

REEXAM-6542076

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Reexamination of: PATENT OF RAYMOND A. JOAO

Patent No.: 6,542,076

For: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Control No.: 90/013,302

Issue Date: APRIL 1, 2003

Examiner: KARIN REICHLE

Group Art Unit: 3992

Confirmation No.: 2538

Mail Stop *Ex Parte* Reexam
Central Reexamination Unit
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY

Sir:

Joao Control & Monitoring Systems, LLC (JCMS), the owner of the above-identified U.S. Patent No. 6,542,076, hereby appoints Raymond A. Joao, Reg. No. 35,907 as Attorney to transact all business in the United States Patent and Trademark Office connected with the above-identified Reexamination proceeding.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907
President, JCMS

Copied from 90013302 on 04/13/2015

Date: April 10, 2015

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
Tel. (914) 969-2992

| | |
|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court WD/TX, Austin Division on the following Patents or Trademarks:

| | | |
|--|----------------------------------|---|
| DOCKET NO. 1:14-cv-134-LY | DATE FILED Amended 01/28/2015 | U.S. DISTRICT COURT Western District of Texas, Austin Division |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT PROTECT AMERICA, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | | See Second Amended Complaint |
| 2 6,549,130 | | |
| 3 6,587,046 | | |
| 4 7,277,010 | | |
| 5 7,397,363 | | |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | | |
|-------------------------|--|-------------------------------|--|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK | |
| 1 6,542,077 | | | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| | | |
|-----------------------------|--|-----------------|
| CLERK Jeannette J. Clack | (BY) DEPUTY CLERK <i>H. Wallace</i> | DATE 1/28/15 |
|-----------------------------|--|-----------------|

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

| | |
|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|---|
| DOCKET NO. | DATE FILED 4/24/2013 | U.S. DISTRICT COURT Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT MAZDA MOTOR OF AMERICA, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 5,917,405 | 6/29/1999 | Joao Control & Monitoring Systems, LLC |
| 2 US 6,542,076 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 6,549,130 | 4/15/2003 | Joao Control & Monitoring Systems, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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|-------------------------|---|-------------------------------|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT Dismissed - See Attached |
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| CLERK John A. Cerino | (BY) DEPUTY CLERK /s/ Mark Buckson | DATE 11/12/2014 |
|-------------------------|---------------------------------------|--------------------|

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 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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|---|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|--|
| DOCKET NO. 13-13615 | DATE FILED 11/15/2012 | U.S. DISTRICT COURT Delaware |
| PLAINTIFF Joao Control & Monitoring Systems, LLC | | DEFENDANT Ford Motor Company |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 6542076B1 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 2 US 6542077B2 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 7397363B2 | 7/8/2008 | Joao Control & Monitoring Systems, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | |
|-------------------------|---|-------------------------------|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 | | |
| 2 | | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

| |
|--|
| DECISION/JUDGEMENT Stipulated Dismissal |
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| | | |
|-------------------------|------------------------------------|--------------------|
| CLERK David J Weaver | (BY) DEPUTY CLERK S. Schoenherr | DATE 11/21/2014 |
|-------------------------|------------------------------------|--------------------|

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court DELAWARE on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

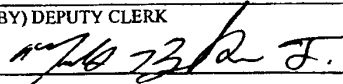
| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT |
|-------------------------------------|-----------------------------|---|
| | 3/4/2014 | DELAWARE |
| PLAINTIFF ALARM.COM INCORPORATED | | DEFENDANT JOAO CONTROL & MONITORING SYSTEMS, LLC |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 7,397,363 B2 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 US 7,277,010 B2 | 10/2/2007 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 US 6,587,046 B2 | 7/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LCC |
| 4 US 6,549,130 B1 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 5 US 6,542,077 B2 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| DATE INCLUDED | INCLUDED BY | |
|-------------------------|--|--|
| 3/4/2014 | <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6. US 6,542,076 B1 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT <i>Dismissed - See Attached</i> |
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| CLERK John A Gerino, Clerk United States District Court 844 N. King Street, Unit 18 Wilmington, DE 19801 | (BY) DEPUTY CLERK  | DATE 9/8/14 |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court of Delaware on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT of Delaware |
|--|-----------------------------|--|
| PLAINTIFF | | DEFENDANT |
| JOAO CONTROL & MONITORING SYSTEMS, LLC | | FRONTPOINT SECURITY SOLUTIONS, LLC |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 B1 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 6,549,130 B1 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 6,587,046 B2 | 7/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 4 7,277,010 B2 | 10/2/2007 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 5 7,397,363 B2 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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|---|
| DECISION/JUDGEMENT <i>Dismissed - See Attached</i> |
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|---|-----------------------|----------------|
| CLERK John A. Cerino, Clerk United States District Court 844 N. King Street, Unit 18 Wilmington, DE 19801 | (BY) DEPUTY CLERK | DATE 9/8/14 |
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 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):


| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT |
|--|-----------------------------|--|
| | 4/12/2013 | Delaware |
| PLAINTIFF | | DEFENDANT |
| JOAO CONTROL & MONITORING SYSTEMS, LLC | | MITSUBISHI MOTORS NORTH AMERICA, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 5,917,405 | 6/29/1999 | Joao Control & Monitoring Systems, LLC |
| 2 US 6,542,076 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 6,549,130 | 4/15/2003 | Joao Control & Monitoring Systems, LLC |
| 4 | | |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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|---|
| DECISION/JUDGEMENT <i>Dismissed - See Attached</i> |
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| | | |
|--|---|----------------|
| CLERK John A Cerino, Clerk United States District Court 844 N. King Street, Unit 18 Wilmington, DE 19801 | (BY) DEPUTY CLERK  | DATE 9/2/14 |
|--|---|----------------|

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 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

| | | |
|---------------------------|---|-----------------------|
| JOAO CONTROL & MONITORING |) | |
| SYSTEMS, LLC, |) | |
| |) | |
| Plaintiff, |) | |
| |) | |
| v. |) | C.A. No. 13-614 (GMS) |
| |) | |
| MITSUBISHI MOTORS NORTH |) | |
| AMERICA, INC., |) | |
| |) | |
| Defendant. |) | |

STIPULATION AND PROPOSED ORDER FOR DISMISSAL WITH PREJUDICE

Plaintiff Joao Control & Monitoring Systems, LLC and Defendant Mitsubishi Motors North America, Inc., pursuant to Fed. R. Civ. P. 41(a)(1)(A)(ii), hereby stipulate, subject to the approval of the Court, to the dismissal of all claims in this action WITH PREJUDICE, with each party to bear its own costs, expenses and attorneys' fees.

STAMOULIS & WEINBLATT LLC

MORRIS, NICHOLS, ARSHT & TUNNELL LLP

/s/ Stamatios Stamoulis

/s/ Regina Murphy

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Richard C. Weinblatt (#5080)
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(302) 658-9200
kjacobs@mnat.com
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Attorneys for Plaintiff Joao Control & Monitoring Systems, LLC

Attorneys for Defendant Mitsubishi Motors North America, Inc.

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Maureen V. Abbey
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(908) 379-8475

OF COUNSEL:

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Evan Finkel
Michael S. Horikawa
James Chang
PILLSBURY WINTHROP SHAW PITTMAN LLP
725 South Figueroa Street, Suite 2800
Los Angeles, CA 90017-5406
(213) 488-7100

August 18, 2014

SO ORDERED this 26th day of August, 2014


The Honorable Gregory M. Ewert



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Values: 09/551,365, 04/17/2000, 2632, 2619, RJ315, 20, 3

CONFIRMATION NO. 1497

CORRECTED FILING RECEIPT



Date Mailed: 08/01/2014

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s) Raymond Anthony Joao, Yonkers, NY;
Applicant(s) Raymond Anthony Joao, Yonkers, NY;

Power of Attorney: None

Domestic Priority data as claimed by applicant
This application is a CIP of 09/277,935 03/29/1999 PAT 6549130
which is a CON of 08/683,828 07/18/1996 PAT 5917405
which is a CIP of 08/587,628 01/17/1996 ABN
which is a CON of 08/489,238 06/12/1995 PAT 5513244
which is a CON of 08/073,755 06/08/1993 ABN
and said 08/683,828 07/18/1996
is a CIP of 08/622,749 03/27/1996 ABN
This application 09/551,365
claims benefit of 60/187,735 03/08/2000
and claims benefit of 60/190,379 03/17/2000

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

If Required, Foreign Filing License Granted: 06/21/2000

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 09/551,365**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Preliminary Class

340

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications:

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of New York on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|---|
| DOCKET NO. 14 CV 2598 | DATE FILED 4/24/14 | U.S. DISTRICT COURT Eastern District of New York |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT SLOMIN'S, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 6,549,130 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 6,587,046 | 7/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 4 7,277,010 | 10/2/2007 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 5 7,397,363 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| | | |
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| CLERK Douglas C. Palmer | (BY) DEPUTY CLERK /s/ Karen McMorrow | DATE 4/24/2014 |
|----------------------------|---|-------------------|

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ of Delaware on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|--|
| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT of Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT VOLKSWAGEN GROUP OF AMERICA, INC., AUDI OF AMERICA, LLC, and BENTLEY MOTORS, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 6,549,130 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 5,917,405 | 6/29/1999 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 4 7,397,363 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ of Delaware _____ on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

| | | |
|---|-----------------------------|---|
| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT of Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT NISSAN NORTH AMERICA, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 6,549,130 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 5,917,405 | 6/29/1999 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

| | |
|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ of Delaware _____ on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

| | | |
|---|-----------------------------|--|
| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT of Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT VERIZON COMMUNICATIONS INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 6,549,130 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 6,587,046 | 7/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 4 7,277,010 | 10/2/2007 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 5 7,397,363 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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|-------------------------|---|--|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,077 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court DELAWARE on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|-------------------------------------|-----------------------------|---|
| DOCKET NO. | DATE FILED 3/4/2014 | U.S. DISTRICT COURT DELAWARE |
| PLAINTIFF ALARM.COM INCORPORATED | | DEFENDANT JOAO CONTROL & MONITORING SYSTEMS, LLC |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 7,397,363 B2 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 US 7,277,010 B2 | 10/2/2007 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 US 6,587,046 B2 | 7/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LCC |
| 4 US 6,549,130 B1 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 5 US 6,542,077 B2 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | |
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| DATE INCLUDED 3/4/2014 | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6. US 6,542,076 B1 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

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| <p>TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450</p> | <p>REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK</p> |
|--|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of NC on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|---|
| DOCKET NO. 5:13CV56 | DATE FILED 4/5/2013 | U.S. DISTRICT COURT Western District of NC |
| PLAINTIFF JOAO Control & Monitoring Systems, LLC | | DEFENDANT Lowe's Companies, Inc. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 B1 | 4/1/2003 | JOAO |
| 2 6,549,130 B1 | 4/15/2003 | JOAO |
| 3 6,587,046 B2 | 7/1/2003 | JOAO |
| 4 7,277,010 B2 | 10/2/2007 | JOAO |
| 5 7,397,363 B2 | 7/8/2008 | JOAO |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | |
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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| <p>DECISION/JUDGEMENT</p> <p>Order granting Stipulated Motion for Dismissal on 2/18/14.</p> |
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| CLERK Frank G. Johns | (BY) DEPUTY CLERK Susan M. Johnson | DATE 2/18/2014 |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

Case 5:13-cv-00056-RLV-DSC Document 24 Filed 02/18/14 Page 1 of 1

AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

| | | |
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| DOCKET NO. | DATE FILED 4/24/2013 | U.S. DISTRICT COURT Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT MAZDA MOTOR OF AMERICA, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 5,917,405 | 6/29/1999 | Joao Control & Monitoring Systems, LLC |
| 2 US 6,542,076 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 6,549,130 | 4/15/2003 | Joao Control & Monitoring Systems, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|---|
| DOCKET NO. | DATE FILED 4/1/2013 | U.S. DISTRICT COURT Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT JAGUAR LAND ROVER NORTH AMERICA, LLC |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 5,917,405 | 6/29/1999 | Joao Control & Monitoring Systems, LLC |
| 2 US 6,542,076 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 6,549,130 | 4/15/2003 | Joao Control & Monitoring Systems, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court of Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|--|
| DOCKET NO. | DATE FILED 4/1/2013 | U.S. DISTRICT COURT of Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT VIVINT, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 2 6,542,077 | 4/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 3 6,549,130 | 4/15/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 4 6,587,046 | 7/1/2003 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
| 5 7,277,010 | 10/2/2007 | JOAO CONTROL & MONITORING SYSTEMS, LLC |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | |
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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 7,397,363 | 7/8/2008 | JOAO CONTROL & MONITORING SYSTEMS, LLC |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of NC on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|-----------------------------|---|
| DOCKET NO. 5:13CV56 | DATE FILED 4/5/2013 | U.S. DISTRICT COURT Western District of NC |
| PLAINTIFF JOAO Control & Monitoring Systems, LLC | | DEFENDANT Lowe's Companies, Inc. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 B1 | 4/1/2003 | JOAO |
| 2 6,549,130 B1 | 4/15/2003 | JOAO |
| 3 6,587,046 B2 | 7/1/2003 | JOAO |
| 4 7,277,010 B2 | 10/2/2007 | JOAO |
| 5 7,397,363 B2 | 7/8/2008 | JOAO (see attached complaint & exhibits) |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

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| CLERK Frank G. Johns | (BY) DEPUTY CLERK Susan M. Johnson | DATE 4/5/2013 |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy
 Case 5:13-cv-00056-RLV-DSC Document 2 Filed 04/05/13 Page 1 of 1

AO 120 (Rev. 08/10)

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

| | | |
|---|-----------------------------|--|
| DOCKET NO. | DATE FILED 4/12/2013 | U.S. DISTRICT COURT Delaware |
| PLAINTIFF JOAO CONTROL & MONITORING SYSTEMS, LLC | | DEFENDANT MITSUBISHI MOTORS NORTH AMERICA, INC. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 5,917,405 | 6/29/1999 | Joao Control & Monitoring Systems, LLC |
| 2 US 6,542,076 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 6,549,130 | 4/15/2003 | Joao Control & Monitoring Systems, LLC |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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|-------------------------|---|-------------------------------|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 3/04)

| | |
|---|---|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following Patents or Trademarks:

| | | |
|---|-----------------------------|---|
| DOCKET NO. CV12-4013 ABC(JC_x) | DATE FILED | U.S. DISTRICT COURT Central District of California |
| PLAINTIFF Joao Control & Monitoring Systems, LLC | | DEFENDANT American Honda Motor Company, Inc. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | Raymond A. Joao |
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FILED - SOUTHERN DIVISION
 CLERK, U.S. DISTRICT COURT
MAY - 8 2012
 CENTRAL DISTRICT OF CALIFORNIA

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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|---|
| DECISION/JUDGEMENT VOLUNTARY DISMISSAL (SEE ATTACHED COPY) |
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|-----------------------|---|-------------------|
| CLERK Terry Nafisi | (BY) DEPUTY CLERK Ramona La Chapelle | DATE 1/22/2013 |
|-----------------------|---|-------------------|

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 3/04)

| | |
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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|--|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following Patents or Trademarks:

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|--|-----------------------------|---|--|
| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT Central District of California | |
| PLAINTIFF Joao Control & Monitoring Systems, LLC CV12-03698 | | DEFENDANT Xanboo, Inc. | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK | BY FAX 12 APR 27 PM 3:46 U.S. DISTRICT COURT CENTRAL DISTRICT OF CALIF. |
| 1 7,277,010 | 10/2/2007 | Raymond A. Joao | |
| 2 6,542,077 | 4/1/2003 | Raymond A. Joao | |
| 3 6,542,076 | 4/1/2003 | Raymond A. Joao | |
| 4 7,397,363 | 7/8/2008 | Raymond A. Joao | |
| 5 | | | |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | | |
|-------------------------|--|-------------------------------|--|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT VOLUNTARY DISMISSAL (SEE COPY ATTACHED) |
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|-----------------------|---|-------------------|
| CLERK Terry Nafisi | (BY) DEPUTY CLERK Ramona La Chapelle | DATE 1/22/2013 |
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

| | |
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| TO: Commissioner of Trademarks P.O. Box 1451 Alexandria, VA 22313-1451 ATTN: TTAB | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|--|---|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Southern District of New York on the following Patents or Trademarks:

| | | |
|---|-----------------------------|--|
| DOCKET NO. 13cv0053 | DATE FILED 01/03/13 | U.S. DISTRICT COURT 500 Pearl Street New York, NY 10007 |
| PLAINTIFF Joao Control & Monitoring Systems, LLC | | DEFENDANT Chrysler Corporation |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 | 5,917,405 | 6/29/1999 |
| 2 | 6,549,130 | 4/15/2003 |
| 3 | 6,542,076 | 4/1/2003 |
| 4 | | |
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| CLERK Ruby Krajick | (BY) DEPUTY CLERK | DATE 01/03/13 |
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 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

| | |
|---|--|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Delaware on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

| | | |
|---|--------------------------------|--|
| DOCKET NO. 12-1479 | DATE FILED 11/15/2012 | U.S. DISTRICT COURT Delaware |
| PLAINTIFF Joao Control & Monitoring Systems, LLC | | DEFENDANT Ford Motor Company |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 US 6542076B1 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 2 US 6542077B2 | 4/1/2003 | Joao Control & Monitoring Systems, LLC |
| 3 US 7397363B2 | 7/8/2008 | Joao Control & Monitoring Systems, LLC |
| 4 | | |
| 5 | | |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| | | |
|----------------------------|---|-------------------------------|
| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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AO 120 (Rev. 3/04)

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|---|--|
| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following Patents or Trademarks:

| | | |
|---|-----------------------------|---|
| DOCKET NO. CV12-4013 ABC(JCx) | DATE FILED | U.S. DISTRICT COURT Central District of California |
| PLAINTIFF Joao Control & Monitoring Systems, LLC | | DEFENDANT American Honda Motor Company, Inc. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 6,542,076 | 4/1/2003 | Raymond A. Joao |
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FILED - SOUTHERN DIVISION
 CLERK, U.S. DISTRICT COURT
MAY - 8 2012
 CENTRAL DISTRICT OF CALIFORNIA

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY | <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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AO 120 (Rev. 3/04)

| | |
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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following Patents or Trademarks:

| | | |
|--|-----------------------------|---|
| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT Central District of California |
| PLAINTIFF Joao Control & Monitoring Systems, LLC CV12-03698 | | DEFENDANT Xanboo, Inc. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 7,277,010 | 10/2/2007 | Raymond A. Joao |
| 2 6,542,077 | 4/1/2003 | Raymond A. Joao |
| 3 6,542,076 | 4/1/2003 | Raymond A. Joao |
| 4 7,397,363 | 7/8/2008 | Raymond A. Joao |
| 5 | | |

BY FAX
12 APR 27 PM 3:46
U.S. DISTRICT COURT
CENTRAL DISTRICT OF CALIFORNIA

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY | <input type="checkbox"/> Amendment | <input type="checkbox"/> Answer | <input type="checkbox"/> Cross Bill | <input type="checkbox"/> Other Pleading |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following Patents or Trademarks:

| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT Central District of California |
|---|-----------------------------|---|
| PLAINTIFF Joao Control & Monitoring Systems of California, LLC | | DEFENDANT ACTI CORPORATION INC., et al. |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 5,917,405 | 6/29/1999 | Raymond Anthony Joao |
| 2 6,542,076 | 4/1/2003 | Raymond Anthony Joao |
| 3 6,542,077 | 4/1/2003 | Raymond Anthony Joao |
| 4 6,549,130 | 4/15/2003 | Raymond Anthony Joao |
| 5 6,587,046 | 7/1/2003 | Raymond Anthony Joao |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| DATE INCLUDED | INCLUDED BY | HOLDER OF PATENT OR TRADEMARK |
|-------------------------|--|-------------------------------|
| | <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 7,277,010 | 10/2/2007 | Raymond Anthony Joao |
| 2 7,397,363 | 7/8/2008 | Raymond Anthony Joao |
| 3 | | |
| 4 | | |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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| CLERK | (BY) DEPUTY CLERK | DATE |
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PROOF OF SERVICE

JOAO CONTROL & MONITORING SYSTEMS OF CALIFORNIA, LLC
v.
ACTI CORPORATION INC., et al.

The undersigned certifies and declares as follows:

I am a resident of the County of Los Angeles, State of California, and I am over the age of eighteen (18) years old and not a party to the above-entitled action. My business address is: White Field, Inc., 9800 D. Topanga Canyon Blvd. #347, Chatsworth, CA 91311.

On December 15, 2010 I caused the following document to be served as indicated below:

- o **FORM AO-120**

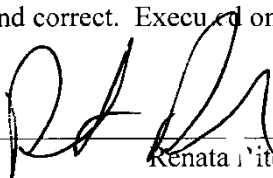
By:

| | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | MAIL being familiar with the practice of this office for the collection and the processing of correspondence for mailing with the United States Postal Service, and deposited in the United States Mail copies of the same to the address(es) set forth below, in a sealed envelope, with postage fully prepaid. |
| <input type="checkbox"/> | FEDERAL EXPRESS for delivery the following business day by placing same for collection by Federal Express courier of the same to the address(es) set forth below, in a sealed envelope. |
| <input type="checkbox"/> | TELEFAX for delivery to the facsimile number(s) set forth below. |
| <input type="checkbox"/> | EMAIL for delivery to the email address(es) set forth below. |
| <input type="checkbox"/> | PERSONAL SERVICE for delivery by hand of same to the individual(s) set forth below. |

To:

| |
|---|
| OTHER: US PATENT AND TRADEMARK OFFICE Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 |
|---|

I certify and declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed on December 15, 2010, at Chatsworth, California.



Renata Mitcheson

POS RE: FORM AO-120

COPY

AO 120 (Rev. 3/04)

| | |
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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|--|--|

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following Patents or Trademarks:

| DOCKET NO. SACV10-01909 | | DATE FILED 12/15/10 | | U.S. DISTRICT COURT Central District of California | |
|---|-----------------------------|-------------------------------|--|---|--|
| PLAINTIFF Joao Control & Monitoring Systems of California, LLC | | | DEPENDANT ACTI CORPORATION INC., et al. | | |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK | | | |
| 1 5,917,405 | 6/29/1999 | Raymond Anthony Joao | | | |
| 2 6,542,076 | 4/1/2003 | Raymond Anthony Joao | | | |
| 3 6,542,077 | 4/1/2003 | Raymond Anthony Joao | | | |
| 4 6,549,130 | 4/15/2003 | Raymond Anthony Joao | | | |
| 5 6,587,046 | 7/1/2003 | Raymond Anthony Joao | | | |

BY:
 CLERK U.S. DISTRICT COURT
 CENTRAL DISTRICT OF CALIF.
 LOS ANGELES
 DEC 15 PM 3:14
 FILED

In the above--entitled case, the following patent(s)/ trademark(s) have been included:

| DATE INCLUDED | INCLUDED BY | <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading | | | |
|-------------------------|-----------------------------|--|--|--|--|
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK | | | |
| 1 7,277,010 | 10/2/2007 | Raymond Anthony Joao | | | |
| 2 7,397,363 | 7/8/2008 | Raymond Anthony Joao | | | |
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In the above--entitled case, the following decision has been rendered or judgement issued:

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| CLERK | (BY) DEPUTY CLERK | DATE |
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 Copy 2--Upon filing document adding patent(s), mail this copy to Director Copy 4--Case file copy

2/2/11

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : April 1, 2003
INVENTOR(S) : Raymond Anthony Joao

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 119,

Lines 51, 54, 58 and 65, change "claim 8" to -- claim 205 --.

Column 120,

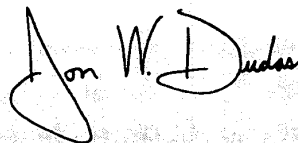
Lines 12, 26, 40, 45, 47, 53 and 59, change "claim 8" to -- claim 205 --.

Column 121,

Lines 4, 12 and 15, change "claim 8" to -- claim 205 --.

Signed and Sealed this

Twenty-fifth Day of October, 2005



JON W. DUDAS

Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : April 1, 2003
INVENTOR(S) : Raymond Anthony Joao

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 119,

Lines 51, 54, 58 and 65, change "claim 8" to -- claim 205 --.

Column 120,

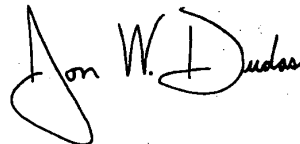
Lines 12, 26, 40, 45, 47, 53 and 59, change "claim 8" to -- claim 205 --.

Column 121,

Lines 4, 12 and 15, change "claim 8" to -- claim 205 --.

Signed and Sealed this

Twenty-fifth Day of October, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office

CofC

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Attention Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 30, 2005.



Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

PATENT NO.: 6,542,076 **B1**

ISSUED : APRIL 1, 2003

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : SEPTEMBER 25, 2002

Certificate
JUL 11 2005
of Correction

Attention Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION OF OFFICE MISTAKE
PURSUANT TO 37 C.F.R. §1.322

Sir:

This is a Request for Certificate of Correction of Office mistake, pursuant to 37 C.F.R. §1.322, for the above-identified U.S. Patent No. 6,542,076.

JUL 12 2005

Applicant respectfully submits that each of issued Claims 57-70 contains an error in its respective claim dependency which resulted from Office mistake. Each of the issued Claims 57-70 should depend from Claim 205. Through Office Mistake, however, each of the issued Claims 57-70 is indicated as being dependent on issued Claim 8.

Issued Claims 57-70 correspond to pending Claims 188-201, respectively, which were introduced by Applicant in the Fourth Preliminary Amendment, filed on January 31, 2002. It is respectfully submitted that each of the pending Claims 188-201 depend directly from pending Claim 119. Pending Claim 119 issued as Claim 205. In this regard, each of the issued Claims 57-70 should have been indicated as being dependent on issued Claim 205.

The pending Claims 188-201, which correspond to issued Claims 57-70, respectively, are contained on pages 32-38 of the Fourth Preliminary Amendment, filed on January 31, 2002. Copies of pages 32-38 of the Fourth Preliminary Amendment, filed on January 31, 2002, are submitted herewith. The pending Claim 119 is contained on pages 123-125 of the Fourth Preliminary Amendment, filed on January 31, 2002. Copies of pages 123-125 of the Fourth Preliminary

JUL 12 2005

Amendment, filed on January 31, 2002, are also submitted herewith.

It is respectfully noted that each of the pending Claims 188-201 depends directly from pending Claim 119 and, therefore, issued Claims 57-70 depend directly from issued Claim 205. The dependency of each of issued Claims 57-70, which is indicated as depending from issued Claim 8, is clearly a mistake which should be corrected. Each of Claims 57-70 should be corrected so that each respective claim depends from issued Claim 205.

Applicant respectfully submits that the above-identified errors in issued Claims 57-70, namely, the erroneous claim dependency of each of issued Claims 57-70 on issued Claim 8, was the result of Office mistake. Applicant respectfully requests correction of the above Office mistake.

Applicant has submitted herewith a Form PTO/SB/44 (Form PTO 1050) with Applicant's proposed correction for each of Claims 57-70. Applicant respectfully proposes that the above-identified mistakes be corrected by correcting each of Claims 57-70 so as to change "claim 8" to

-- claim 205 -- in the first line of each claim. In this regard, the following corrections are requested for each of the following claims:

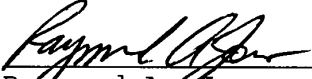
Claim 57, change "claim 8" to -- claim 205 --;
Claim 58, change "claim 8" to -- claim 205 --;
Claim 59, change "claim 8" to -- claim 205 --;
Claim 60, change "claim 8" to -- claim 205 --;
Claim 61, change "claim 8" to -- claim 205 --;
Claim 62, change "claim 8" to -- claim 205 --;
Claim 63, change "claim 8" to -- claim 205 --;
Claim 64, change "claim 8" to -- claim 205 --;
Claim 65, change "claim 8" to -- claim 205 --;
Claim 66, change "claim 8" to -- claim 205 --;
Claim 67, change "claim 8" to -- claim 205 --;
Claim 68, change "claim 8" to -- claim 205 --;
Claim 69, change "claim 8" to -- claim 205 --; and
Claim 70, change "claim 8" to -- claim 205 --.

Applicant hereby authorizes and respectfully requests the Office of Patent Publications to prepare any necessary document(s) for, and to issue a Certificate of Correction for, U.S. Patent No. 6,542,076 which corrects the above-identified mistakes.

It is respectfully requested that a Certificate of Correction be issued for the above-identified U.S. Patent No. 6,542,076 to correct the above-identified Office mistakes.

No fee is due with this Request For Certificate of Correction as the mistakes to be corrected were incurred through the fault of the Office and the mistakes are clearly disclosed in the records of the Office.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls.: - Copies of pages 32-38 of the Fourth Preliminary Amendment, filed on January 31, 2002
- Copies of pages 123-125 of the Fourth Preliminary Amendment, filed January on 31, 2002
- Form PTO/SB/44 (Form PTO 1050)
- Return Receipt Postcard

June 30, 2005

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

187. The apparatus of Claim 186, wherein the first control device provides at least one of a central office control of and a central office monitoring of the vehicle.

188. The method of Claim 119, further comprising:

obtaining at least one of video information at the vehicle and audio information at the vehicle.

189. The method of Claim 119, further comprising:

partaking in a video conference with an individual at least one of inside the vehicle, outside the vehicle, and in the vicinity of the vehicle.

190. The method of Claim 119, further comprising:

at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

191. The method of Claim 119, further comprising:

detecting at least one of a wear and a state of disrepair of at least one of a device and a component;

generating a fourth signal containing information regarding the at least one of a wear and a state of disrepair; and

transmitting the fourth signal to the third control device;

generating a fifth signal with the third control device; and

transmitting the fifth signal to the second control device;

generating a sixth signal with the second control device; and

transmitting the sixth signal to the first control device, wherein the sixth signal contains information

regarding the at least one of a wear and a state of disrepair.

192. The method of Claim 119, further comprising:

transmitting a first diagnostic signal from the third control device to the second control device;

transmitting a second diagnostic signal from the second control device to the first control device, wherein the second diagnostic signal is transmitted in response to the first diagnostic signal; and

generating a third diagnostic signal at the first control device, wherein the third diagnostic signal contains diagnostic data or information regarding the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

193. The method of Claim 119, further comprising:

transmitting a repair signal from the first control device to the second control device;

transmitting the repair signal from the second control device to the first control device; and

effecting a repair of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, with the third control device by reprogramming the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, by utilizing information contained in the repair signal.

194. The method of Claim 119, further comprising:

controlling at least one of a movement, a propulsion, and a direction of travel, of the vehicle with the first control device via the second control device and the third control device.

195. The method of Claim 119, further comprising:

disabling or re-enabling the vehicle.

196. The method of Claim 119, further comprising:

providing information regarding at least one of apparatus status, vehicle operation status, and status of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

197. The method of Claim 119, further comprising:

detecting a failure in the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance; and

providing information regarding the failure.

198. The method of Claim 119, further comprising:

performing a systematic check of at least one of a status and a state of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance; and

providing information relating to the at least one of a status and a state of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

199. The method of Claim 119, further comprising:

detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator, of the vehicle; and

providing information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

200. The method of Claim 119, further comprising:

detecting at least one of a vehicle use, an unauthorized use of the vehicle, and a theft of the vehicle.

201. The method of Claim 119, further comprising:

at least one of reading and monitoring at least one of a status and a condition of at least one of a vehicle fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine temperature level, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

202. The apparatus of Claim 47, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a hood locking system, a mechanical hood locking system, video recording equipment, photographing equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a

activating, disabling, and re-enabling, one or more of a plurality of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

119. (Twice Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and

further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, deactivating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of the vehicle, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

120. (Twice Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of the premises, wherein the third control device is located at the premises, and further wherein the second control device

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,542,076 **61**
APPLICATION NO.: 09/551,365
ISSUE DATE : APRIL 1, 2003
INVENTOR(S) : RAYMOND ANTHONY JOAO

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 57, line 1, change "claim 8" to -- claim 205 --.

Claim 58, line 1, change "claim 8" to -- claim 205 --.

Claim 59, line 1, change "claim 8" to -- claim 205 --.

Claim 60, line 1, change "claim 8" to -- claim 205 --.

Claim 61, line 1, change "claim 8" to -- claim 205 --.

Claim 62, line 1, change "claim 8" to -- claim 205 --.

Claim 63, line 1, change "claim 8" to -- claim 205 --.

Claim 64, line 1, change "claim 8" to -- claim 205 --.

Claim 65, line 1, change "claim 8" to -- claim 205 --.

Claim 66, line 1, change "claim 8" to -- claim 205 --.

Claim 67, line 1, change "claim 8" to -- claim 205 --.

Claim 68, line 1, change "claim 8" to -- claim 205 --.

Claim 69, line 1, change "claim 8" to -- claim 205 --.

Claim 70, line 1, change "claim 8" to -- claim 205 --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NEW YORK 10703

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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I hereby certify that this correspondence is being transmitted via facsimile transmission to the United States Patent and Trademark Office via facsimile transmission at 1-703-305-4372 on May 22, 2003.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
PATENT NO. : 6,542,076
ISSUED : APRIL 1, 2003
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : SEPTEMBER 25, 2002
Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CERTIFICATE OF CORRECTION OF OFFICE MISTAKE
PURSUANT TO 37 C.F.R. §1.322

Sir:

This is a Request for Certificate of Correction of Office mistake, pursuant to 37 C.F.R. §1.322, for the above-identified U.S. Patent No. 6,542,076.

The Related U.S. Application Data, Item [63], on the Title Page of the above-identified U.S. Patent No. 6,542,076 contains incorrect information. The correct Related U.S. Application Data should recite the following:

-- Continuation-in-part of application No. 09/277,935, filed on Mar. 29, 1999, which is a continuation of application No. 08/683,828, filed on Jul. 18, 1996, now U.S. Pat. No. 5,917,405, which is a continuation-in-part of application No. 08/622,749, filed on Mar. 27, 1996, now abandoned, and a continuation-in-part of application No. 08/587,628, filed on Jan. 17, 1996, now abandoned, which is a continuation of application No. 08/489,238, filed on June 12, 1995, now U.S. Pat. No. 5,513,244, which is a continuation of application No. 08/073,755, filed June 8, 1993, now abandoned. --

Applicant respectfully requests that the Related U.S. Application Data, Item [63], be corrected as indicated above.

Applicant respectfully submits that the references cited by Applicant in the Information Disclosure Statements, filed on May 15, 2002, June 18, 2002 and July 18, 2002, which include 102 U.S. Patent references and 6

non-patent references, were not published with the above-identified U.S. Patent No. 6,542,076. Applicant respectfully requests that item [56], corresponding to the section entitled "References Cited" and, in particular, the section entitled "U.S. PATENT DOCUMENTS" be corrected to include the 102 U.S. Patent references cited in the Information Disclosure Statements filed on May 15, 2002, June 18, 2002 and July 18, 2002. Applicant further respectfully requests that item [56], corresponding to the section entitled "References Cited" and, in particular, the section entitled "OTHER PUBLICATIONS" be corrected to include the 6 non-patent references cited in the Information Disclosure Statement filed on June 18, 2002.

Applicant submits that the ABSTRACT on the Title Page of the above-identified U.S. Patent No. 6,542,076 is incorrect. Applicant respectfully submits that the Abstract of the Disclosure, as amended by Applicant in the Second Preliminary Amendment, dated May 15, 2002, was inadvertently omitted from the above-identified U.S. Patent No. 6,542,076. It is respectfully requested that the above-identified U.S. Patent No. 6,542,076 be corrected to include the ABSTRACT which was entered in the Second Preliminary Amendment, dated May 15, 2002.

The "RELATED APPLICATIONS" section of the above-identified U.S. Patent No. 6,542,076 and, in particular, the "RELATED APPLICATIONS" section at Column 1, lines 3-21, is incorrect. The "RELATED APPLICATIONS" section should include the information contained in the Preliminary Amendment, dated September 23, 2002, which included an amendment to the "RELATED APPLICATIONS" section of the Specification. Correction of the "RELATED APPLICATIONS" section of the above-identified U.S. Patent No. 6,542,076, at Column 1, lines 3-21, is respectfully requested.

The amendments to the Specification, which were made in the Second Preliminary Amendment, dated May 15, 2002, were not included in the above-identified U.S. Patent No. 6,542,076. The above-identified U.S. Patent No. 6,542,076 and, in particular, the "DESCRIPTION OF THE PREFERRED EMBODIMENT" section, should be corrected as follows:

Column 64, line 9, replace "11" with -- 1211 --.
Column 65, line 26, replace "11" with -- 1211 --.
Column 66, line 26, replace "11" with -- 1211 --.
Column 67, line 5, replace "11" with -- 1211 --.
Column 67, line 24, replace "vehicle" with -- boat --.
Column 67, line 25, replace "11" with -- 1211 --.
Column 67, line 26, replace "12" with -- 1212 --.

Column 67, line 29, replace "vehicle" with -- boat --
and replace "11" with -- 1211 --.

Column 71, line 46, replace "11" with -- 1311 --.

Column 72, line 43, replace "11" with -- 1311 --.

Column 75, line 21, replace "boats" with
-- airplanes --.

It is respectfully requested that the above-identified U.S. Patent No. 6,542,076 be corrected, in the "DESCRIPTION OF THE PREFERRED EMBODIMENT" section, to include the above corrections.

Claims 1, 2, 29 and 30 of the above-identified U.S. Patent No. 6,542,076 are incorrect. Issued independent Claims 1, 2, 29 and 30 correspond to previously cancelled Claims 33, 46, 67 and 68, which Claims were cancelled in the Preliminary Amendment, dated May 6, 2002. Independent Claims 324, 325, 326 and 327, which Claims were added in the Second Preliminary Amendment, dated May 15, 2002, and which were subsequently allowed, are not included in the above-identified U.S. Patent No. 6,542,076.

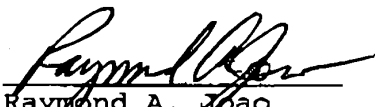
It is respectfully requested that the above-identified U.S. Patent No. 6,542,076 be corrected to include the allowed Claims 324, 325, 326 and 327.

It is respectfully requested that a Certificate of Correction be issued for the above-identified U.S. Patent No. 6,542,076 which includes all of the above corrections.

Applicant hereby authorizes and respectfully requests the Office of Patent Publications to prepare the necessary documents for and to issue a Certificate of Correction for U.S. Patent No. 6,542,076 which corrects all of the above-noted mistakes.

No fee is due with this Request For Certificate of Correction as the mistakes to be corrected were incurred through the fault of the Office and the mistakes are clearly disclosed in the records of the Office.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

May 22, 2003

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page:

(63) Related U.S. Application Data, delete the Related U.S. Application Data and substitute the following:

--Continuation-in-part of application No. 09/277,935, filed on Mar. 29, 1999, which is a continuation of application No. 08/683,828, filed on Jul. 18, 1996, now Pat. No. 5,917,405, which is a continuation-in-part of application No. 08/622,749, filed on Mar. 27, 1996, now abandoned, and a continuation-in-part of application No. 08/587,628, filed on Jan. 17, 1996, now abandoned, which is a continuation of application No. 08/489,238, filed on June 12, 1995, now Pat. No. 5,513,244, which is a continuation of application No. 08/073,755, filed Jun. 8, 1993, now abandoned.--

(56) References Cited, add the following references:

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| 4,137,553 | 1-1979 | Tokitsu, et al. |
| 4,138,657 | 2-1979 | Shave |
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| 4,201,908 | 5-1980 | Johnson, et al. |
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| 4,470,116 | 9-1984 | Ratchford |

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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|-----------|---------|---------------------|
| 4,591,823 | 5-1986 | Horvat |
| 4,602,127 | 7-1986 | Neelt, et al. |
| 4,604,711 | 8-1986 | Benn, et al. |
| 4,638,289 | 1-1987 | Zottnik |
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| 4,656,585 | 4-1987 | Stephenson |
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

| | | |
|-----------|---------|-------------------|
| 5,457,630 | 10-1995 | Palmer |
| 5,497,419 | 3-1996 | Hill |
| 5,508,736 | 4-1996 | Copper |
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| 5,844,473 | 12-1998 | Kaman |
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| 5,862,500 | 1-1999 | Goodwin |
| 5,877,707 | 3-1999 | Kowalick |
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| 5,892,437 | 4-1999 | Scheibe, et al. |
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| 5,897,602 | 4-1999 | Mizuta |

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

| | | |
|-----------|---------|---------------------|
| 5,898,392 | 4-1999 | Bambini, et al. |
| 5,917,434 | 6-1999 | Murphy |
| 5,948,026 | 9-1999 | Beemer, II., et al. |
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Raymond B. Panko, Business Data Communications, 1997, Prentice Hall, U.S.A.

Simson Garfinkel, et al., Web Security & Commerce, 1997, O'Reilly & Associates, Inc., U.S.A.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Leslie L. Lesnick, et al., Creating Cool Intelligence Agents for the Net, 1997, IDG Books Worldwide, Inc. U.S.A.

Nabil R. Adam, et al., Electronic Commerce Technical Business, and Legal Issues, 1999, Prentice Hall PTR, U.S.A.

Alper Caglayan, et al., Agent Sourcebook A Complete Guide to Desktop, Internet, and Intranet Agents, 1997, Wiley, U.S.A.

(57) ABSTRACT, delete the entire text of the Abstract and substitute the following:

--A control apparatus and method, including a first control device, located at a vehicle or premises, capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a respective system, equipment system, component, device, equipment, and appliance, of a respective vehicle or premises, with a first signal. The first control device generates and/or transmits the first signal in response to a second signal generated by and/or transmitted from a second control device located remote from the vehicle. The second signal is automatically received by the first control device. The second control device generates and/or transmits the second signal in response to a third signal generated by and/or transmitted from a third control device located remote from the vehicle and the second control device. The third signal is automatically received by the second control device.--

In the Specification:

Column 1, lines 6-22, delete the entire paragraph and substitute the following:

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--This application is a continuation-in-part application of U.S. Patent Application Serial No. 09/277,935, filed March 29, 1999, which is a continuation application of U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, which is a continuation-in-part application of U.S. Patent Application Serial No. 08/587,628, filed January 17, 1996, abandoned, which is a continuation application of U.S. Patent Application Serial No. 08/489,238, filed June 12, 1995, now U.S. Patent No. 5,513,244, which is a continuation application of U.S. Patent Application Serial No. 08/073,755, filed June 8, 1993, abandoned, and which U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, is also a continuation-in-part application of U.S. Patent Application Serial No. 08/622,749, filed March 27, 1996, abandoned. This application also claims the benefit of priority of U.S. Provisional Patent Application Serial No. 60/187,735, filed March 8, 2000, and U.S. Provisional Patent Application Serial No. 60/190,379, filed March 17, 2000.--

Column 64, line 9, replace "11" with -- 1211 --.

Column 65, line 26, replace "11" with -- 1211 --.

Column 66, line 26, replace "11" with -- 1211 --.

Column 67, line 5, replace "11" with -- 1211 --.

Column 67, line 24, replace "vehicle" with -- boat --.

Column 67, line 25, replace "11" with -- 1211 --.

Column 67, line 26, replace "12" with -- 1212 --.

Column 67, line 29, replace "vehicle" with -- boat -- and replace "11" with -- 1211 --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 71, line 46, replace "11" with -- 1311 --.

In the claims:

Column 105, line 60 through column 106, line 41, delete claims 1 and 2 and substitute the following:

- 1. A control apparatus, comprising:
a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,
wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,
wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,
wherein the vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, and an unmanned vehicle,
and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a video recording device, a camera, a video conferencing device or equipment, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a lighting system, an electrical or electronically controlled dead bolt locking device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, an automatic control device for controlling or monitoring at least one of vehicle movement or motion, at least one of vehicle forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

2. A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, and an unmanned boat,
and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system, an electrical or electronically controlled dead bolt locking device, an engine compartment locking device, an electrical or mechanical locking device, a navigational device, navigational equipment, fire extinguishing equipment, a pumping device for pumping water, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a lighting system, a video recording device, a camera, a video conferencing device or equipment, a boat rudder, a rudder control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a sonar system, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat data recorder, a boat operation data recorder, a boat command computer, an automatic control device for controlling or monitoring at least one of boat movement or motion, at least one of boat forward and reverse direction of movement, boat speed of movement, boat steering, a boat rudder system, and a boat pump system, a boat operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a marine control system, a boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

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system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.--

Column 113, line 8 through column 114, line 23, delete claims 29 and 30 and substitute the following:

--29. A control apparatus, comprising:
a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,
wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,
wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control

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CERTIFICATE OF CORRECTION

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DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,
wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, an unmanned aircraft, a commercial aircraft, and a military aircraft, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a mechanical locking system, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, and an opening component, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a video recording device, a camera, a video conferencing device or equipment, an airplane aileron control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, an automatic control device for controlling or monitoring at least one of an airplane system or device for at least one of

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

airplane take-off, flight, normal cruising, automatic pilot cruising, landing, movement or motion, thrust, forward thrust or forward direction of movement, airplane speed of movement, an airplane tail, wings, an engine or propeller, a rudder, a control surface, a steering system, a braking system, a reverse thrust system, landing gear, a pump system, and a turning or banking system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, a command computer for at least one of controlling and monitoring at least one of an automatic pilot system, a radar system, a lift control system, a control surface system, an engine or thrusting system, a braking system, a fuel system, a fuel injection system, landing gear, and a fuel dumping system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, an airplane flight control system, an airplane operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

30. A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

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signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

wherein the vehicle is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, and a moped, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a track locking device, a video recording device, a camera, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, lighting systems, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, a hood, a trunk, and an opening component, a command computer,

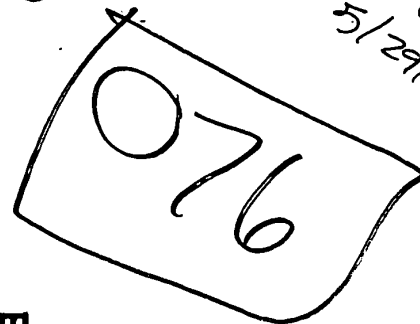
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,542,076 B1
DATED : APRIL 1, 2003
INVENTOR(S) : JOAO

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

an automatic control device for controlling or monitoring at least one of vehicle movement or motion, vehicle at least one of forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, a control system, vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.--

RAYMOND A. JOAO, ESQ.
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YONKERS, NEW YORK 10703
(914) 969-2992



#68
5/29/03

FAX COVER SHEET

To: Mr. Don Fairchild

From: Raymond A. Joao, Esq.

Date: May 22, 2003

Fax No.: 1-703-305-4372

No. Pages: 11 (including cover)

Re: U.S. Patent No. 6,542,076

Mr. Fairchild:

Please find transmitted herewith the 1449s with the references which were left out of the issued patent. They correspond to IDSs filed on May 6, 2002, May 15, 2002, June 18, 2002 and July 18, 2002. They include six non-patent references.

A handwritten signature in black ink, appearing to read "Raymond A. Joao".

Raymond A. Joao
Reg. No. 35,907

#68

PTO/SB/08A (10-01)

Approved for use through 10/31/2003. OMB 0891-0031

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| Attorney Docket Number | RJ315 | | |
| Sheet | 1 | of | 1 |

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| | | Country Code ³ - Number ⁴ - Kind Code ⁴ (if known) | Publication Date MM-DD-YYYY | | | |
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| Examiner Signature |  | Date Considered | 6/18/02 |
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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| | Application Number | 09/551,365 |
| | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Art Unit | 2632 |
| Examiner Name | V. TRIED | |
| Attorney Docket Number | RJ315 | |
| Sheet | 1 of | 6 |

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| Attorney Docket Number | RJ315 | | |
| Sheet | 2 | of | 6 |

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| | | | Application Number | 09/551,365 | |
| | | | Filing Date | APRIL 17, 2000 | |
| | | | First Named Inventor | RAYMOND A. JOAO | |
| | | | Art Unit | 2632 | |
| | | | Examiner Name | V. TRIEU | |
| Sheet | 3 | of | 6 | Attorney Docket Number | RJ315 |

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| Examiner Signature | <i>[Signature]</i> | Date Considered | 6/18/02 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | RJ315 |
| Sheet | 4 of 6 | | |

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| Examiner Signature | | Date Considered | 8/15/02 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 09/551,365 |
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| Sheet 5 of 6 | | | | First Named Inventor | RAYMOND A. JOAO |
| | | | | Art Unit | 2632 |
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| | Application Number | 09/551,365 |
| | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Art Unit | 2632 |
| | Examiner Name | V. TRIEU |
| Sheet | 6 | of 6 |
| | Attorney Docket Number | RJ315 |

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| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| Attorney Docket Number | RJ315 | | |
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| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Group Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | RJ315 |
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| Examiner Signature: <i>Van Trieu</i> | Date Considered: 6/19/02 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| Attorney Docket Number | RJ315 | | |
| Sheet | 1 | of | 1 |

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| Examiner Initials | Cite No. 1 | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code* (if known) | | | |
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| | | Country Code 2 | Number - Kind Code* (if known) | | | | |
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| Examiner Signature | <i>Van Trieu</i> | Date Considered | 7/24/02 |
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RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NEW YORK 10703
(914) 969-2992

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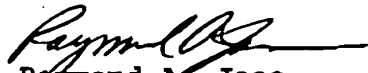
Fax No.: 1-703-305-4372

No. Pages: 7 (including cover)

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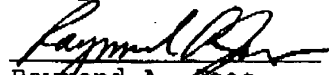
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CERTIFICATE OF CORRECTION OF OFFICE MISTAKE PURSUANT TO 37
C.F.R. §1.322 for the above-identified U.S. Patent.



Raymond A. Joao
Reg. No. 35,907

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Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO.: 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : SEPTEMBER 25, 2002
CONFIRMATION NO.: 1497

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Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

This is a Request for a Corrected Filing Receipt in the above-identified application. The Filing Receipt, mailed November 6, 2002, contains an error in the Domestic Priority data as claimed by Applicant. The Filing Receipt

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also indicates the incorrect number of total claims in the above-identified application and the incorrect number of independent claims in the above-identified application.

The Domestic Priority data noted in the Filing Receipt, mailed November 6, 2002, refers to an incorrect Provisional Patent Application. The above-identified application claims the benefit of priority of U.S. Provisional Patent Application Serial No. 60/190,379, filed March 17, 2000. The above-identified filing receipt, mailed November 6, 2002, incorrectly refers to a U.S. Provisional Patent Application Serial No. 60/140,379, filed June 22, 1999.

Applicant submits herewith a copy of the Filing Receipt, mailed November 6, 2002, with the corrections made to the Domestic Priority data indicated thereon.

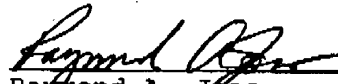
The Filing Receipt also incorrectly indicates that there are 20 (twenty) total claims, and 3 (three) independent claims, in the above-identified application. Applicant respectfully submits that the above-identified application contains 218 (two hundred and eighteen) total claims and 15 (fifteen) independent claims. The above-

referenced copy of the Filing Receipt has also been corrected in order to indicate the correct total number of claims and the correct number of independent claims.

Applicant respectfully requests that the Filing Receipt be corrected to indicate the above corrections.

Applicant further respectfully requests that a Corrected Filing Receipt, containing the above corrections, be issued in the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encl. : Copy of Filing receipt mailed November 6, 2002
which corrections shown thereon

November 12, 2002
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



Commissioner for Patents
Washington, DC 20591
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| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/551,365 | 04/17/2000 | 2832 | 2619 | RJ315 | 20 | 20 218 | 215 |

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

CONFIRMATION NO. 1497
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Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Raymond Anthony Joao, Yonkers, NY;

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Domestic Priority data as claimed by applicant

This application is a CIP of 09/277,935 03/29/1999
which is a CON of 08/883,828 07/18/1996 PAT 5,917,405
which is a CIP of 08/587,828 01/17/1996 ABN
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which is a CON of 08/073,755 06/08/1993 ABN
and said 08/883,828 07/18/1996
is a CIP of 08/822,749 03/27/1996 ABN
This application 09/551,365
claims benefit of 60/187,735 03/08/2000
and claims benefit of ~~60/140,870 06/22/1999~~
60/190,379 03/17/2000

Foreign Applications

If Required, Foreign Filing License Granted 06/21/2000

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

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Title

CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Preliminary Class

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L2 89498 (portable or remot\$3) near4 (control\$4 or transmit\$4 or communicat\$3)
L3 230472 (second or third) near2 (control\$4 or transmit\$4 or communicat\$3)
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L2 89498 (portable or remot\$3) near4 (control\$4 or transmit\$4 or communicat\$3)
L3 53373 third near2 (control\$4 or transmit\$4 or communicat\$3)
L4 23 1 and 2 and 3 and (automatic\$4 near2 receiv\$3)
L5 269 1 and 2 and 3
L6 6556 third adj (controller or device or unit or module)
L7 14 5 and 6
L8 29531 (enabl\$3 or disabl\$3 or activat\$3 or deactivat\$3) near7 (premise or hous\$3 or building)
L9 72 1 and 3 and 8

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| US 5618242 A | Apparatus for torque- | 475/72 | 475/76 ; 475/91 ; 475/93 |
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| US 5600979 A | Vehicle anti-theft syst | 70/252 | 180/287 ; 307/10.3 ; 340/430 ; 70/209 ; 70/237 ; 70/368 |
| US 5598887 A | Air conditioner for veh | 165/202 | 165/240 ; 62/196.4 ; 62/324.6 ; 62/90 |
| US 5595495 A | Electrified interior spa | 439/215 | 174/49 |
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| US 5593214 A | Railway parking brakii | 303/7 | 303/15 ; 303/20 ; 303/69 ; 303/71 |
| US 5588038 A | System and method fr | 340/7.1 | 340/7.23 ; 340/993 ; 455/12.1 |
| US 5586812 A | Railway braking appa | 303/7 | 188/170 ; 303/15 ; 303/20 ; 303/71 ; 303/9.76 |
| US 5583486 A | Security access arran | 340/572.1 | 180/287 ; 307/10.2 ; 340/426 ; 340/5.62 ; 340/5.72 ; 340 |
| US 5582278 A | Pulse width modulate | 192/3.3 | 192/109F |
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| US 5397925 A | Self-contained anti-th | 307/10.3 | 180/287 ; 340/426 |
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| US 5318378 A | Method and apparatus | 404/75 | 404/84.1 ; 404/90 |
| US 5307271 A | Reflexive teleoperator | 701/24 | 180/169 ; 318/568.12 ; 700/253 |
| US 5305844 A | Remote steering of or | 180/24.01 | 180/400 ; 180/409 ; 280/93.502 |
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| US 5293160 A | Keyless vehicle lock s | 340/5.3 | 307/10.2 ; 340/5.61 ; 340/5.72 ; 340/540 ; 342/118 |
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| US 5222661 A | Vehicle interior air cor | 236/49.3 | 237/12.3C ; 237/2A ; 454/129 ; 454/75 |
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| US 5094646 A | Controller for remote | 1446/491 | 273/148B ; 446/456 |
| US 5091855 A | Operation control syst | 701/23 | 180/168 |
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| US 4958084 A | Self-contained anti-thr | 307/10.2 | 307/10.1 ; 340/426 ; 340/428 |
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| US 4942747 A | Operator lockout prev | 70/263 | 70/277 |
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| US 4916983 A | Override control for v | 477/125 | 74/480R ; 74/483R |
| US 4897644 A | Radio-wave transmis | 340/5.62 | 180/287 ; 307/10.2 ; 340/5.72 ; 340/825.69 ; 70/257 |
| US 4883244 A | Satellite attitude deter | 244/171 | 244/164 ; 244/166 ; 342/354 ; 342/355 ; 701/226 |
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| US 6233545 B1 | Universal machine tra | 704/2 | 704/9 ; 706/62 |
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RAYMOND A JOAO

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FAX COVER SHEET

To: Office Of Initial Patent Examination's Filing
Receipt Corrections
703-746-9195

From: Raymond A. Joao, Esq.

Date: November 12, 2002

Fax No.: 1-703-746-9195

No. Pages: 6 (including cover)

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Technology Center 2600

Re: U.S. Patent Application Serial No. 09/551,365

To Whom It may Concern:

Please find transmitted herewith a Request For Corrected
Filing Receipt in the above-identified application.

Respectfully Submitted,



Raymond A. Joao
Reg. No 35,907

Received from < 9149692992 > at 11/12/02 4:45:01 PM [Eastern Standard Time]

RAM Fee History
 Query
 Revenue Accounting and Management

Name/Number: 09551365

Total Records Found: 11

Start Date: Any Date

End Date: Any Date

| Accounting Date | Sequence Num. | Tran Type | Fee Code | Fee Amount | Mailroom Date | Payment Method |
|-----------------|---------------|-----------|------------|------------|---------------|----------------|
| 04/27/2000 | 00000116 | <u>1</u> | <u>201</u> | \$345.00 | 04/17/2000 | OP |
| 03/29/2001 | 00000057 | <u>1</u> | <u>202</u> | \$40.00 | 03/28/2001 | OP |
| 03/29/2001 | 00000058 | <u>1</u> | <u>203</u> | \$54.00 | 03/28/2001 | OP |
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| 04/17/2001 | 00000001 | <u>1</u> | <u>203</u> | \$198.00 | 04/16/2001 | OP |
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| 05/23/2001 | 00000002 | <u>1</u> | <u>203</u> | \$180.00 | 05/22/2001 | OP |
| 05/23/2001 | 00000003 | <u>1</u> | <u>248</u> | \$55.00 | 05/22/2001 | OP |
| 05/23/2001 | 00000004 | <u>1</u> | <u>248</u> | \$55.00 | 05/22/2001 | OP |
| 08/30/2001 | 00000005 | <u>1</u> | <u>242</u> | \$620.00 | 08/29/2001 | OP |
| 08/31/2001 | 00000002 | <u>1</u> | <u>564</u> | \$15.00 | 08/29/2001 | OP |

Petition Maintenance

File Edit View Show

Application
 Application No: 03551365 Patent No:

Title of Invention: CONTROL MONITORING AND/OR SECURITY APPARATUS AND METHOD

Filing Date: 04/17/2000 Issue Date:

Inventor Name: JOAO, RAYMOND ANTHONY

| Mailroom Date | Match | Initial Type | Decided Type | Decision | Decision Date |
|---------------|-------|--------------|--------------|----------|---------------|
| 09/23/2002 | N | 505 | 505 | GRANTED | 09/23/2002 |
| 05/06/2002 | N | 505 | 505 | GRANTED | 05/06/2002 |
| 10/26/2001 | Y | 505 | 505 | GRANTED | 11/30/2001 |

Petition Detail

Mailroom Date * Decision: <NONE>

Cert. of Mail Date Decision Date: Next Business Day

Initial Petition Type * Decided Petition Type:

Initial Deciding * Office: Final Deciding Office:

Matched to Application Petitions Examiner:

Reconsidered/Renewed

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RAYMOND A JOAO

PAGE 01

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RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NEW YORK 10703
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FAX COVER SHEET

To: Office Of Initial Patent Examination's Filing
Receipt Corrections
703-746-9195

From: Raymond A. Joao, Esq.

Date: October 11, 2002

Fax No.: 1-703-746-9195

No. Pages: 7 (including cover)

Re: U.S. Patent Application Serial No. 09/551,365

To Whom It may Concern:

Please find transmitted herewith a Request For Corrected
Filing Receipt in the above-identified application.

Respectfully Submitted,



Raymond A. Joao
Reg. No 35,907

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I hereby certify that this correspondence is being transmitted via facsimile transmission to the Office of Initial Patent Examinations Filing Receipts Corrections at 703-746-9195 on October 11, 2002.


Raymond A Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO. : 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : SEPTEMBER 25, 2002

CONFIRMATION NO. : 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

This is a Request for a Corrected Filing Receipt in the above-identified application. The Filing Receipt, mailed October 8, 2002, contains an error in the Domestic Priority data as claimed by Applicant. The Filing Receipt

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also indicates the incorrect number of total claims in the above-identified application and the incorrect number of independent claims in the above-identified application.

The Domestic Priority data noted in the Filing Receipt, mailed October 8, 2002, incorrectly indicates that the parent U.S. Patent Application Serial No. 09/277,935, filed March 29, 1999, is a continuation-in-part application of U.S. Patent Application Serial No. 08/587,628, filed January 17, 1996, abandoned. Applicant respectfully submits that the parent U.S. Patent Application Serial No. 09/277,935 is a continuation application of U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, which is a continuation-in-part application of U.S. Patent Application Serial No. 08/587,628, filed January 17, 1996, now abandoned, which is a continuation application of U.S. Patent Application Serial No. 08/489,238, filed June 12, 1995, now U.S. Patent No. 5,513,244, which is a continuation application of U.S. Patent Application Serial No. 08/073,755, filed June 8, 1993, now abandoned.

In addition, the Filing Receipt, mailed October 8, 2002, does not reflect that the parent U.S. Patent

Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, is also a continuation-in-part application of U.S. Patent Application Serial No. 08/622,749, filed March 27, 1996, now abandoned.

Further, the Filing Receipt, mailed October 8, 2002, does not include Applicant's claim of the benefit of the priority of each of U.S. Provisional Patent Application Serial No. 60/187,735, filed March 8, 2000, and U.S. Provisional Patent Application Serial No. 60/190,379, filed March 17, 2000.

Applicant submits herewith a copy of the Filing Receipt, mailed October 8, 2002, with the corrections made to the Domestic Priority data indicated thereon.

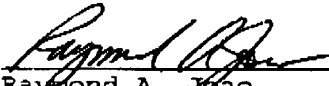
The Filing Receipt also incorrectly indicates that there are 20 (twenty) total claims, and 3 (three) independent claims, in the above-identified application. Applicant respectfully submits that the above-identified application contains 218 (two hundred and eighteen) total claims and 15 (fifteen) independent claims. The above-referenced copy of the Filing Receipt has also been

corrected in order to indicate the correct total number of claims and the correct number of independent claims.

Applicant respectfully requests that the Filing Receipt be corrected to indicate the above corrections.

Applicant further respectfully requests that a Corrected Filing Receipt, containing the above corrections, be issued in the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encl. : Copy of Filing receipt mailed October 8, 2002 which corrections shown thereon

October 11, 2002
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



Commissioner for Patents
Washington, DC 20231
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|------------|------------|
| 09/551,365 | 04/17/2000 | 2632 | 2619 | RJ315 | 20 | 20 215 | 2 15 |

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

CONFIRMATION NO. 1497
CORRECTED FILING RECEIPT
OC00000008917738

Date Mailed: 10/08/2002

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Raymond Anthony Joao, Yonkers, NY;

Domestic Priority data as claimed by applicant

This application is a CIP of 09/277,935 03/29/1999
which is a CON of 08/683,828 07/18/1996 PAT 5,917,405
which ~~and~~ is a CIP of 08/587,828 01/17/1996 ABN
which is a CON of 08/489,238 06/12/1995 PAT 5,513,244
which is a CON of 08/073,755 08/08/1993 ABN and which application 08/683,828 07/18/1996
PAT 5,917,405 is also a CIP of 08/622,749 03/27/1996 ABN

Foreign Applications *This application also claims the benefit of priority of U.S. Provisional Application Serial No. 60/157,735 03/02/2000 and U.S. Provisional Application Serial No. 60/190,379 03/17/2000*

If Required, Foreign Filing License Granted 06/21/2000

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Received from < 9149692992 > at 10/11/02 3:08:49 PM [Eastern Daylight Time]

Preliminary Class

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**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



Best Available Copy 12

cu

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231
Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (NOTE: Legibly make-up with any corrections or use Block 1)
7590 09/25/2002

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Patent Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below. **MAIL DELIVERED**
RAYMOND A. JOAO (Depositor's name)
Raymond A Joao (Signature)
SEPTEMBER 30, 2002 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$0 | \$0 | \$0 | 12/26/2002 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| TRIEU, VAN THANH | 2632 | 340-539000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. RAYMOND A. JOAO, ESQ.
2. _____
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

- Issue Fee **PREVIOUSLY PAID**
- Publication Fee
- Advance Order - # of Copies **10**

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) **Raymond A Joao** REG. NO. **35907** (Date) **9/30/02**

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (REV. 04-02) Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

10/01/2002 SFELENE2 00000038 09551365
01 FC:561

02/03/2002 09551365
01 FC:550



#65
11/14/02
AGT

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on September 30, 2002.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : SEPTEMBER 25, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

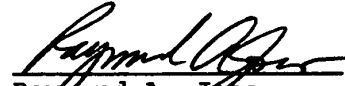
STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS, FOR PAYMENT OF ISSUE FEE, PURSUANT TO 37 C.F.R. §1.27(g)

Sir:

Applicant is a Small Entity and, therefore, Small Entity Status is entitled to be asserted for the above-

identified application.

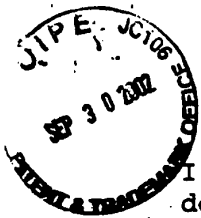
Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

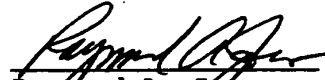
September 30, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



#66
11/14/02
AGT

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on September 30, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : SEPTEMBER 25, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE


Sir:

This is Applicant's Comments On Statement Of Reasons For Allowance in the above-identified application. Entry of this Comments On Statement Of Reasons For Allowance is respectfully requested.

Applicant hereby incorporates by reference herein, and hereby re-asserts, Applicant's comments and reasons for allowance submitted by Applicant in the Applicant's Comments On Statement Of Reasons For Allowance filed August 19, 2002 in the above-identified application. Applicant's Comments On Statement Of Reasons For Allowance filed August 19, 2002, in the above-identified application, are hereby incorporated by reference herein as if stated fully herein and are hereby re-submitted as Applicant's Comments On Statement Of Reasons For Allowance in response to the Examiner's Statement of Reasons for Allowance which accompanied the Notice Of Allowance mailed September 25, 2002.

Entry of the above Comments On Statement Of Reasons For Allowance is respectfully requested.

Respectfully Submitted,

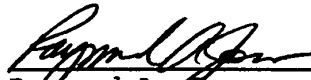

Raymond A. Joao
Reg. No. 35,907

September 30, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on September 30, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : SEPTEMBER 25, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

COMMUNICATION

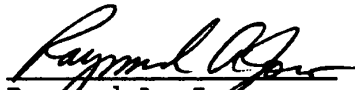
Sir:

This is a Communication in the above-identified application. The co-pending application referred to in the Communication, filed September 23, 2002, which application was filed in the name of Applicant Raymond A. Joao on

September 16, 2002 and entitled "CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD", has been assigned U.S. Patent Application Serial No. 10/244,334.

Entry of this Communication is respectfully requested.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

September 30, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

Paper No.

RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS NY 10703

COPY MAILED

SEP 23 2002

OFFICE OF PETITIONS
ON PETITION

In re Application of :
Raymond A. Joao :
Application No. 09/551,365 :
Filed: April 17, 2000 :
Attorney Docket No. RJ315 :

This is a decision on the petition, filed September 23, 2002, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on August 19, 2002 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (703) 305-8859.

After receipt of the file in the Office of Petitions, the application will be forwarded to Technology Center AU 2632 for processing of the request for continued examination under 37 CFR 1.114.

Karen Cressy

Karen Cressy
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to *timely* request *in writing* that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.



I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on September 30, 2002.

Raymond A. Joao
Raymond A. Joao

#67
[Signature]
11-21-02

RJ315

Match and Return

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

Match and Return

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : SEPTEMBER 25, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

ISSUE FEE TRANSMITTAL LETTER AND REQUEST TO APPLY PREVIOUSLY PAID ISSUE FEE TO THE NEW NOTICE OF ALLOWANCE

Sir:

Applicant submits herewith the following papers for entry in the above-identified application:

1. ISSUE FEE TRANSMITTAL FORM PTOL-85;

Match and Return

2. Copy of Office of Petitions Decision correspondence, mailed September 23, 2002;
3. STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS, FOR PAYMENT OF ISSUE FEE, PURSUANT TO 37 C.F.R. §1.27(g);
4. Credit Card Payment Form for payment of \$30.00 for payment for ten (10) advance order copies of the Patent;
5. A Fee Transmittal Sheet (in duplicate) for payment for Applicant's advance order of ten (10) copies of the Patent;
6. COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE;
7. COMMUNICATION; and
8. Return Receipt Postcard.

As noted above, Applicant submits herewith an ISSUE FEE TRANSMITTAL FORM PTOL-85. Applicant hereby requests to apply the Issue Fee of \$640.00, which was previously paid in the above-identified application, to the New Notice Of Allowance mailed September 25, 2002.

Please note that the Issue Fee of \$640.00 was previously paid in the above-identified application and that such payment was acknowledged by the U.S. Patent & Trademark Office in the Office of Petitions Decision correspondence, mailed September 23, 2002. Applicant submits herewith a copy of the Office of Petitions Decision correspondence, mailed September 23, 2002. In view of the above, Applicant

respectfully requests that the above-identified payment of \$640.00 be applied towards payment of the Issue Fee in the above-identified application.

Applicant also submits herewith a STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS, FOR PAYMENT OF ISSUE FEE, PURSUANT TO 37 C.F.R. §1.27(g). Applicant is a Small Entity and, therefore, Small Entity Status is entitled to be asserted for the above-identified application.

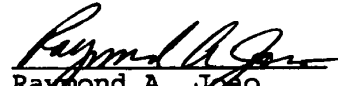
Applicant also submits herewith a Credit Card Payment Form for payment of \$30.00 for payment for Applicant's advance order of ten (10) copies of the Patent. A Fee Transmittal Sheet (in duplicate) for payment for Applicant's advance order of ten (10) copies of the Patent is also submitted herewith.

Applicant also submits herewith COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE for entry into the above-identified application.

Applicant also submits herewith a COMMUNICATION.

Applicant respectfully requests that the above-identified papers and payments be entered into the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

September 30, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 09/25/2002
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

EXAMINER

TRIEU, VAN THANH

ART UNIT CLASS-SUBCLASS

2632

340-539000

DATE MAILED: 09/25/2002

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 09/551,365, 04/17/2000, Raymond Anthony Joao, RJ315, 1497

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Table with 6 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE(S) DUE, DATE DUE
Values: nonprovisional, YES, \$0, \$0, \$0, 12/26/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
[] Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE
 Commissioner for Patents
 Washington, D.C. 20231
Fax (703)746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)
 7590 09/25/2002

Raymond A Joao Esq
 122 Bellevue Place
 Yonkers, NY 10703

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

| |
|--------------------|
| (Depositor's name) |
| (Signature) |
| (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$0 | \$0 | \$0 | 12/26/2002 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| TRIEU, VAN THANH | 2632 | 340-539000 |

| | |
|---|---|
| <p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p> | <p>2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.</p> <p>1 _____</p> <p>2 _____</p> <p>3 _____</p> |
|---|---|

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

| | |
|---|---|
| <p>4a. The following fee(s) are enclosed:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p> | <p>4b. Payment of Fee(s):</p> <p><input type="checkbox"/> A check in the amount of the fee(s) is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p> |
|---|---|

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) _____ (Date) _____

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |
| | 7590 09/25/2002 | | EXAMINER | |
| Raymond A Joao Esq 122 Bellevue Place Yonkers, NY 10703 UNITED STATES | | | TRIEU, VAN THANH | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2632 | |
| DATE MAILED: 09/25/2002 | | | | |

Determination of Patent Term Extension under 35 U.S.C. 154 (b)
(application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER. Includes address for Raymond A Joao Esq and date mailed: 09/25/2002.

Notice of Possible Fee Increase on October 1, 2002

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2002, then the amount due may be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there may be an increase in fees effective on October 1, 2002. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Notice of Proposed Rulemaking, 67 Fed. Reg. 30634, 30636 (May 7, 2002).

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of any fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after October 1, 2002 (or mailed with a certificate of mailing on or after October 1, 2002), the issue fee paid should be the fee that is required at the time the fee is paid.

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

5

| | | | |
|-------------------------------|------------------------|-----------------------|--|
| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/551,365 | JOAO, RAYMOND ANTHONY | |
| | Examiner | Art Unit | |
| | Van T Trieu | 2632 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the Preliminary Amendment filed on 23 Sep 2002.
2. The allowed claim(s) is/are 47, 62, 91, 92, 112 and 115-327.
3. The drawings filed on 17 October 2001 are acceptable as formal drawings.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.
5. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

6. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. Applicant MUST submit NEW FORMAL DRAWINGS
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached
 - 1) hereto or 2) to Paper No. _____.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- | | |
|--|---|
| <input type="checkbox"/> Notice of References Cited (PTO-892) | <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | <input type="checkbox"/> Examiner's Amendment/Comment |
| <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | <input type="checkbox"/> Other |

59

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance: The Examiner's reasons for allowance are those comments and reasons set forth by Applicant in the Applicant's Comments on Statement of Reasons for Allowance, filed August 19, 2002.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to primary examiner **Van Trieu** whose telephone number is (703) 308-5220. The examiner can normally be reached on Mon-Fri from 7:00 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. **Jeffery Hofsass** can be reached on (703) 305-4717.

The office facsimile number is (703) 872-9314.



Van Trieu
Primary Examiner
Date: 9/24/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

#55

| | | |
|--|------------------------|-----------------|
| REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL Address to: Commissioner for Patents Box RCE Washington, DC 20231 | Application Number | 09/551,365 |
| | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Art Unit | 2632 |
| | Examiner Name | V. TRIEU |
| | Attorney Docket Number | RJ315 |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
 Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114**

a. Previously submitted

i. Consider the amendment(s)/reply under 37 CFR 1.116 previously filed on _____
 (Any unentered amendment(s) referred to above will be entered).

ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

iii. Other _____

b. Enclosed

i. Amendment/Reply

ii. Affidavit(s)/Declaration(s)

iii. Information Disclosure Statement (IDS)

iv. Other PRELIMINARY AMENDMENT

2. **Miscellaneous**

a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

b. Other _____

3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. _____

i. RCE fee required under 37 CFR 1.17(e)

ii. Extension of time fee (37 CFR 1.136 and 1.17)

iii. Other _____

b. Check in the amount of \$ _____ enclosed

c. Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | | | |
|-------------------|------------------------|-----------------------------------|---------|
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature | <i>Raymond A. Joao</i> | Date | 9/23/02 |

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office at the address shown below. **HAND DELIVERED TO OFFICE OF PETITIONS ON SEPT. 23, 2002**


| | |
|-------------------|------------------------|
| Name (Print/Type) | RAYMOND A. JOAO |
| Signature | <i>Raymond A. Joao</i> |
| Date | 9/23/02 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND Fees and Completed Forms to the following address: Assistant Commissioner for Patents, Box RCE, Washington, DC 20231.

370.00 DP
 09/23/2002
 02 FC:279

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#56/N
H. McNeil
9-25-02


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

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OFFICE OF PETITIONS

PRELIMINARY AMENDMENT

Sir:

This is a Preliminary Amendment in the above-identified application. Entry of this Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

Please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please amend the Specification as follows:

Please replace the paragraph starting on Page 2, line 2, with the following new paragraph:

RELATED APPLICATIONS

-- This application is a continuation-in-part application of U.S. Patent Application Serial No. 09/277,935, filed March 29, 1999, which is a continuation application of U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, which is a continuation-in-part application of U.S. Patent Application Serial No. 08/587,628, filed January 17, 1996, abandoned, which is a continuation application of U.S. Patent Application Serial No. 08/489,238, filed June 12, 1995, now U.S. Patent No. 5,513,244, which is a continuation application of U.S. Patent Application Serial No. 08/073,755, filed June 8, 1993, abandoned, and which U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, is also a continuation-in-part application

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cont.

NI
CMLd

of U.S. Patent Application Serial No. 08/622,749, filed March 27, 1996, abandoned. This application also claims the benefit of priority of U.S. Provisional Patent Application Serial No. 60/187,735, filed March 8, 2000, and U.S. Provisional Patent Application Serial No. 60/190,379, filed March 17, 2000. --

MARKED-UP VERSION SHOWING CHANGES MADE TO THE SPECIFICATION:

Paragraph beginning on Page 2, line 2:

This application is a continuation-in-part application of U.S. Patent Application Serial No. 09/277,935, filed March 29, 1999, which is a continuation application of U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, which is a continuation-in-part application of U.S. Patent Application Serial No. 08/587,628, filed January 17, 1996, abandoned, which is a continuation application of U.S. Patent Application Serial No. 08/489,238, filed June 12, 1995, now U.S. Patent No. 5,513,244, which is a continuation application of U.S. Patent Application Serial No. 08/073,755, filed June 8, 1993, abandoned, and which U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, is also a continuation-in-part application of U.S. Patent Application Serial No. 08/622,749, filed March 27, 1996, abandoned. This application also claims the benefit of

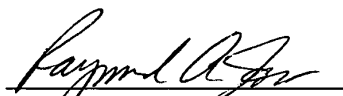
priority of U.S. Provisional Patent Application Serial No. 60/187,735, filed March 8, 2000, and U.S. Provisional Patent Application Serial No. 60/190,379, filed March 17, 2000. [This application is a continuation-in-part application of U.S. Patent Application Serial No. 09/277,935, filed March 29, 1999, which is a continuation application of U.S. Patent Application Serial No. 08/683,828, filed July 18, 1996, now U.S. Patent No. 5,917,405, a continuation-in-part application of U.S. Patent Application Serial No. 08/622,749, filed March 27, 1996, abandoned, and a continuation-in-part application of U.S. Patent Application Serial No. 08/587,628, filed January 17, 1996, abandoned, which in turn is a continuation application of U.S. Patent Application Serial No. 08/489,238, filed June 12, 1995, now U.S. Patent No. 5,513,244, which in turn is a continuation application of U.S. Patent Application Serial No. 08/073,755, filed June 8, 1993, abandoned. This application also claims the benefit of priority of U.S. Provisional Patent Application Serial No. 60/187,735, filed March 8, 2000, and U.S. Provisional Patent Application Serial No. 60/190,379, filed March 17, 2000.]

REMARKS

This is a Preliminary Amendment in the above-identified application. Applicant has amended the Specification so as to replace the paragraph beginning on Page 2, line 2, in order to correctly refer to the prior filed co-pending applications to which the benefit of priority is claimed.

Applicant respectfully submits that no new matter is added by the above amendment to the Specification. Entry of this Preliminary Amendment is respectfully requested.

Respectfully Submitted,

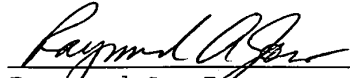

Raymond A. Joao
Reg. No. 35,907

September 23, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

#57

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on September 23, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

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Assistant Commissioner For Patents
Washington, D.C. 20231

PETITION TO WITHDRAW APPLICATION FROM ISSUE TRANSMITTAL LETTER

Sir:

Please find transmitted herewith the following:

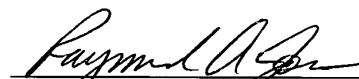
1. Petition To Withdraw Application From Issue After Issue Fee Has Been Paid, Pursuant To 37 C.F.R. §1.313(c)(2);

09/23/2002 AKELLEY 00000010 09551365

01 FC:122 130.00 OP

2. Fee Transmittal Sheet (in duplicate) corresponding to payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h);
3. Credit Card Payment Form for payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h);
4. Request For Continued Examination (RCE) Transmittal form;
5. Preliminary Amendment;
6. Fee Transmittal Sheet (in duplicate) corresponding to the payment of \$370.00 for the required fee for the Request For Continued Examination (RCE) under 37 C.F.R. §1.17(e);
7. Credit Card Payment Form for payment of \$370.00 for the required fee for the Request For Continued Examination (RCE) under 37 C.F.R. §1.17(e);
8. Communication; and
9. Return receipt postcard.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

September 23, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

#57

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on September 23, 2002.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

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SEP 23 2002
OFFICE OF PETITIONS

PETITION TO WITHDRAW APPLICATION FROM ISSUE AFTER ISSUE FEE HAS BEEN PAID, PURSUANT TO 37 C.F.R. §1.313(c)

Sir:

This is a Petition To Withdraw Application From Issue After Issue Fee Has Been Paid, Pursuant to 37 C.F.R. §1.313(c).

Applicant hereby petitions and respectfully requests that the

Adjustment date: 09/23/2002 AKELLEY
02/22/2002 SSESHE2 00000072 09551365
01 FC:242 -640.00 OP
09/23/2002 AKELLEY 00000017 09551365
01 FC:242 640.00 OP

Commissioner withdraw the above-identified application from issue, after the issue fee has been paid, in order to allow for the consideration of a Request For Continued Examination, in compliance with 37 C.F.R. §1.114, in the above-identified application.

Applicant submits herewith a Request for Continued Examination (RCE) in compliance with 37 C.F.R. §1.114 in the above-identified application. Applicant submits herewith a Request for Continued Examination (RCE) Transmittal form in compliance with 37 C.F.R. §1.114, a Preliminary Amendment containing an amendment to the Specification, and a Credit Card Payment Form for payment of \$370.00 for the required fee under 37 C.F.R. §1.17(e) for the Request for Continued Examination (RCE). A Fee Transmittal Sheet (in duplicate) for payment of \$370.00 for the required RCE fee under 37 C.F.R. §1.17(e) is also submitted herewith.

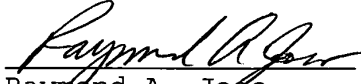
Applicant also submits herewith a Credit Card Payment Form for payment of \$130.00 for the required fee for this Petition pursuant to 37 C.F.R. §1.17(h). A Fee Transmittal Sheet (in duplicate) for payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h) is also submitted herewith.

Applicant respectfully petitions and requests that the Commissioner withdraw the above-identified application from issue in order to allow for the consideration of Applicant's Request for Continued Examination, which is in compliance with 37 C.F.R. §1.114, along with the above-referenced Preliminary Amendment.

A Communication is also submitted herewith.

In view of the above, Applicant respectfully requests that this Petition be granted, that the above-identified application be withdrawn from issue, and that Applicant's Request for Continued Examination be considered in the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

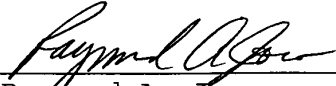
- Encls. - Request for Continued Examination (RCE) Transmittal form in compliance with 37 C.F.R. §1.114;
- Preliminary Amendment;
- Credit Card Payment Form for payment of \$370.00 for the required RCE fee under 37 C.F.R. §1.17(e);
- Fee Transmittal Sheet (in duplicate) for payment of \$370.00 for the required RCE fee under 37 C.F.R. §1.17(e);
- Credit Card Payment Form for payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h);
- Fee Transmittal Sheet (in duplicate) for payment of

\$130.00 for the required fee for this Petition under 37
C.F.R. §1.17(h)
- Communication

September 23, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on September 23, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

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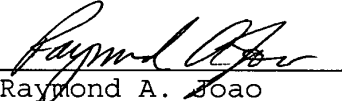
COMMUNICATION

Sir:

This is a Communication in the above-identified application. Applicant hereby notifies the Examiner of the existence of co-pending U.S. Patent Application, filed September 16, 2002, in the name of Applicant Raymond A. Joao and entitled "CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD".

The co-pending U.S. Patent Application, filed September 16, 2002, claims the benefit of priority of the above-identified application. No serial number has been received by Applicant for the co-pending application, filed September 16, 2002, as of the time of the filing of this Communication. Applicant has transmitted herewith a copy of the claims which are currently pending in the co-pending application, filed September 16, 2002, for the Examiner's convenience.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encl.: Claims of co-pending U.S. Patent Application filed
September 16, 2002 (5 pages)

September 23, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

CLAIMS

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What Is Claimed Is:

1. A control apparatus, comprising:

a first control device, wherein the first control device is capable of controlling one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for controlling the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from

the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

2. A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for controlling at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of controlling one or more of a plurality of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third

signal and transmits a third signal for controlling the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

3. A control apparatus, comprising:

a first control device, wherein the first control device is capable of controlling one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device at least one of generates a first signal and transmits a first signal for controlling the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from

the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office Washington, D.C. 20231 www.uspto.gov

Paper No. 58

RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS NY 10703

COPY MAILED

SEP 23 2002

OFFICE OF PETITIONS ON PETITION

In re Application of Raymond A. Joao Application No. 09/551,365 Filed: April 17, 2000 Attorney Docket No. RJ315

This is a decision on the petition, filed September 23, 2002, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is GRANTED.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on August 19, 2002 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.1

Telephone inquiries should be directed to the undersigned at (703) 305-8859.

After receipt of the file in the Office of Petitions, the application will be forwarded to Technology Center AU 2632 for processing of the request for continued examination under 37 CFR 1.114.

Karen Creasy

Karen Creasy Petitions Examiner Office of Petitions Office of the Deputy Commissioner for Patent Examination Policy

1 The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to timely request in writing that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.

RAM Fee History Query

Revenue Accounting and Management

Name/Number: 09551365

Total Records Found: 26

Start Date: Any Date

End Date: Any Date

| Accounting Date | Sequence Num. | Tran Type | Fee Code | Fee Amount | Mailroom Date | Payment Method |
|-----------------|---------------|-----------|------------|------------|---------------|----------------|
| 04/27/2000 | 00000116 | <u>1</u> | <u>201</u> | \$345.00 | 04/17/2000 | OP |
| 03/29/2001 | 00000057 | <u>1</u> | <u>202</u> | \$40.00 | 03/28/2001 | OP |
| 03/29/2001 | 00000058 | <u>1</u> | <u>203</u> | \$54.00 | 03/28/2001 | OP |
| 03/29/2001 | 00000059 | <u>1</u> | <u>215</u> | \$55.00 | 03/28/2001 | OP |
| 04/17/2001 | 00000001 | <u>1</u> | <u>203</u> | \$198.00 | 04/16/2001 | OP |
| 04/17/2001 | 00000002 | <u>1</u> | <u>202</u> | \$200.00 | 04/16/2001 | OP |
| 05/23/2001 | 00000002 | <u>1</u> | <u>203</u> | \$180.00 | 05/22/2001 | OP |
| 05/23/2001 | 00000003 | <u>1</u> | <u>248</u> | \$55.00 | 05/22/2001 | OP |
| 05/23/2001 | 00000004 | <u>1</u> | <u>248</u> | \$55.00 | 05/22/2001 | OP |
| 08/30/2001 | 00000005 | <u>1</u> | <u>242</u> | \$620.00 | 08/29/2001 | OP |
| 08/31/2001 | 00000002 | <u>1</u> | <u>564</u> | \$15.00 | 08/29/2001 | OP |
| 10/29/2001 | 00000004 | <u>1</u> | <u>122</u> | \$130.00 | 10/26/2001 | OP |
| 10/29/2001 | 00000005 | <u>1</u> | <u>279</u> | \$370.00 | 10/26/2001 | OP |
| 12/19/2001 | 00000002 | <u>1</u> | <u>202</u> | \$252.00 | 12/18/2001 | OP |
| 02/01/2002 | 00000002 | <u>1</u> | <u>203</u> | \$1,350.00 | 01/31/2002 | OP |
| 02/22/2002 | 00000119 | <u>1</u> | <u>242</u> | -\$620.00 | 08/29/2001 | OP |
| 02/22/2002 | 00000120 | <u>1</u> | <u>242</u> | \$640.00 | 02/19/2002 | OP |
| 02/22/2002 | 00000121 | <u>1</u> | <u>561</u> | \$30.00 | 02/19/2002 | OP |
| 05/06/2002 | 00000038 | <u>1</u> | <u>122</u> | \$130.00 | 05/06/2002 | OP |
| 05/06/2002 | 00000039 | <u>1</u> | <u>279</u> | \$370.00 | 05/06/2002 | OP |
| 07/30/2002 | 00000001 | <u>1</u> | <u>126</u> | \$180.00 | 07/18/2002 | OP |
| 08/20/2002 | 00000182 | <u>1</u> | <u>561</u> | \$30.00 | 08/19/2002 | OP |
| 09/23/2002 | 00000018 | <u>1</u> | <u>122</u> | \$130.00 | 09/23/2002 | OP |
| 09/23/2002 | 00000019 | <u>1</u> | <u>279</u> | \$370.00 | 09/23/2002 | OP |
| 09/23/2002 | 00000039 | <u>1</u> | <u>242</u> | -\$640.00 | 02/19/2002 | OP |
| 09/23/2002 | 00000040 | <u>1</u> | <u>242</u> | \$640.00 | 08/19/2002 | OP |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|-------------|--------------------------|-----------------|
| FEE TRANSMITTAL for FY 2002 | | Complete if Known | |
| <small>Patent fees are subject to annual revision.</small> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Examiner Name | V. TRIEU |
| | | Group Art Unit | 2632 |
| | | Attorney Docket No. | RJ315 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | | |
| TOTAL AMOUNT OF PAYMENT | (\$) 370.00 | | |

| <p>METHOD OF PAYMENT (check all that apply)</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</p> <p><input type="checkbox"/> Deposit Account:</p> <p>Deposit Account Number: _____</p> <p>Deposit Account Name: _____</p> <p>The Commissioner is authorized to: (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments</p> <p><input type="checkbox"/> Charge any additional fee(s) during the pendency of this application</p> <p><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</p> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$) _____</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <p>Total Claims Independent Claims Multiple Dependent</p> <p>Extra Claims Fee from below Fee Paid</p> <p>-20** = _____ X _____ = _____</p> <p>-3** = _____ X _____ = _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$) _____</td> </tr> </tbody> </table> <p><small>**or number previously paid, if greater; For Reissues, see above</small></p> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101 | 740 | 201 | 370 | Utility filing fee | | 106 | 330 | 206 | 165 | Design filing fee | | 107 | 510 | 207 | 255 | Plant filing fee | | 108 | 740 | 208 | 370 | Reissue filing fee | | 114 | 160 | 214 | 80 | Provisional filing fee | | SUBTOTAL (1) | | | | | (\$) _____ | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 103 | 18 | 203 | 9 | Claims in excess of 20 | | 102 | 84 | 202 | 42 | Independent claims in excess of 3 | | 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | | 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | SUBTOTAL (2) | | | | | (\$) _____ | <p>3. ADDITIONAL FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unexpired</td> <td></td> </tr> <tr> <td>141</td> <td>1,280</td> <td>241</td> <td>640</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,280</td> <td>242</td> <td>640</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>460</td> <td>243</td> <td>230</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>620</td> <td>244</td> <td>310</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>740</td> <td>246</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>740</td> <td>249</td> <td>370</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>740</td> <td>279</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td>370.00</td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$) 370.00</td> </tr> </tbody> </table> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | | 139 | 130 | 139 | 130 | Non-English specification | | 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | 115 | 110 | 215 | 55 | Extension for reply within first month | | 116 | 400 | 216 | 200 | Extension for reply within second month | | 117 | 920 | 217 | 460 | Extension for reply within third month | | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | 119 | 320 | 219 | 160 | Notice of Appeal | | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | 121 | 280 | 221 | 140 | Request for oral hearing | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | 140 | 110 | 240 | 55 | Petition to revive - unexpired | | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | 143 | 460 | 243 | 230 | Design issue fee | | 144 | 620 | 244 | 310 | Plant issue fee | | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | 370.00 | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | Other fee (specify) _____ | | | | | | SUBTOTAL (3) | | | | | (\$) 370.00 |
|--|--------------|--------------|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|-----|--------------------|--|-----|-----|-----|-----|-------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--------------------|--|-----|-----|-----|----|------------------------|--|---------------------|--|--|--|--|------------|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|----|-----|---|------------------------|--|-----|----|-----|----|-----------------------------------|--|-----|-----|-----|-----|---------------------------------------|--|-----|----|-----|----|--|--|-----|----|-----|---|--|--|---------------------|--|--|--|--|------------|--|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|----|-------------------------------------|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---------------------------|--|-----|-------|-----|-------|--|--|-----|------|-----|------|--|--|-----|--------|-----|--------|---|--|-----|-----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-------|-----|-----|---|--|-----|-------|-----|-----|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|--------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|-------------------------------------|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--------|-----|-----|-----|-----|---|--|---------------------------|--|--|--|--|--|---------------------|--|--|--|--|-------------|
| Large Entity | | Small Entity | | Fee Description | | | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 740 | 201 | 370 | Utility filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 330 | 206 | 165 | Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 510 | 207 | 255 | Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 740 | 208 | 370 | Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 160 | 214 | 80 | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | | | | | (\$) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (2) | | | | | (\$) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 320 | 219 | 160 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 280 | 221 | 140 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive - unexpired | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 460 | 243 | 230 | Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 620 | 244 | 310 | Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | 370.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (3) | | | | | (\$) 370.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|------------------------|---|--------------|
| SUBMITTED BY | | <small>Complete (if applicable)</small> | |
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature | <i>Raymond A. Joao</i> | Telephone | 914-969-2992 |
| | | Date | 9/23/02 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

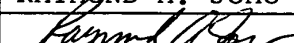
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|--|-------------|--------------------------|-----------------|
| FEE TRANSMITTAL for FY 2002 <small>Patent fees are subject to annual revision.</small> | | Complete if Known | |
| | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Examiner Name | V. TRIEU |
| | | Group Art Unit | 2632 |
| | | Attorney Docket No. | RJ315 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | | |
| TOTAL AMOUNT OF PAYMENT | (\$) 130.00 | | |

| <p>METHOD OF PAYMENT (check all that apply)</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</p> <p><input type="checkbox"/> Deposit Account:</p> <p>Deposit Account Number: _____ Deposit Account Name: _____</p> <p>The Commissioner is authorized to: (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.</p> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td>_____</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td>_____</td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td>_____</td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td>_____</td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td>_____</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$) _____</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <p>Extra Claims Fee from below Fee Paid</p> <p>Total Claims _____ -20** = _____ X _____ = _____ Independent Claims _____ -3** = _____ X _____ = _____ Multiple Dependent _____ = _____</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td>_____</td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> <td>_____</td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td>_____</td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>** Reissue independent claims over original patent</td> <td>_____</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td>_____</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$) _____</td> </tr> </tbody> </table> <p><small>**or number previously paid, if greater; For Reissues, see above</small></p> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101 | 740 | 201 | 370 | Utility filing fee | _____ | 106 | 330 | 206 | 165 | Design filing fee | _____ | 107 | 510 | 207 | 255 | Plant filing fee | _____ | 108 | 740 | 208 | 370 | Reissue filing fee | _____ | 114 | 160 | 214 | 80 | Provisional filing fee | _____ | SUBTOTAL (1) | | | | | (\$) _____ | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 103 | 18 | 203 | 9 | Claims in excess of 20 | _____ | 102 | 84 | 202 | 42 | Independent claims in excess of 3 | _____ | 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | _____ | 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | _____ | 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | _____ | SUBTOTAL (2) | | | | | (\$) _____ | <p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee oath</td> <td>_____</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee cover sheet</td> <td>_____</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td>_____</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td>_____</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>_____</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td>_____</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td>_____</td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td>_____</td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td>_____</td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td>_____</td> </tr> <tr> <td>128</td> <td>1,960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td>_____</td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td>_____</td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td>_____</td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td>_____</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>_____</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td>_____</td> </tr> <tr> <td>141</td> <td>1,280</td> <td>241</td> <td>640</td> <td>Petition to revive - unintentional</td> <td>_____</td> </tr> <tr> <td>142</td> <td>1,280</td> <td>242</td> <td>640</td> <td>Utility issue fee (or reissue)</td> <td>_____</td> </tr> <tr> <td>143</td> <td>460</td> <td>243</td> <td>230</td> <td>Design issue fee</td> <td>_____</td> </tr> <tr> <td>144</td> <td>620</td> <td>244</td> <td>310</td> <td>Plant issue fee</td> <td>_____</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>130.00</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td>_____</td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td>_____</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>_____</td> </tr> <tr> <td>146</td> <td>740</td> <td>246</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td>_____</td> </tr> <tr> <td>149</td> <td>740</td> <td>249</td> <td>370</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td>_____</td> </tr> <tr> <td>179</td> <td>740</td> <td>279</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td>_____</td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td>_____</td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td>_____</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$) 130.00</td> </tr> </tbody> </table> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130 | 205 | 65 | Surcharge - late filing fee oath | _____ | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee cover sheet | _____ | 139 | 130 | 139 | 130 | Non-English specification | _____ | 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | _____ | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ | 115 | 110 | 215 | 55 | Extension for reply within first month | _____ | 116 | 400 | 216 | 200 | Extension for reply within second month | _____ | 117 | 920 | 217 | 460 | Extension for reply within third month | _____ | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | _____ | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | _____ | 119 | 320 | 219 | 160 | Notice of Appeal | _____ | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | _____ | 121 | 280 | 221 | 140 | Request for oral hearing | _____ | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | _____ | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | _____ | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | _____ | 143 | 460 | 243 | 230 | Design issue fee | _____ | 144 | 620 | 244 | 310 | Plant issue fee | _____ | 122 | 130 | 122 | 130 | Petitions to the Commissioner | 130.00 | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | _____ | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | _____ | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | _____ | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | _____ | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | _____ | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | _____ | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | _____ | Other fee (specify) _____ | | | | | _____ | SUBTOTAL (3) | | | | | (\$) 130.00 |
|--|--------------|--------------|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|-----|--------------------|-------|-----|-----|-----|-----|-------------------|-------|-----|-----|-----|-----|------------------|-------|-----|-----|-----|-----|--------------------|-------|-----|-----|-----|----|------------------------|-------|---------------------|--|--|--|--|------------|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|----|-----|---|------------------------|-------|-----|----|-----|----|-----------------------------------|-------|-----|-----|-----|-----|---------------------------------------|-------|-----|----|-----|----|--|-------|-----|----|-----|---|--|-------|---------------------|--|--|--|--|------------|---|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|----|----------------------------------|-------|-----|----|-----|----|---|-------|-----|-----|-----|-----|---------------------------|-------|-----|-------|-----|-------|--|-------|-----|------|-----|------|--|-------|-----|--------|-----|--------|---|-------|-----|-----|-----|----|--|-------|-----|-----|-----|-----|---|-------|-----|-----|-----|-----|--|-------|-----|-------|-----|-----|---|-------|-----|-------|-----|-----|--|-------|-----|-----|-----|-----|------------------|-------|-----|-----|-----|-----|--|-------|-----|-----|-----|-----|--------------------------|-------|-----|-------|-----|-------|---|-------|-----|-----|-----|----|----------------------------------|-------|-----|-------|-----|-----|------------------------------------|-------|-----|-------|-----|-----|--------------------------------|-------|-----|-----|-----|-----|------------------|-------|-----|-----|-----|-----|-----------------|-------|-----|-----|-----|-----|-------------------------------|--------|-----|----|-----|----|-------------------------------------|-------|-----|-----|-----|-----|---|-------|-----|----|-----|----|--|-------|-----|-----|-----|-----|---|-------|-----|-----|-----|-----|--|-------|-----|-----|-----|-----|---|-------|-----|-----|-----|-----|---|-------|---------------------------|--|--|--|--|-------|---------------------|--|--|--|--|-------------|
| Large Entity | | Small Entity | | Fee Description | | | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 740 | 201 | 370 | Utility filing fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 330 | 206 | 165 | Design filing fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 510 | 207 | 255 | Plant filing fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 740 | 208 | 370 | Reissue filing fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 160 | 214 | 80 | Provisional filing fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | | | | | (\$) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (2) | | | | | (\$) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee oath | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee cover sheet | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 320 | 219 | 160 | Notice of Appeal | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 280 | 221 | 140 | Request for oral hearing | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 460 | 243 | 230 | Design issue fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 620 | 244 | 310 | Plant issue fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | 130.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (3) | | | | | (\$) 130.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---------------------|---|-----------------------------------|--------------|
| SUBMITTED BY | | Complete (if applicable) | |
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature |  | Telephone | 914-969-2992 |
| | | Date | 9/23/02 |

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an



PART B - FEE(S) TRANSMITTAL

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7590 07/22/2002

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

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RAYMOND A. JOAO (Depositor's name)
Raymond A. Joao (Signature)
AUGUST 14, 2002 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$0 | \$0 | \$0 | 10/22/2002 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| TRIEU, VAN THANH | 2632 | 340-539000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. RAYMOND A. JOAO, ESQ.
2. _____
3. _____

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Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

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(Authorized Signature) *Raymond A. Joao* REG. NO. 35907 (Date) 8/19/02

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#54
M. Hest
9-19-02

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Raymond A. Joao

RJ315

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APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : April 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Sir:

This is Applicant's Comments on Statement of Reasons for Allowance in the above-identified application. Entry

of this Comments on Statement of Reasons for Allowance is respectfully requested.

Regarding Claim 47, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control

device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 62, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein

the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 91, Applicant respectfully submits that the prior art does not disclose or suggest

a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote

from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 92, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises, wherein the

second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 112, Applicant respectfully submits that the prior art does not disclose or suggest a control method, comprising: transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device; at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle appliance, a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 115, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling,

one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from

a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 116, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and

remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 117, Applicant respectfully submits that the prior art does not disclose or suggest

a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 118, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises, wherein the first control device at least one of generates the first signal

and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises

equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 119, Applicant respectfully submits that the prior art does not disclose or suggest a control method, comprising: transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and further wherein the first signal is automatically received by the second control device; transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of the vehicle, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device; at least one of generating a third signal with the third control device and transmitting a third

signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 120, Applicant respectfully submits that the prior art does not disclose or suggest a control method, comprising: transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device; transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of the premises,

wherein the third control device is located at the premises, and further wherein the second control device is located at a location remote from the premises, and further wherein the second signal is automatically received by the third control device; at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 324, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device

at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the

second control device, and further wherein the third signal is automatically received by the second control device, wherein the vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, and an unmanned vehicle, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a video recording device, a camera, a video conferencing device or equipment, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a lighting system, an electrical or electronically controlled dead bolt locking device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, an automatic control device for

controlling or monitoring at least one of vehicle movement or motion, at least one of vehicle forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 325, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating,

disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the

second control device, wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, and an unmanned boat, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system, an electrical or electronically controlled dead bolt locking device, an engine compartment locking device, an electrical or mechanical locking device, a navigational device, navigational equipment, fire extinguishing equipment, a pumping device for pumping water, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a lighting system, a video recording device, a camera, a video conferencing device or equipment, a boat rudder, a rudder control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a sonar system, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen

deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat data recorder, a boat operation data recorder, a boat command computer, an automatic control device for controlling or monitoring at least one of boat movement or motion, at least one of boat forward and reverse direction of movement, boat speed of movement, boat steering, a boat rudder system, and a boat pump system, a boat operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a marine control system, a boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 326, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle

system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third

control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device, wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, an unmanned aircraft, a commercial aircraft, and a military aircraft, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a mechanical locking system, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, and an opening component, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a video recording device, a camera, a video conferencing device or equipment, an airplane aileron

control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, an automatic control device for controlling or monitoring at least one of an airplane system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, movement or motion, thrust, forward thrust or forward direction of movement, airplane speed of movement, an airplane tail, wings, an engine or propeller, a rudder, a control surface, a steering system, a braking system, a reverse thrust system,

landing gear, a pump system, and a turning or banking system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, a command computer for at least one of controlling and monitoring at least one of an automatic pilot system, a radar system, a lift control system, a control surface system, an engine or thrusting system, a braking system, a fuel system, a fuel injection system, landing gear, and a fuel dumping system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, an airplane flight control system, an airplane operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 327, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle

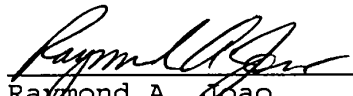
system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is

located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device, wherein the vehicle is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, and a moped, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a track locking device, a video recording device, a camera, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, lighting systems, an electrical or electronically controlled dead bolt locking device for use

on at least one of a door, a window, a hood, a trunk, and an opening component, a command computer, an automatic control device for controlling or monitoring at least one of vehicle movement or motion, vehicle at least one of forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, a control system, vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Entry of the above Comments on Statement of Reasons for Allowance is respectfully requested.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

August 19, 2002
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on August 19, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : April 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS, FOR
PAYMENT OF ISSUE FEE, PURSUANT TO 37 C.F.R. §1.27(g)

Sir:

Applicant is a Small Entity and, therefore, Small Entity Status is entitled to be asserted for the above-

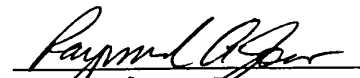
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PUBLISHING DIVISION

AUG 19 2002

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identified application.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

August 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

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Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AUG 19 2002
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PUBLISHING DIVISION

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : April 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

ISSUE FEE TRANSMITTAL LETTER AND REQUEST TO APPLY PREVIOUSLY
PAID ISSUE FEE TO THE NEW NOTICE OF ALLOWANCE

Sir:

Applicant submits herewith the following papers for entry in the above-identified application:

1. ISSUE FEE TRANSMITTAL FORM PTOL-85;

2. Copy of Office of Petitions Decision correspondence, mailed May 6, 2002;
3. STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS, FOR PAYMENT OF ISSUE FEE, PURSUANT TO 37 C.F.R. §1.27(g);
4. Credit Card Payment Form for payment of \$30.00 for payment for ten (10) advance order copies of the Patent;
5. A Fee Transmittal Sheet (in duplicate) for payment for Applicant's advance order of ten (10) copies of the Patent;
6. COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE; and
7. Return Receipt Postcard.

As noted above, Applicant submits herewith an ISSUE FEE TRANSMITTAL FORM PTOL-85. Applicant hereby requests to apply the Issue Fee of \$640.00, which was previously paid in the above-identified application, to the New Notice Of Allowance mailed June 21, 2002.

Please note that the Issue Fee of \$640.00 was previously paid in the above-identified application and that such payment was acknowledged by the U.S. Patent & Trademark Office in the Office of Petitions Decision correspondence, mailed May 6, 2002. Applicant submits herewith a copy of the Office of Petitions Decision correspondence, mailed May 6, 2002. In view of the above, Applicant respectfully requests that the above-identified payment of \$640.00 be

applied towards payment of the Issue Fee in the above-identified application.

Applicant also submits herewith a STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS FOR PAYMENT OF ISSUE FEE PURSUANT TO 37 C.F.R. §1.27(g). Applicant is a Small Entity and, therefore, Small Entity Status is entitled to be asserted for the above-identified application.

Applicant also submits herewith a Credit Card Payment Form for payment of \$30.00 for payment for Applicant's advance order of ten (10) copies of the Patent. A Fee Transmittal Sheet (in duplicate) for payment for Applicant's advance order of ten (10) copies of the Patent is also submitted herewith.

Applicant also submits herewith COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE for entry into the above-identified application.

Applicant respectfully requests that the above-identified papers and payments be entered into the above-identified application.

Respectfully Submitted,



Raymond A. Joao

Reg. No. 35,907

August 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

Paper No.

RAYMOND A. JOAO ESQ
122 BELLEVUE PLACE
YONKERS NY 10703

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OFFICE OF PETITIONS
ON PETITION

In re Application of
Raymond A. Joao
Application No. 09/551,365
Filed: April 17, 2000
Attorney Docket No. RJ315

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AUG 19 2002
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PUBLISHING DIVISION

This is a decision on the petition, filed May 6, 2002, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on February 19, 2002 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (703) 305-8859.

The application is being forwarded to Technology Center AU 2632 for processing of the request for continued examination under 37 CFR 1.114.

Karen Creasy

Karen Creasy
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to *timely request in writing* that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office Washington, D.C. 20231 www.uspto.gov

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Paper No.

RAYMOND A. JOAO ESQ
122 BELLEVUE PLACE
YONKERS NY 10703

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MAY 06 2002

**OFFICE OF PETITIONS
ON PETITION**

In re Application of
Raymond A. Joao
Application No. 09/551,365
Filed: April 17, 2000
Attorney Docket No. RJ315

This is a decision on the petition, filed May 6, 2002, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on February 19, 2002 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

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The application is being forwarded to Technology Center AU 2832 for processing of the request for continued examination under 37 CFR 1.114.

Karen Cressy
Karen Cressy
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to timely request in writing that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.



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10/22/02
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I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on August 19, 2002.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO.: 09/551,365
FILED : April 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : JUNE 21, 2002
CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

ISSUE FEE TRANSMITTAL LETTER AND REQUEST TO APPLY PREVIOUSLY PAID ISSUE FEE TO THE NEW NOTICE OF ALLOWANCE

Sir:

Applicant submits herewith the following papers for entry in the above-identified application:

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6. COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE; and
7. Return Receipt Postcard.

As noted above, Applicant submits herewith an ISSUE FEE TRANSMITTAL FORM PTOL-85. Applicant hereby requests to apply the Issue Fee of \$640.00, which was previously paid in the above-identified application, to the New Notice Of Allowance mailed June 21, 2002.

Please note that the Issue Fee of \$640.00 was previously paid in the above-identified application and that such payment was acknowledged by the U.S. Patent & Trademark Office in the Office of Petitions Decision correspondence, mailed May 6, 2002. Applicant submits herewith a copy of the Office of Petitions Decision correspondence, mailed May 6, 2002. In view of the above, Applicant respectfully requests that the above-identified payment of \$640.00 be

applied towards payment of the Issue Fee in the above-identified application.


Applicant also submits herewith a STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS FOR PAYMENT OF ISSUE FEE PURSUANT TO 37 C.F.R. §1.27(g). Applicant is a Small Entity and, therefore, Small Entity Status is entitled to be asserted for the above-identified application.

Applicant also submits herewith a Credit Card Payment Form for payment of \$30.00 for payment for Applicant's advance order of ten (10) copies of the Patent. A Fee Transmittal Sheet (in duplicate) for payment for Applicant's advance order of ten (10) copies of the Patent is also submitted herewith.

Applicant also submits herewith COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE for entry into the above-identified application.

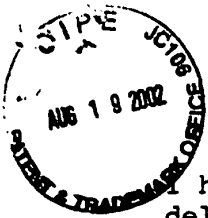
Applicant respectfully requests that the above-identified papers and payments be entered into the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

August 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



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I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on August 19, 2002.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : April 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : JUNE 21, 2002
CONFIRMATION NO. : 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

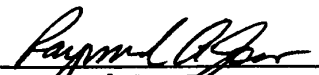
STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS, FOR
PAYMENT OF ISSUE FEE, PURSUANT TO 37 C.F.R. §1.27(g)

Sir:

Applicant is a Small Entity and, therefore, Small
Entity Status is entitled to be asserted for the above-

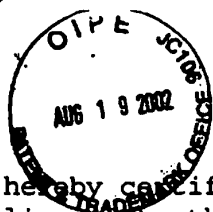
identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

August 19, 2002

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10/22/02
AGT.

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office on August 19, 2002.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 09/551,365

FILED : April 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
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EXAMINER : V. TRIEU

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ALLOWED : JUNE 21, 2002

CONFIRMATION NO.: 1497

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Sir:

This is Applicant's Comments on Statement of Reasons for Allowance in the above-identified application. Entry

of this Comments on Statement of Reasons for Allowance is respectfully requested.

Regarding Claim 47, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control

device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 62, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein

the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 91, Applicant respectfully submits that the prior art does not disclose or suggest

a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote

from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 92, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises, wherein the

second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 112, Applicant respectfully submits that the prior art does not disclose or suggest a control method, comprising: transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device; at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle appliance, a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 115, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling,

one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from

a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 116, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and

remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 117, Applicant respectfully submits that the prior art does not disclose or suggest

a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Regarding Claim 118, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises, wherein the first control device at least one of generates the first signal

and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises

equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 119, Applicant respectfully submits that the prior art does not disclose or suggest a control method, comprising: transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and further wherein the first signal is automatically received by the second control device; transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of the vehicle, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device; at least one of generating a third signal with the third control device and transmitting a third

signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 120, Applicant respectfully submits that the prior art does not disclose or suggest a control method, comprising: transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device; transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of the premises,

wherein the third control device is located at the premises, and further wherein the second control device is located at a location remote from the premises, and further wherein the second signal is automatically received by the third control device; at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Regarding Claim 324, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device

at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the

second control device, and further wherein the third signal is automatically received by the second control device, wherein the vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, and an unmanned vehicle, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a video recording device, a camera, a video conferencing device or equipment, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a lighting system, an electrical or electronically controlled dead bolt locking device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, an automatic control device for

controlling or monitoring at least one of vehicle movement or motion, at least one of vehicle forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 325, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating,

disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the

second control device, wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, and an unmanned boat, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system, an electrical or electronically controlled dead bolt locking device, an engine compartment locking device, an electrical or mechanical locking device, a navigational device, navigational equipment, fire extinguishing equipment, a pumping device for pumping water, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a lighting system, a video recording device, a camera, a video conferencing device or equipment, a boat rudder, a rudder control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a sonar system, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen

deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat data recorder, a boat operation data recorder, a boat command computer, an automatic control device for controlling or monitoring at least one of boat movement or motion, at least one of boat forward and reverse direction of movement, boat speed of movement, boat steering, a boat rudder system, and a boat pump system, a boat operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a marine control system, a boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 326, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle

control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device, wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, an unmanned aircraft, a commercial aircraft, and a military aircraft, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a mechanical locking system, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, and an opening component, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a video recording device, a camera, a video conferencing device or equipment, an airplane aileron

system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third

control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, an automatic control device for controlling or monitoring at least one of an airplane system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, movement or motion, thrust, forward thrust or forward direction of movement, airplane speed of movement, an airplane tail, wings, an engine or propeller, a rudder, a control surface, a steering system, a braking system, a reverse thrust system,

landing gear, a pump system, and a turning or banking system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, a command computer for at least one of controlling and monitoring at least one of an automatic pilot system, a radar system, a lift control system, a control surface system, an engine or thrusting system, a braking system, a fuel system, a fuel injection system, landing gear, and a fuel dumping system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, an airplane flight control system, an airplane operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Regarding Claim 327, Applicant respectfully submits that the prior art does not disclose or suggest a control apparatus, comprising: a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle

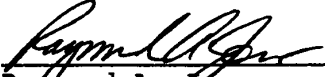
system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle, wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is

located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device, wherein the vehicle is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, and a moped, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a track locking device, a video recording device, a camera, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, lighting systems, an electrical or electronically controlled dead bolt locking device for use

on at least one of a door, a window, a hood, a trunk, and an opening component, a command computer, an automatic control device for controlling or monitoring at least one of vehicle movement or motion, vehicle at least one of forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, a control system, vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Entry of the above Comments on Statement of Reasons for Allowance is respectfully requested.

Respectfully Submitted, .


Raymond A. Joao
Reg. No. 35,907

August 19, 2002
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

Best Available Copy



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

7590 07/30/2002
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

EXAMINER

TRIEU, VAN THANH

ART UNIT PAPER NUMBER

2632

DATE MAILED: 07/30/2002

52

Please find below and/or attached an Office communication concerning this application or proceeding.

**SUPPLEMENTAL
Notice of Allowability**

Application No.

09/551,365

Examiner

Van T Trieu

Applicant(s)

JOAO, RAYMOND ANTHONY

Art Unit

2632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to the Preliminary Amendment filed on 15 May 2002.
- 2. The allowed claim(s) is/are 47, 62, 91, 92, 112 and 115-327.
- 3. The drawings filed on 17 October 2001 are acceptable as formal drawings.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
- 5. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

- 6. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- 7. Applicant MUST submit NEW FORMAL DRAWINGS
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached
 - 1) hereto or 2) to Paper No. _____.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

- 8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- 1 Notice of References Cited (PTO-892)
- 2 Notice of Informal Patent Application (PTO-152)
- 3 Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 4 Interview Summary (PTO-413), Paper No. _____.
- 5 Information Disclosure Statements (PTO-1449), Paper No. 51
- 6 Examiner's Amendment/Comment
- 7 Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 8 Examiner's Statement of Reasons for Allowance
- 9 Other

VAN TRIEU
Primary Examiner
USPTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

51

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|--|--------|--------------------------|-----------------|
| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | RJ315 |
| Sheet | 1 of 1 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|---|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | us-6,400,996 | 06-04-2002 | HOFFBERG, ET AL. | |
| | | us-5,508,736 | 04-16-1996 | COOPER | |
| | | us-5,680,123 | 10-21-1997 | LEE | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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|--------------------|------------------|-----------------|---------|
| Examiner Signature | <i>Van Trieu</i> | Date Considered | 7/24/02 |
|--------------------|------------------|-----------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/22/2002
Raymond A Joao Esq.
122 Bellevue Place
Yonkers, NY 10703

EXAMINER
TRIEU, VAN THANH
ART UNIT 2632 CLASS-SUBCLASS 340-539000

DATE MAILED: 07/22/2002

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Table with 6 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE(S) DUE, DATE DUE

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

- I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or
B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
[] Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Box ISSUE FEE**
Commissioner for Patents
Washington, D.C. 20231
Fax **(703)746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)
 7590 07/22/2002

Raymond A Joao Esq
 122 Bellevue Place
 Yonkers, NY 10703

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment, or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

| |
|-----------------------------|
| _____ (Depositor's name) |
| _____ (Signature) |
| _____ (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$0 | \$0 | \$0 | 10/22/2002 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| TRIEU, VAN THANH | 2632 | 340-539000 |

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|---|---|
| <p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p> | <p>2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.</p> <p>1 _____</p> <p>2 _____</p> <p>3 _____</p> |
|---|---|

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

| | |
|---|---|
| <p>4a. The following fee(s) are enclosed:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p> | <p>4b. Payment of Fee(s):</p> <p><input type="checkbox"/> A check in the amount of the fee(s) is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p> |
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Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) _____ (Date) _____

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

7590 07/22/2002
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703
UNITED STATES

EXAMINER

TRIEU, VAN THANH

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 2632 | |

2632

DATE MAILED: 07/22/2002

Determination of Patent Term Extension under 35 U.S.C. 154 (b)
(application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER. Includes details for Raymond A Joao Esq and TRIEU, VAN THANH.

Notice of Fee Increase on October 1, 2002

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2002, then the amount due may be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2002.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant.

Effective October 1, 2002, 37 CFR 1.18 is proposed to be revised to change the patent issue fees as set forth below. As stated above, the final fees may be a different amount, and applicant should check the web site given above when paying the fee.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))--\$655.00
By other than a small entity--\$1,310.00

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))--\$235.00
By other than a small entity--\$470.00

(c) Issue fee for issuing a plant patent:

By a small entity (Sec. 1.27(a))--\$315.00
By other than a small entity--\$630.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

I hereby certify that this correspondence is being hand delivered to Examining Group 2600 on July 18, 2002.

Raymond A. Joao
Raymond A. Joao

#51
W. H. Lee
7-29-02

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : JUNE 21, 2002
CONFIRMATION NO.: 1497

RECEIVED
JUL 18 2002
Technology Center 2600

Box ISSUE FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:


Pursuant to 37 C.F.R. §1.97 and §1.98, Applicant respectfully requests that the documents listed on the attached INFORMATION DISCLOSURE STATEMENT BY APPLICANT form (Substitute for form 1449A/PTO) (1 page) be made of record and be considered in connection with the examination of this application.

Copies of the cited references are being submitted with an Information Disclosure Statement which is being filed concurrently, on this date, in parent U.S. Patent Application Serial No. 09/277,935.

Applicant submits herewith a Credit Card Payment Form for payment of the \$180.00 required fee for this Information Disclosure Statement along with the required Statement Pursuant to 37 C.F.R. §1.97(e)(2). Applicant also submits herewith a Fee Transmittal Sheet (in duplicate).

Entry of this Information Disclosure Statement is respectfully requested.

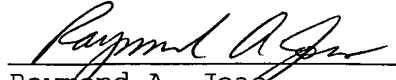
Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls.: - INFORMATION DISCLOSURE STATEMENT BY APPLICANT
Form (Substitute for form 1449A/PTO) (1 page)
- Credit Card Payment Form for payment of \$180.00
for the required fee for the Information
Disclosure Statement
- Statement Pursuant to 37 C.F.R. §1.97(e)(2)
- Fee Transmittal Sheet (in duplicate)

July 18, 2002
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

I hereby certify that this correspondence is being hand delivered to Examining Group 2600 on July 18, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : JUNE 21, 2002
CONFIRMATION NO.: 1497

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JUL 18 2002

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Assistant Commissioner for Patents
Washington, D.C. 20231

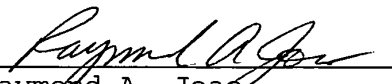
STATEMENT PURSUANT TO 37 C.F.R. §1.97 (e) (2)

Sir:

This is a Statement Pursuant To 37 C.F.R. §1.97(e) (2). The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to

the knowledge of the undersigned, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

July 18, 2002
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|--|--------------------------|-----------------|
| FEE TRANSMITTAL for FY 2002 <small>Patent fees are subject to annual revision.</small> | Complete if Known | |
| | Application Number | 09/551,365 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Examiner Name | V. TRIEU |
| | Group Art Unit | 2632 |
| | Attorney Docket No. | RJ315 |
| TOTAL AMOUNT OF PAYMENT | (\$) 180.00 | |

| <p>METHOD OF PAYMENT (check all that apply)</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</p> <p><input type="checkbox"/> Deposit Account: Deposit Account Number _____ Deposit Account Name _____</p> <p>The Commissioner is authorized to: (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</p> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>(\$)</td></tr> </tbody> </table> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <p>Extra Claims Fee from below Fee Paid</p> <p>Total Claims _____ -20** = _____ X _____ = _____</p> <p>Independent Claims _____ -3** = _____ X _____ = _____</p> <p>Multiple Dependent _____ = _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td><td>(\$)</td></tr> </tbody> </table> <p><small>**or number previously paid, if greater; For Reissues, see above</small></p> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101 | 740 | 201 | 370 | Utility filing fee | | 106 | 330 | 206 | 165 | Design filing fee | | 107 | 510 | 207 | 255 | Plant filing fee | | 108 | 740 | 208 | 370 | Reissue filing fee | | 114 | 160 | 214 | 80 | Provisional filing fee | | SUBTOTAL (1) | | | | | (\$) | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 103 | 18 | 203 | 9 | Claims in excess of 20 | | 102 | 84 | 202 | 42 | Independent claims in excess of 3 | | 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | | 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | SUBTOTAL (2) | | | | | (\$) | <p>3. ADDITIONAL FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td>180.00</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (3)</td><td>(\$) 180.00</td></tr> </tbody> </table> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | | 139 | 130 | 139 | 130 | Non-English specification | | 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | 115 | 110 | 215 | 55 | Extension for reply within first month | | 116 | 400 | 216 | 200 | Extension for reply within second month | | 117 | 920 | 217 | 460 | Extension for reply within third month | | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | 119 | 320 | 219 | 160 | Notice of Appeal | | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | 121 | 280 | 221 | 140 | Request for oral hearing | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | 143 | 460 | 243 | 230 | Design issue fee | | 144 | 620 | 244 | 310 | Plant issue fee | | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | 180.00 | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | Other fee (specify) _____ | | | | | | SUBTOTAL (3) | | | | | (\$) 180.00 |
|--|--------------|--------------|--------------|--|---------------------|----------|----------|----------|----------|----------|-----|-----|-----|-----|--------------------|--|-----|-----|-----|-----|-------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--------------------|--|-----|-----|-----|----|------------------------|--|---------------------|--|--|--|--|------|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|----|-----|---|------------------------|--|-----|----|-----|----|-----------------------------------|--|-----|-----|-----|-----|---------------------------------------|--|-----|----|-----|----|--|--|-----|----|-----|---|--|--|---------------------|--|--|--|--|------|---|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|----|-------------------------------------|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---------------------------|--|-----|-------|-----|-------|--|--|-----|------|-----|------|--|--|-----|--------|-----|--------|---|--|-----|-----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-------|-----|-----|---|--|-----|-------|-----|-----|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|-------------------------------------|--|-----|-----|-----|-----|---|--------|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|---------------------------|--|--|--|--|--|---------------------|--|--|--|--|---------------------|
| Large Entity | | Small Entity | | Fee Description | | | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 740 | 201 | 370 | Utility filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 330 | 206 | 165 | Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 510 | 207 | 255 | Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 740 | 208 | 370 | Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 160 | 214 | 80 | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (2) | | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 320 | 219 | 160 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 280 | 221 | 140 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 143 | 460 | 243 | 230 | Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 620 | 244 | 310 | Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | 180.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (3) | | | | | (\$) 180.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RECEIVED
JUL 18 2002
Technology Center 2800

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|---------------------|-----------------|---|--------------|
| SUBMITTED BY | | <small>Complete (if applicable)</small> | |
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature | | Telephone | 914-969-2992 |
| | | Date | 7/18/02 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Official



76
#53
SM
8-9-02

I hereby certify that this correspondence is being transmitted via facsimile transmission to Examining Group 2600 at (703) 872-9314 on June 27, 2002.

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : June 21, 2002
CONFIRMATION NO. : 1497

Assistant Commissioner For Patents
Washington, D.C. 20231

REQUEST FOR CORRECTED NOTICE OF ALLOWANCE AND FEE(S) DUE FORM

Sir:

This is a Request For A Corrected Notice of Allowance and Fee(s) Due Form in the above-identified application. The above-identified application was allowed on June 21, 2002.

Upon review of the information contained in the Notice of Allowance and Fee(s) Due Form, it was determined that the Form incorrectly indicated that Applicant is not a Small Entity. Applicant is a Small Entity. Applicant transmits herewith a copy of the Notice of Allowance and Fee(s) Due Form which incorrectly indicates Applicant's status.

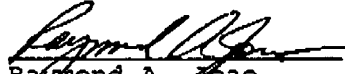
The Notice of Allowance and Fee(s) Due Form also incorrectly failed to provide Applicant with a credit for the \$640.00 Small Entity Issue Fee previously paid by Applicant in the above-identified application. Applicant is entitled to the \$640.00 Issue Fee credit pursuant to the Decision of the Office of Petitions, mailed May 6, 2002. A Copy of the Decision of the Office of Petitions, mailed May 6, 2002, indicating that the Petitioner may request that the previously paid Issue Fee be applied towards the Issue Fee required by a new Notice of Allowance. The Notice of Allowance and Fee(s) Due Form indicates that the fee reflects a credit for any previously paid Issue Fee. However, no such credit was provided to Applicant in the Notice of Allowance and Fee(s) Due Form provided to Applicant.

Applicant respectfully requests a new Notice of Allowance and Fee(s) Due Form indicating Applicant as being a

Small Entity and indicating that the Issue Fee Due is \$0. A copy of the Notice of Allowance and Fee(s) Due Form showing the requested changes is also transmitted herewith.

In view of the foregoing, Applicant respectfully requests that a new Notice of Allowance and Fee(s) Due Form be issued in the above-identified application reflecting the corrected information described herein.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls. - Notice of Allowance and Fee(s) Due Form
- Office of Petitions Decision, mailed may 6, 2002;
- Notice of Allowance and Fee(s) Due Form showing requested changes

June 27, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20530
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

790
06/21/2002
Raymond A Joad Esq
122 Bellevue Place
Yonkers, NY 10703

| | |
|------------------|----------------|
| EXAMINER | |
| TRIEU, VAN THANH | |
| ART UNIT | CLASS-SUBCLASS |
| 2632 | 340-329800 |

DATE MAILED: 06/21/2002

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,345 | 04/17/2000 | Raymond Anthony Joad | RJ115 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1280 | \$0 | \$1280 | 09/23/2002 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PR4



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office Washington, D.C. 20231 www.uspto.gov

Paper No.

RAYMOND A. JOAO ESQ.
122 BELLEVUE PLACE
YONKERS NY 10703

COPY MAILED

MAY 06 2002

In re Application of
Raymond A. Joao
Application No. 09/551,365
Filed: April 17, 2000
Attorney Docket No. RJ315

OFFICE OF PETITIONS
ON PETITION

This is a decision on the petition, filed May 6, 2002, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is GRANTED.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

* (Petitioner is advised that the issue fee paid on February 19, 2002 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (703) 305-8859.

The application is being forwarded to Technology Center AU 2632 for processing of the request for continued examination under 37 CFR 1.114.

Karen Cressy
Karen Cressy
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to *timely* request *in writing* that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.

Received from < 9149692992 > at 7/11/02 2:45:13 PM [Eastern Daylight Time]



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20591
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7990
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

04/21/2002 **SHOWING
CORRECTIONS**

| | |
|-------------------------|----------------|
| EXAMINER | |
| TRIEU, VAN THANH | |
| ART UNIT | CLASS-SUBCLASS |
| 2632 | 340-339800 |
| DATE MAILED: 06/21/2002 | |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|---------------|--------------------|-----------------|--------------------|------------|
| nonprovisional | NO YES | 1380 #0 | \$0 | 1380 #0 | 04/23/2002 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

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 - A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or
 - B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
 - Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PR4

RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NEW YORK 10703
(914) 969-2992

FAX COVER SHEET

To: U.S. PATENT AND TRADEMARK OFFICE
EXAMINING GROUP 2600

From: Raymond A. Joao, Esq.

Date: June 27, 2002

Fax No.: 1-703-872-9314

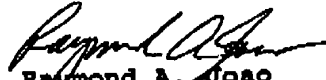
No. Pages: 7 (including cover)

Re: U.S. Patent Application Serial No. 09/551,365

To Whom It May Concern:

Please find transmitted herewith a Request For Corrected Notice Of Allowance and Fee(s) Due Form with supporting documents.

Respectfully Submitted,


Raymond A. Joao
Reg. No 35,907

Received from <9149692992> at 7/11/02 2:45:13 PM [Eastern Daylight Time]

07/11/2002 14:43

9149692992

RAYMOND A JOAO

PAGE 09

TRANSMISSION VERIFICATION REPORT

TIME : 06/27/2002 15:03
NAME : RAYMOND A JOAO
FAX : 9149692992
TEL : 9149692992

| | |
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| DATE, TIME | 06/27 15:00 |
| FAX NO./NAME | 17039729314 |
| DURATION | 00:03:10 |
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Auto-Reply Facsimile Transmission



TO: Fax Sender at 9149692992
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06/27/2002 15:08 9149692992 RAYMOND A JOAD PAGE 01

RAYMOND A. JOAD, REG.
122 BELLEVUE PLACE
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(914) 969-2992

FAX COVER SHEET

To: U.S. PATENT AND TRADEMARK OFFICE
EXAMINING GROUP 1600

From: Raymond A. Joad, Reg.

Date: June 27, 2002

Fax No.: 1-903-878-9314

No. Pages: 7 (including cover)

Re: U.S. Patent Application Serial No. 09/531,388

To Whom It May Concern:

Please find transmitted herewith a Request For Corrected Notice Of Allowance and Fee(s) Due Form with supporting documents.

Respectfully Submitted,

 Raymond A. Joad
 Reg. No 35,907

Received from <9149692992> at 7/11/02 2:45:13 PM [Eastern Daylight Time]

#53

RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
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Official

FAX COVER SHEET

To: U.S. PATENT AND TRADEMARK OFFICE
EXAMINING GROUP 2600
ATTN: Ms. Marquette McGee

From: Raymond A. Joao, Esq.

Date: July 11, 2002

Fax No.: 1-703-872-9314


No. Pages: 10 (including cover)

Re: U.S. Patent Application Serial No. 09/551,365

To Whom It may Concern:

Please find transmitted herewith a COPY of a Request For Corrected Notice Of Allowance and Fee(s) Due Form, with supporting documents showing receipt of same by the USPTO, filed via fax on June 27, 2002. This COPY is being filed pursuant to instructions received from Ms. M. McGee (703) 306-2937. Please forward to Ms. McGee.

Respectfully Submitted,


Raymond A. Joao
Reg. No 35,907

Received from <9149692992> at 7/11/02 2:45:13 PM [Eastern Daylight Time]



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#50

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 06/21/2002
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

EXAMINER

TRIEU, VAN THANH

ART UNIT CLASS-SUBCLASS

2632

340-539000

DATE MAILED: 06/21/2002

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Table with 6 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE(S) DUE, DATE DUE

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or
B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
[] Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE
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Washington, D.C. 20231
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)
 7590 06/21/2002

Raymond A Joao Esq
 122 Bellevue Place
 Yonkers, NY 10703

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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

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| (Signature) |
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|-------------------------------|---------------------------|--|------------------------------|--------------------------|
| APPLICATION NO. 09/551,365 | FILING DATE 04/17/2000 | FIRST NAMED INVENTOR Raymond Anthony Joao | ATTORNEY DOCKET NO. RJ315 | CONFIRMATION NO. 1497 |
|-------------------------------|---------------------------|--|------------------------------|--------------------------|

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| | | | | | |
|-------------------------------|--------------------|---------------------|------------------------|----------------------------|------------------------|
| APPLN. TYPE nonprovisional | SMALL ENTITY NO | ISSUE FEE \$1280 | PUBLICATION FEE \$0 | TOTAL FEE(S) DUE \$1280 | DATE DUE 09/23/2002 |
|-------------------------------|--------------------|---------------------|------------------------|----------------------------|------------------------|

| | | |
|------------------------------|------------------|------------------------------|
| EXAMINER TRIEU, VAN THANH | ART UNIT 2632 | CLASS-SUBCLASS 340-539000 |
|------------------------------|------------------|------------------------------|

| | | |
|---|---|-------------------------------|
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached. Use of a Customer Number is required. | 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. | 1 _____ 2 _____ 3 _____ |
|---|---|-------------------------------|

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

| | |
|--|--|
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Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) _____ (Date) _____

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|--------------------|----------------------|------------------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |
| | 7590 06/21/2002 | | EXAMINER TRIEU, VAN THANH | |
| Raymond A Joao Esq 122 Bellevue Place Yonkers, NY 10703 UNITED STATES | | | ART UNIT 2632 | PAPER NUMBER |
| DATE MAILED: 06/21/2002 | | | | |

Determination of Patent Term Extension under 35 U.S.C. 154 (b)
(application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)

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| | | | |
|-------------------------------|------------------------|-----------------------|--|
| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/551,365 | JOAO, RAYMOND ANTHONY | |
| | Examiner | Art Unit | |
| | Van T Trieu | 2632 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the Preliminary Amendment filed on 15 May 2002.
2. The allowed claim(s) is/are 47, 62, 91, 92, 112 and 115-327.
3. The drawings filed on 17 October 2001 are acceptable as formal drawings.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____ .
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.
5. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS , OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

6. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. Applicant MUST submit NEW FORMAL DRAWINGS
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached
 - 1) hereto or 2) to Paper No. _____.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- | | |
|---|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ . |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>42, 47, 49</u> | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance: there are no references teaching or suggesting of the subject matters as of claimed limitations in each of the independent claims 47, 62, 91, 92, 112, 115-120 and 324-327 as followings:

Claim 47.

A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least

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one of generates the second signal and transmits the second signal in response to a third signal,

wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Claim 62.

A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in

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response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Claim 91.

A control apparatus, comprising:

a first control device, wherein the first control

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device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device,

wherein the third control device is located at a location which is remote from the premises and remote from the second

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control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Claim 92.

A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Claim 112.

A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a premises, and further wherein the first signal is automatically received by the second control device;

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transmitting a second signal from the second control device to a third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle appliance, a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Claim 115.

A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a

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vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a

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location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Claim 116.

A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

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wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Claim 117.

A control apparatus, comprising:

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a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to

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a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

Claim 118.

A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a

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second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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Claim 119.

A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of the vehicle, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least

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one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Claim 120.

A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of the premises, wherein the third control device is located at the premises, and further wherein the second control device is located at a location remote from the

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premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

Claim 324.

A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-

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enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

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wherein the vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, and an unmanned vehicle,

and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a video recording device, a camera, a video conferencing device or equipment, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a lighting system, an electrical or electronically controlled dead bolt locking device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, an automatic control device for controlling or monitoring at least one of vehicle movement or motion, at least one of vehicle forward and

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reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.'

Claim 325.

A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a

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vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sail boat, a ship, a

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cruise ship, a commercial boat, a military boat, and a unmanned boat,

and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system, an electrical or electronically controlled dead bolt locking device, an engine compartment locking device, an electrical or mechanical locking device, a navigational device, navigational equipment, fire extinguishing equipment, a pumping device for pumping water, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a lighting system, a video recording device, a camera, a video conferencing device or equipment, a boat rudder, a rudder control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a sonar system, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat data recorder, a boat operation data recorder, a boat

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command computer, an automatic control device for controlling or monitoring at least one of boat movement or motion, at least one of boat forward and reverse direction of movement, boat speed of movement, boat steering, a boat rudder system, and a boat pump system, a boat operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a marine control system, a boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Claim 326.

A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-

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enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

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wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, an unmanned aircraft, a commercial aircraft, and a military aircraft,

and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a mechanical locking system, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, and an opening component, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a video recording device, a camera, a video conferencing device or equipment, an airplane aileron control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control

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device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, an automatic control device for controlling or monitoring at least one of an airplane system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, movement or motion, thrust, forward thrust or forward direction of movement, airplane speed of movement, an airplane tail, wings, an engine or propeller, a rudder, a control surface, a steering system, a braking system, a reverse thrust system, landing gear, a pump system, and a turning or banking system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, a command computer for at least one of controlling and monitoring at least one of an automatic pilot system, a radar system, a lift control system, a control surface system, an engine or

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thrusting system, a braking system, a fuel system, a fuel injection system, landing gear, and a fuel dumping system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, an airplane flight control system, an airplane operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

Claim 327.

A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a

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vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

wherein the vehicle is at least one of a

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snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, and a moped, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a track locking device, a video recording device, a camera, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, lighting systems, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, a hood, a trunk, and an opening component, a command computer, an automatic control device for controlling or monitoring at least one of vehicle movement or motion, vehicle at least one of forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data

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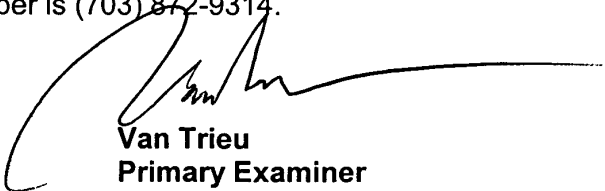
monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, a control system, vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to primary examiner **Van Trieu** whose telephone number is (703) 308-5220. The examiner can normally be reached on Mon-Fri from 7:00 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. **Jeffery Hofsass** can be reached on (703) 305-4717.

The office facsimile number is (703) 872-9314.



Van Trieu
Primary Examiner
Date: 6/20/02

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PTO/SB/08A (10-01)

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | RJ315 |
| Sheet | 1 | of | 1 |

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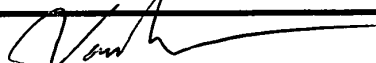
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| | Application Number | 09/551,365 |
| | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Art Unit | 2632 |
| Examiner Name | V. TRIEU | |
| Attorney Docket Number | RJ315 | |
| Sheet | 1 | of 6 |

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| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | RJ315 |
| Sheet | 2 of 6 | | |

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| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
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| | | | Application Number | 09/551,365 |
| Sheet <u>4</u> of <u>6</u> | | | Filing Date | APRIL 17, 2000 |
| | | | First Named Inventor | RAYMOND A. JOAO |
| | | | Art Unit | 2632 |
| | | | Examiner Name | V. TRIEU |
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| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
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| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
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| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
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| | | Filing Date | APRIL 17, 2000 |
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| ✓ | | NABIL R. ADAM, ET AL., ELECTRONIC COMMERCE TECHNICAL, BUSINESS, AND LEGAL ISSUES, 1999, PRENTICE-HALL PTR, U.S.A. | |
| ✓ | | ALPER CAGLAYAN, ET AL., AGENT SOURCEBOOK A COMPLETE GUIDE TO DESKTOP, INTERNET, AND INTRANET AGENTS, 1997, WILEY, U.S.A. | |
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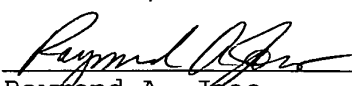
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| Examiner Signature | <i>Van Trieu</i> | Date Considered | 6/19/02 |
|--------------------|------------------|-----------------|---------|

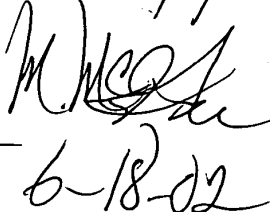
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Raymond A. Joao

7/4/9

6-18-02

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632

RECEIVED

JUN 18 2002

Technology Center 2600

Assistant Commissioner For Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:


Pursuant to 37 C.F.R. §1.97 and §1.98, Applicant respectfully requests that the documents listed on the attached INFORMATION DISCLOSURE STATEMENT BY APPLICANT forms (Substitute for form 1449A/PTO and Substitute for form 1449B/PTO) (2 pages) be made of record and be considered in connection with the examination of this application.

The cited references were cited by the Applicant in U.S. Patent Application Serial 09/277,935 which prior application is relied upon for priority.

No fee is due with this Information Disclosure Statement as it is being filed before the mailing of a first Office Action on the merits in the above-identified continued examination application.

Entry of this Information Disclosure Statement is respectfully requested.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls.: - INFORMATION DISCLOSURE STATEMENT BY APPLICANT
Forms (Substitute for form 1449A/PTO and
Substitute for form 1449B/PTO) (2 pages)

June 18, 2002

122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on May 15, 2002.

#46
M. [Signature]

Raymond A. Joao
Raymond A. Joao

6-18-02

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632

RECEIVED
MAY 15 2002
OFFICE OF PETITIONS

Assistant Commissioner For Patents
Washington, D.C. 20231

SECOND PRELIMINARY AMENDMENT

Sir:

This is a Second Preliminary Amendment in the above-identified application. Entry of this Second Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please add the following new Claims 324-327 as follows:

-- ~~324~~¹. A control apparatus, comprising:

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cont.

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

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wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

wherein the vehicle is at least one of a motor

vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, and an unmanned vehicle,

and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a video recording device, a camera, a video conferencing device or equipment, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a lighting system, an electrical or electronically controlled dead bolt locking device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, an automatic control device for controlling or monitoring at least one of vehicle movement

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or motion, at least one of vehicle forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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225. A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle

equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

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wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further

wherein the third signal is automatically received by the second control device,

wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, and an unmanned boat,

and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system, an electrical or electronically controlled dead bolt locking device, an engine compartment locking device, an electrical or mechanical locking device, a navigational device, navigational equipment, fire extinguishing equipment, a pumping device for pumping water, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a lighting system, a video recording device, a camera, a video conferencing device or equipment, a boat rudder, a rudder control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic

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cont.

pilot, a radar system, a sonar system, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat data recorder, a boat operation data recorder, a boat command computer, an automatic control device for controlling or monitoring at least one of boat movement or motion, at least one of boat forward and reverse direction of movement, boat speed of movement, boat steering, a boat rudder system, and a boat pump system, a boat operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a marine control system, a boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~326~~. A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

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Cont.

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

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wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, an unmanned aircraft, a commercial aircraft, and a military aircraft,

and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a

mechanical locking system, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, and an opening component, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a video recording device, a camera, a video conferencing device or equipment, an airplane aileron control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an airplane cockpit or

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control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, an automatic control device for controlling or monitoring at least one of an airplane system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, movement or motion, thrust, forward thrust or forward direction of movement, airplane speed of movement, an airplane tail, wings, an engine or propeller, a rudder, a control surface, a steering system, a braking system, a reverse thrust system, landing gear, a pump system, and a turning or banking system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, a command computer for at least one of controlling and monitoring at least one of an automatic pilot system, a radar system, a lift control system, a control surface system, an engine or thrusting system, a braking system, a fuel system, a fuel injection system, landing gear, and a fuel dumping system, an airplane operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, an airplane flight control system, an airplane operation, and an

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operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~327~~. A control apparatus, comprising:

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a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and

transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device,

wherein the vehicle is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, and a moped, and further wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and

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cont.

a vehicle appliance, is at least one of a siren, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a track locking device, a video recording device, a camera, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, lighting systems, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, a hood, a trunk, and an opening component, a command computer, an automatic control device for controlling or monitoring at least one of vehicle movement or motion, vehicle at least one of forward and reverse direction of movement, vehicle speed of movement, vehicle braking, and vehicle steering, a vehicle operation data monitoring device, a gun, a weapon system, a self-defense system, an electronic warfare system, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, a control system, vehicle

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operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance. --

IN THE SPECIFICATION:

Please amend the Specification as follows:

Please replace the paragraph beginning at Page 196, line 20 with the following new paragraph:

M2
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-- The boat equipment system(s) 1211 may also include any one or more of the widely known boat anti-theft systems and may also include a boat recovery system or device, including a homing and/or a tracking system, each of which system(s) may be activated by the apparatus 1200 of the present invention. The boat equipment system(s) 1211 may also include communication devices, such as two-way radios, radios, televisions, navigational devices and/or equipment, fire extinguishing equipment, pumping devices for pumping water out of the boat, radar devices and equipment, emergency and/or distress signal equipment, sonar devices and/or equipment, and any electrical,

electronic and/or otherwise activated appliances and/ or
equipment which may be utilized on a boat. Appliances may
include household appliances such as refrigerators, stoves,
air conditioners, ovens, microwave ovens, lighting systems,
etc. The boat equipment system(s) 1211 may also include
systems for detecting failures in any of the above or any
other equipment systems and report such failures to the
user or operator whether he or she is operating the boat or
is not onboard the boat and/or for reporting such failures
to a central office. --

MB
Cant

Please replace the paragraph beginning at
Page 201, line 4 with the following new paragraph:

-- The boat equipment system(s) 1211 may also
include an intercom system or device or telephone,
cellular, digital or otherwise for providing a means by
which to allow the user or operator, or other authorized
operator, to communicate with the operator and/or occupants
of the boat. The boat equipment system 1211 can also
include video conferencing devices and/or equipment for
enabling the boat occupants and/or individuals inside the
boat, outside the boat, and/or in the vicinity of the boat,
to engage in and/or partake in video conferences and/or

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M3
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video conferencing with others via a communication network. --

Please replace the paragraph beginning at Page 204, line 2 with the following new paragraph:

M4

-- The boat equipment system(s) 1211 may also include locks for preventing use and/or access to various locations, systems, devices, and/or components of the boat. The boat equipment systems may also include hydraulic and/or pneumatic equipment and/or other equipment, including winches, etc, which may be remotely activated as described herein. The boat equipment system(s) 1211 may also include boat communication devices including, but not limited to radios, televisions and entertainment devices, two-way radios, cellular telephones and equipment, etc. The boat equipment system(s) 1211 may also include systems for detecting failures in any of the above, or any other, equipment systems and report such failure(s) to the user or operator whether he or she is operating the boat or is not in the boat and/or for reporting such failures to a central office. --

Please replace the paragraph beginning at

Page 206, line 8 with the following new paragraph:

115 -- The boat equipment system(s) 1211 can also include automatic control devices for controlling and/or monitoring boat systems and/or devices for boat movement and/or motion, such as, but not limited to, boat motor and/or transmission system for controlling boat forward and/or reverse direction of movement, boat acceleration system for controlling speed of movement, boat rudder system and/or boat steering system, boat pump system, and/or any other system and/or component for controlling and/or for effecting remote-control over the movement, motion and/or operation of the boat. --

Please replace the paragraph beginning at Page 207, line 5 with the following new paragraph:

116 cont. -- As noted above, the use of any one or more of the boat equipment system or systems 1211, and their associated interface devices 1212, may be optional and may further include any other systems and/or devices which may, or are, utilized in and/or in conjunction with any of the above noted or envisioned vehicles. The boat equipment system(s) 1211, especially when the apparatus is utilized

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cont.*

in conjunction with law enforcement and/or military vehicles, may also include guns and/or weapon systems and/or self defense systems and electronic warfare systems. --

Please replace the paragraph beginning at Page 220, line 9 with the following new paragraph:

*117
cont.*

-- The airplane equipment system(s) 1311 may also include any one or more of the widely known airplane anti-theft systems and may also include a airplane recovery system or device, including a homing and/or a tracking system, each of which system(s) may be activated by the apparatus 1300 of the present invention. The airplane equipment system(s) 1311 may also include landing gear, cabin and/or interior pressurization systems, devices, and/or cabin pressurization control and/or monitoring systems and/or devices, communication devices, such as two-way radios, radios, televisions, navigational devices and/or equipment, fire extinguishing equipment, radar devices and equipment, emergency and/or distress signal equipment, sonar devices and/or equipment, and any electrical, electronic and/or otherwise activated appliances and/or equipment which may be utilized on an

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airplane. Appliances may include household appliances such as refrigerators, stoves, air conditioners, ovens, microwave ovens, lighting systems, etc. The airplane equipment system(s) 1311 may also include systems for detecting failures in any of the above or any other equipment systems and report such failures to the user or operator whether he or she is operating the airplane or is not onboard the airplane and/or for reporting such failures to a central office. --

Please replace the paragraph beginning at
Page 223, line 7 with the following new paragraph:

*MS
cont.*

-- The airplane equipment system(s) 1311 may also include audio recording equipment, which may include audio recording device(s) such as microphones and/or tape recorders, such as those utilized in conjunction with personal computers, televisions, digital televisions, interactive televisions, telephones, cellular telephones, display telephones, video telephones, and/or other communication devices, including personal communication devices. The audio recording device(s) may be digital audio recording devices or other suitable audio devices including typical audio recording devices. The audio

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recording device(s), in a preferred embodiment, has associated therewith a transceiver or transmitter/receiver system for transmitting the recorded audio to the user or operator and for receiving signals such as, for example, control signals, by which the user or operator may exercise control over the audio recording device(s). --

Please replace the paragraph beginning at Page 231, line 5 with the following new paragraph:

MS

-- In the case of commercial equipment, industrial equipment, the airplane equipment system(s) 1311 may also include loading and/or unloading mechanisms, winches, etc., and any and/or all of the various systems and devices utilized in conjunction with these airplanes and/or equipment. --

MARKED-UP VERSIONS SHOWING CHANGES MADE TO THE SPECIFICATION:

Paragraph beginning at Page 196, line 20:

The boat equipment system(s) 1211 may also include any one or more of the widely known boat anti-theft systems and may also include a boat recovery system or

device, including a homing and/or a tracking system, each of which system(s) may be activated by the apparatus 1200 of the present invention. The boat equipment system(s) 1211 may also include communication devices, such as two-way radios, radios, televisions, navigational devices and/or equipment, fire extinguishing equipment, pumping devices for pumping water out of the boat, radar devices and equipment, emergency and/or distress signal equipment, sonar devices and/or equipment, and any electrical, electronic and/or otherwise activated appliances and/or equipment which may be utilized on a boat. Appliances may include household appliances such as refrigerators, stoves, air conditioners, ovens, microwave ovens, lighting systems, etc. The boat equipment system(s) [11] 1211 may also include systems for detecting failures in any of the above or any other equipment systems and report such failures to the user or operator whether he or she is operating the boat or is not onboard the boat and/or for reporting such failures to a central office.

Paragraph beginning at Page 201, line 4:

The boat equipment system(s) 1211 may also include an intercom system or device or telephone,

cellular, digital or otherwise for providing a means by which to allow the user or operator, or other authorized operator, to communicate with the operator and/or occupants of the boat. The boat equipment system [11] 1211 can also include video conferencing devices and/or equipment for enabling the boat occupants and/or individuals inside the boat, outside the boat, and/or in the vicinity of the boat, to engage in and/or partake in video conferences and/or video conferencing with others via a communication network.

Paragraph beginning at Page 204, line 2:

The boat equipment system(s) 1211 may also include locks for preventing use and/or access to various locations, systems, devices, and/or components of the boat. The boat equipment systems may also include hydraulic and/or pneumatic equipment and/or other equipment, including winches, etc, which may be remotely activated as described herein. The boat equipment system(s) [11] 1211 may also include boat communication devices including, but not limited to radios, televisions and entertainment devices, two-way radios, cellular telephones and equipment, etc. The boat equipment system(s) 1211 may also include systems for detecting failures in any of the above, or any

other, equipment systems and report such failure(s) to the user or operator whether he or she is operating the boat or is not in the boat and/or for reporting such failures to a central office.

Paragraph beginning at Page 206, line 8:

The boat equipment system(s) [11] 1211 can also include automatic control devices for controlling and/or monitoring boat systems and/or devices for boat movement and/or motion, such as, but not limited to, boat motor and/or transmission system for controlling boat forward and/or reverse direction of movement, boat acceleration system for controlling speed of movement, boat rudder system and/or boat steering system, boat pump system, and/or any other system and/or component for controlling and/or for effecting remote-control over the movement, motion and/or operation of the boat.

Paragraph beginning at Page 207, line 5:

As noted above, the use of any one or more of the [vehicle] boat equipment system or systems [11] 1211, and their associated interface devices [12] 1212, may be

optional and may further include any other systems and/or devices which may, or are, utilized in and/or in conjunction with any of the above noted or envisioned vehicles. The [vehicle] boat equipment system(s) [11] 1211, especially when the apparatus is utilized in conjunction with law enforcement and/or military vehicles, may also include guns and/or weapon systems and/or self defense systems and electronic warfare systems.

Paragraph beginning at Page 220, line 9:

The airplane equipment system(s) [11] 1311 may also include any one or more of the widely known airplane anti-theft systems and may also include a airplane recovery system or device, including a homing and/or a tracking system, each of which system(s) may be activated by the apparatus 1300 of the present invention. The airplane equipment system(s) 1311 may also include landing gear, cabin and/or interior pressurization systems, devices, and/or cabin pressurization control and/or monitoring systems and/or devices, communication devices, such as two-way radios, radios, televisions, navigational devices and/or equipment, fire extinguishing equipment, radar devices and equipment, emergency and/or distress signal

equipment, sonar devices and/or equipment, and any electrical, electronic and/or otherwise activated appliances and/or equipment which may be utilized on an airplane. Appliances may include household appliances such as refrigerators, stoves, air conditioners, ovens, microwave ovens, lighting systems, etc. The airplane equipment system(s) 1311 may also include systems for detecting failures in any of the above or any other equipment systems and report such failures to the user or operator whether he or she is operating the airplane or is not onboard the airplane and/or for reporting such failures to a central office.

Paragraph beginning at Page 223, line 7:

The airplane equipment system(s) [1211] 1311 may also include audio recording equipment, which may include audio recording device(s) such as microphones and/or tape recorders, such as those utilized in conjunction with personal computers, televisions, digital televisions, interactive televisions, telephones, cellular telephones, display telephones, video telephones, and/or other communication devices, including personal communication devices. The audio recording device(s) may be digital

audio recording devices or other suitable audio devices including typical audio recording devices. The audio recording device(s), in a preferred embodiment, has associated therewith a transceiver or transmitter/receiver system for transmitting the recorded audio to the user or operator and for receiving signals such as, for example, control signals, by which the user or operator may exercise control over the audio recording device(s).

Paragraph beginning at Page 231, line 5:

In the case of commercial equipment, industrial equipment, the airplane equipment system(s) 1311 may also include loading and/or unloading mechanisms, winches, etc., and any and/or all of the various systems and devices utilized in conjunction with these [boats] airplanes and/or equipment.

IN THE ABSTRACT OF THE DISCLOSURE:

Please delete the ~~Abstract~~ of the Disclosure and please substitute therefor the new Abstract of the Disclosure which is attached hereto on a separate sheet.

REMARKS

This is a Second Preliminary Amendment in the above-identified application. By this Second Preliminary Amendment, Applicant has added new Claims 324-327. Applicant has also amended the Specification in order to correct inadvertent errors. Applicant has also amended the Abstract of the Disclosure. Applicant respectfully submits that the above-referenced amendments to the Claims, to the Specification and to the Abstract of the Disclosure, do not contain new matter.

Applicant respectfully submits that the newly added independent Claims 324-327 do not contain new matter.

With regard to each of Claims 324, 325, 326 and 327, Applicant respectfully submits that the term "automatically" means "without human intervention". In this regard, Applicant respectfully submits that the term "automatically received" means "received without human intervention". Support for the respective term "automatically received" can, for example, be found in the Specification at page 47, lines 4-18; page 67, line 6 to page 69, line 19; page 70, line 17 to page 73, line 6; page

105, line 11 to page 111, line 11; page 161, line 21 to page 163, line 2; page 166, line 22 to page 181, line 6, page 283, line 7 to page 284, line 3; page 306, line 17 to page 308, line 8; page 310, line 5 to page 312, line 6, and page 320, line 3 to page 321, line 21; and in the Drawings in Figures 5A, 5B, 11A and 11B.

Regarding independent Claim 324, Applicant respectfully submits that support for independent Claim 324 can, for example, be found in the Specification at page 65, line 20 to page 89, line 18; page 96, line 16 to page 97, line 15; page 106, line 10 to page 139, line 15; and page 166, line 9 to page 182, line 6; and in the Drawings in Figures 1, 5A, 5B, 11A and 11B.

Regarding independent Claim 325, Applicant respectfully submits that support for independent claim 325 can, for example, be found in the Specification at page 65, line 20 to page 89, line 18; page 96, line 16 to page 97, line 15; page 106, line 10 to page 139, line 15; page 166, line 9 to page 182, line 6; and page 192, line 10 to page 215, line 23; and in the Drawings in Figures 1, 5A, 5B, 11A, 11B, and 12.

Regarding independent Claim 326, Applicant respectfully submits that support for independent claim 326 can, for example, be found in the Specification at page 65, line 20 to page 89, line 18; page 96, line 16 to page 97, line 15; page 106, line 10 to page 139, line 15; page 166, line 9 to page 182, line 6; and page 216, line 1 to page 239, line 22; and in the Drawings in Figures 1, 5A, 5B, 11A, 11B and 13.

Regarding independent Claim 327, Applicant respectfully submits that support for independent claim 327 can, for example, be found in the Specification at page 65, line 20 to page 89, line 18; page 96, line 16 to page 97, line 15; page 106, line 10 to page 139, line 15; page 166, line 9 to Page 182, line 6; and page 240, line 1 to page 263, line 12; and in the Drawings in Figures 1, 5A, 5B, 11A, 11B and 14.

Applicant respectfully submits that the newly added Claims 324-327 do not contain new matter. Applicant further submits that the above amendments to the Claims were not made for purposes related to patentability. Applicant further respectfully submits that the present

invention, as defined by independent Claims 324-327, is patentable over the prior art.

Applicant has amended the Specification, as shown, in order to correct inadvertent errors. Applicant respectfully submits that the amendments to the Specification do not contain new matter.

Regarding the paragraph beginning at page 196, line 20, Applicant has amended the paragraph so as to replace "11" with -- 1211 --, as shown, in order to correct an inadvertent error.

Regarding the paragraph beginning at page 201, line 4, Applicant has amended the paragraph so as to replace "11" with -- 1211 --, as shown, in order to correct an inadvertent error.

Regarding the paragraph beginning at page 204, line 2, Applicant has amended the paragraph so as to replace "11" with -- 1211 --, as shown, in order to correct an inadvertent error.

Regarding the paragraph beginning at page 206,

line 8, Applicant has amended the paragraph so as to replace "11" with -- 1211 --, as shown, in order to correct an inadvertent error.

Regarding the paragraph beginning at page 207, line 5, Applicant has amended the paragraph so as to replace "11" with -- 1211 --, as shown in both instances, in order to correct inadvertent errors. Applicant has also amended the paragraph so as to replace "12" with -- 1212 --, as shown, and so as to replace "vehicle" with -- boat --, as shown, in order to correct inadvertent errors.

Regarding the paragraph beginning at page 220, line 9, Applicant has amended the paragraph so as to replace "11" with -- 1311 --, as shown, in order to correct an inadvertent error.

Regarding the paragraph beginning at page 223, line 7, Applicant has amended the paragraph so as to replace "1211" with -- 1311 --, as shown, in order to correct an inadvertent error.

Regarding the paragraph beginning at page 231,

line 5, Applicant has amended the paragraph so as to replace "boats" with -- airplanes --, as shown, in order to correct an inadvertent error.


Applicant respectfully submits that the amendments to the Specification do not contain new matter.

Applicant further respectfully submits that the new Abstract of the Disclosure does not contain new matter.

Entry of this Second Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

An Information Disclosure Statement is also submitted herewith.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls. - Abstract of the Disclosure
- Information Disclosure Statement

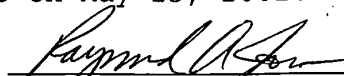
May 15, 2002
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

ABSTRACT OF THE DISCLOSURE

210
A control apparatus and method, including a first control device, located at a vehicle or premises, capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a respective system, equipment system, component, device, equipment, and appliance, of a respective vehicle or premises, with a first signal. The first control device generates and/or transmits the first signal in response to a second signal generated by and/or transmitted from a second control device located remote from the vehicle. The second signal is automatically received by the first control device. The second control device generates and/or transmits the second signal in response to a third signal generated by and/or transmitted from a third control device located remote from the vehicle and the second control device. The third signal is automatically received by the second control device.

#47

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on May 15, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|--------------------|--|----------------------------|
| APPLICANT : | RAYMOND A. JOAO | RECEIVED |
| SERIAL NO. : | 09/551,365 | MAY 15 2002 |
| FILED : | APRIL 17, 2000 | OFFICE OF PETITIONS |
| FOR : | CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD | |
| EXAMINER : | V. TRIEU | |
| GROUP : | 2632 | |
| ALLOWED : | FEBRUARY 11, 2002 | |
| CONFIRMATION NO. : | 1497 | |

Assistant Commissioner For Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.97 and §1.98, Applicant respectfully requests that the documents listed on the attached INFORMATION DISCLOSURE STATEMENT BY APPLICANT forms (Substitute for form 1449A/PTO) (6 sheets) be made of

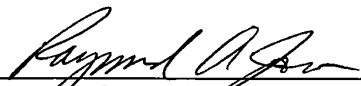
record and be considered in connection with the examination of this application.

Copies of the cited references are being submitted with an Information Disclosure Statement which is being filed concurrently, on this date, in parent U.S. Patent Application Serial No. 09/277,935.

No fee is due with this Information Disclosure Statement as it is being filed before the mailing of a first Office Action on the merits in the above-identified continued examination application.

Entry of this Information Disclosure Statement is respectfully requested.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls.: - INFORMATION DISCLOSURE STATEMENT BY APPLICANT
Forms (Substitute for form 1449A/PTO) (6 pages)

May 15, 2002
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

#43

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|--|------------------------|-----------------|
| REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL Address to: Commissioner for Patents Box RCE Washington, DC 20231 | Application Number | 09/551,365 |
| | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Art Unit | 2632 |
| | Examiner Name | V. TRIEU |
| | Attorney Docket Number | RJ315 |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114

- a. Previously submitted
 - i. Consider the amendment(s)/reply under 37 CFR 1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered).
 - ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - iii. Other _____
- b. Enclosed
 - i. Amendment/Reply
 - ii. Affidavit(s)/Declaration(s)
 - iii. Information Disclosure Statement (IDS)
 - iv. Other PRELIMINARY AMENDMENT

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2. Miscellaneous

- a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. Other _____

3. Fees

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. _____
 - i. RCE fee required under 37 CFR 1.17(e)
 - ii. Extension of time fee (37 CFR 1.136 and 1.17)
 - iii. Other _____
 - b. Check in the amount of \$ _____ enclosed
 - c. Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED | | | |
|---|------------------------|-----------------------------------|--------|
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature | <i>Raymond A. Joao</i> | Date | 5/6/02 |

| CERTIFICATE OF MAILING OR TRANSMISSION | | | |
|--|------------------------|------|--------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below. HAND DELIVERED TO OFFICE OF PETITIONS ON MAY 6, 2002 | | | |
| Name (Print/Type) | RAYMOND A. JOAO | Date | 5/6/02 |
| Signature | <i>Raymond A. Joao</i> | Date | 5/6/02 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND Fees and Completed Forms to the following address: Assistant Commissioner for Patents, Box RCE, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|--|--|-----------------|
| FEE TRANSMITTAL for FY 2002 | | <i>Patent fees are subject to annual revision.</i> | |
| | | Complete if Known | |
| | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Examiner Name | V. TRIEU |
| | | Group Art Unit | 2632 |
| | | Attorney Docket No. | RJ315 |
| TOTAL AMOUNT OF PAYMENT | | (\$) 370.00 | |

RECEIVED

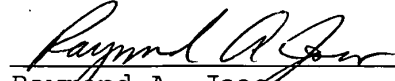
| <p>METHOD OF PAYMENT (check all that apply)</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</p> <p><input type="checkbox"/> Deposit Account:</p> <p>Deposit Account Number: _____</p> <p>Deposit Account Name: _____</p> <p>The Commissioner is authorized to: (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments</p> <p><input type="checkbox"/> Charge any additional fee(s) during the pendency of this application</p> <p><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</p> | <p style="text-align: right;">MAY 06 2002</p> <p style="text-align: right;">OFFICE OF PETITIONS</p> <p>FEE CALCULATION (continues)</p> <p>3. ADDITIONAL FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td>370.00</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">Subtotal (1)</td> <td style="text-align: right;">(\$)</td> <td></td> </tr> </tbody> </table> <p>1. BASIC FILING FEE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">Subtotal (1)</td> <td style="text-align: right;">(\$)</td> <td></td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <p>Extra Claims Fee from below Fee Paid</p> <p>Total Claims Independent Claims Multiple Dependent</p> <p>-20** = _____ X _____ = _____</p> <p>-3** = _____ X _____ = _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">Subtotal (2)</td> <td style="text-align: right;">(\$)</td> <td></td> </tr> </tbody> </table> <p>Subtotal (3) (\$) 370.00</p> <p><small>**or number previously paid, if greater; For Reissues, see above</small></p> | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | | 139 | 130 | 139 | 130 | Non-English specification | | 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | 115 | 110 | 215 | 55 | Extension for reply within first month | | 116 | 400 | 216 | 200 | Extension for reply within second month | | 117 | 920 | 217 | 460 | Extension for reply within third month | | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | 119 | 320 | 219 | 160 | Notice of Appeal | | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | 121 | 280 | 221 | 140 | Request for oral hearing | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | 143 | 460 | 243 | 230 | Design issue fee | | 144 | 620 | 244 | 310 | Plant issue fee | | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | 370.00 | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | Other fee (specify) _____ | | | | | | Subtotal (1) | | | | (\$) | | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101 | 740 | 201 | 370 | Utility filing fee | | 106 | 330 | 206 | 165 | Design filing fee | | 107 | 510 | 207 | 255 | Plant filing fee | | 108 | 740 | 208 | 370 | Reissue filing fee | | 114 | 160 | 214 | 80 | Provisional filing fee | | Subtotal (1) | | | | (\$) | | Large Entity | | Small Entity | | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 103 | 18 | 203 | 9 | Claims in excess of 20 | | 102 | 84 | 202 | 42 | Independent claims in excess of 3 | | 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | | 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | Subtotal (2) | | | | (\$) | |
|--|---|--------------|----------|--|----------|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|----|-------------------------------------|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---------------------------|--|-----|-------|-----|-------|--|--|-----|------|-----|------|--|--|-----|--------|-----|--------|---|--|-----|-----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-------|-----|-----|---|--|-----|-------|-----|-----|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|-------------------------------------|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--------|-----|-----|-----|-----|---|--|---------------------------|--|--|--|--|--|---------------------|--|--|--|------|--|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|-----|--------------------|--|-----|-----|-----|-----|-------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--------------------|--|-----|-----|-----|----|------------------------|--|---------------------|--|--|--|------|--|--------------|--|--------------|--|-----------------|----------|----------|----------|----------|----------|-----|----|-----|---|------------------------|--|-----|----|-----|----|-----------------------------------|--|-----|-----|-----|-----|---------------------------------------|--|-----|----|-----|----|--|--|-----|----|-----|---|--|--|---------------------|--|--|--|------|--|
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 320 | 219 | 160 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 280 | 221 | 140 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 460 | 243 | 230 | Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 620 | 244 | 310 | Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | 370.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (1) | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 740 | 201 | 370 | Utility filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 330 | 206 | 165 | Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 510 | 207 | 255 | Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 740 | 208 | 370 | Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 160 | 214 | 80 | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (1) | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity | | Small Entity | | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (2) | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|------------------------|-----------------------------------|--------------|
| SUBMITTED BY | | Complete (if applicable) | |
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature | <i>Raymond A. Joao</i> | Telephone | 914-969-2992 |
| | | Date | 5/6/02 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on May 6, 2002.


Raymond A. Joao

#44/4
H. Hoyle
6-18-02

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : FEBRUARY 11, 2002
CONFIRMATION NO. : 1497

RECEIVED
MAY 06 2002
OFFICE OF PETITIONS

Box ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

This is a Preliminary Amendment in the above-identified application. Entry of this Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

✓ ✓ ✓ ✓ ✓
Please cancel Claims 33, 46, 67 and 68, without
prejudice.


REMARKS

This is a Preliminary Amendment in the above-identified application. Entry of this Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested. By this Preliminary Amendment, Applicant has cancelled Claims 33, 46, 67 and 68, without prejudice.

Entry of this Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

An Information Disclosure Statement is also submitted
herewith.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

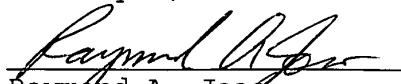
Encl. - Information Disclosure Statement

May 6, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

#45

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on May 6, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAY 06 2002

OFFICE OF PETITIONS

APPLICANT : RAYMOND A. JOAO

SERIAL NO. : 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. TRIEU

GROUP : 2632

ALLOWED : FEBRUARY 11, 2002

CONFIRMATION NO. : 1497

Box ISSUE FEE
 Assistant Commissioner For Patents
 Washington, D.C. 20231

PETITION TO WITHDRAW APPLICATION FROM ISSUE TRANSMITTAL LETTER


Sir:

Please find transmitted herewith the following:

1. Petition To Withdraw Application From Issue After Issue Fee Has Been Paid, Pursuant To 37 C.F.R. §1.313(c)(2);

2. Fee Transmittal Sheet (in duplicate) corresponding to payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h);
3. Credit Card Payment Form for payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h);
4. Request For Continued Examination (RCE) Transmittal form;
5. Preliminary Amendment;
6. Information Disclosure Statement;
7. Fee Transmittal Sheet (in duplicate) corresponding to the payment of \$370.00 for the required fee for the Request For Continued Examination (RCE) under 37 C.F.R. §1.17(e);
8. Credit Card Payment Form for payment of \$370.00 for the required fee for the Request For Continued Examination (RCE) under 37 C.F.R. §1.17(e); and
9. Return receipt postcard.

Respectfully Submitted,

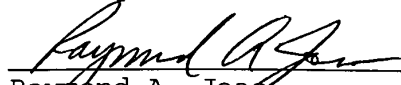

Raymond A. Joao
Reg. No. 35,907

May 6, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

#45

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on May 6, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
 SERIAL NO. : 09/551,365
 FILED : APRIL 17, 2000
 FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
 EXAMINER : V. TRIEU
 GROUP : 2632
 ALLOWED : FEBRUARY 11, 2002
 CONFIRMATION NO. : 1497

RECEIVED
 MAY 06 2002
 OFFICE OF PETITIONS

Box ISSUE FEE
 Assistant Commissioner For Patents
 Washington, D.C. 20231

PETITION TO WITHDRAW APPLICATION FROM ISSUE AFTER ISSUE FEE HAS BEEN PAID, PURSUANT TO 37 C.F.R. §1.313(c)(2)

Sir:

This is a Petition To Withdraw Application From Issue After Issue Fee Has Been Paid, Pursuant to 37 C.F.R. §1.313(c)(2). Applicant hereby petitions and respectfully requests that the Commissioner withdraw the above-identified

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application from issue, after the issue fee has been paid, in order to allow for the consideration of a Request For Continued Examination, in compliance with 37 C.F.R. §1.114, in the above-identified application.

Applicant submits herewith a Request for Continued Examination (RCE) in compliance with 37 C.F.R. §1.114 in the above-identified application. Applicant submits herewith a Request for Continued Examination (RCE) Transmittal form in compliance with 37 C.F.R. §1.114, a Preliminary Amendment containing an amendment to the claims, an Information Disclosure Statement, and a Credit Card Payment Form for payment of \$370.00 for the required fee under 37 C.F.R. §1.17(e) for the Request for Continued Examination.

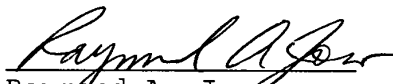
A Fee Transmittal Sheet (in duplicate), which corresponds to the payment of \$370.00 for the Request for Continued Examination, is also submitted herewith.

Applicant also submits herewith a Credit Card Payment Form for payment of \$130.00 for the required fee for this Petition pursuant to 37 C.F.R. §1.17(h). A Fee Transmittal Sheet (in duplicate), which corresponds to the payment of \$130 for this Petition, is also submitted herewith.

Applicant respectfully petitions and requests that the Commissioner withdraw the above-identified application from issue in order to allow for the consideration of Applicant's Request for Continued Examination, which is in compliance with 37 C.F.R. §1.114, along with the above-referenced Preliminary Amendment and Information Disclosure Statement.

In view of the above, Applicant respectfully requests that this Petition be granted, that the above-identified application be withdrawn from issue, and that Applicant's Request for Continued Examination be considered in the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

- Encls. - Request for Continued Examination (RCE) Transmittal form in compliance with 37 C.F.R. §1.114;
- Preliminary Amendment;
- Information Disclosure Statement;
- Credit Card Payment Form for payment of \$370.00 for the required fee for the Request for Continued Examination under 37 C.F.R. §1.17(e);
- Fee Transmittal Sheet (in duplicate) corresponding to the payment for the Request for Continued Examination;
- Credit Card Payment form for payment of \$130.00 for the required fee for this Petition under 37 C.F.R. §1.17(h);

- Fee Transmittal Sheet (in duplicate) corresponding to
the payment for this Petition.

May 6, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office Washington, D.C. 20231 www.uspto.gov

Paper No. 48

RAYMOND A. JOAO ESQ
122 BELLEVUE PLACE
YONKERS NY 10703

COPY MAILED

MAY 06 2002

In re Application of
Raymond A. Joao
Application No. 09/551,365
Filed: April 17, 2000
Attorney Docket No. RJ315

OFFICE OF PETITIONS
ON PETITION

This is a decision on the petition, filed May 6, 2002, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on February 19, 2002 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (703) 305-8859.

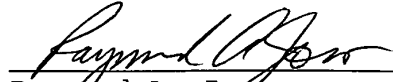
The application is being forwarded to Technology Center AU 2632 for processing of the request for continued examination under 37 CFR 1.114.

Karen Creasy
Karen Creasy
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to ***timely request in writing*** that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.

#42

I hereby certify that this correspondence is being hand delivered to the Office of Petitions on May 6, 2002.


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|--------------------|--|---|
| APPLICANT : | RAYMOND A. JOAO | RECEIVED MAY 06 2002 OFFICE OF PETITIONS |
| SERIAL NO. : | 09/551,365 | |
| FILED : | APRIL 17, 2000 | |
| FOR : | CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD | |
| EXAMINER : | V. TRIEU | |
| GROUP : | 2632 | |
| ALLOWED : | FEBRUARY 11, 2002 | |
| CONFIRMATION NO. : | 1497 | |

Box ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.97 and §1.98, Applicant respectfully requests that the documents listed on the attached INFORMATION DISCLOSURE STATEMENT BY APPLICANT form

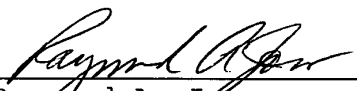
(Substitute for form 1449A/PTO) be made of record and be considered in connection with the examination of this application.

Copies of the cited references are submitted herewith.

No fee is due with this Information Disclosure Statement as it is being filed before the mailing of a first Office Action on the merits in the above-identified continued examination application.

Entry of this Information Disclosure Statement is respectfully requested.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls.: - INFORMATION DISCLOSURE STATEMENT BY APPLICANT
Form (Substitute for form 1449A/PTO) (1 page)
- Copies of three (3) cited references

May 6, 2002

122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

Complete and mail this form, together with app.

MAILING INSTRUCTIONS: This form should be used for transmitting to the Patent and Trademark Office, where appropriate. All further correspondence including the Patent, advance order, or maintenance fee notifications, directed otherwise in Block 1, by (a) specifying.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

02/11/2002



US
or by

I hereby enclose the United States Patent envelope address indicated below.

RAYMOND A.
Raymond A.
2/19/02

| | | | |
|-------------------------------|---------------------------|--|------------------------------|
| APPLICATION NO. 09/551,365 | FILING DATE 02/17/2000 | FIRST NAMED INVENTOR Raymond Anthony Joao | ATTORNEY DOCKET NO. RJ315 |
|-------------------------------|---------------------------|--|------------------------------|

TITLE OF INVENTION: CONTROL MONITORING AND/OR SECURITY APPARATUS AND METHOD

| | | | | | | |
|------------------------------|-------------------------------|------------------------------|-------------------|------------------------|--------------------------|--------------------|
| TOTAL CLAIMS 218 | AFFILIATION nonprovisional | SMALL ENTITY YES | ISSUE FEE \$20 | PUBLICATION FEE \$0 | TOTAL FEE(S) DUE \$20 | DATE 05/13/2002 |
| EXAMINER TRIEU, VAN THANH | ART UNIT 2632 | CLASS-SUBCLASS 340-539000 | | | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.
 Change of correspondence address form PTO/SB/122 attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
 1. RAYMOND A. JOAO
 2. _____
 3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
 PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.
 (A) NAME OF ASSIGNEE
 (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

4a. The following fee(s) are enclosed:
 Issue Fee
 Publication Fee
 Advance Order - # of Copies 1

4b. Payment of Fee(s):
 A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Raymond A. Joao (Date) 2/19/02

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest, as shown by the records of the United States Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

02/22/2002 09551365 00000072 09551265
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 02 FC:1561 30.00 DP

#40
CA
1-02

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Raymond A. Joao
Raymond A. Joao

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : FEBRUARY 11, 2002
CONFIRMATION NO. : 1497

BOX ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Sir:

This is Applicant's Comments on Statement of Reasons for Allowance in the above-identified application. Entry

of this Comments on Statement of Reasons for Allowance is respectfully requested.

In the Detailed Action which accompanied the Notice of Allowance and Issue Fee Due and Notice of Allowability, mailed February 11, 2002, the Examiner provided, at page 2, the following Examiner's statement of reasons for allowance: "there are no references teaching or suggesting of the subject matters as of claimed limitations in each of the independent claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120."

Applicant respectfully submits the following Comments on Statement of Reasons for Allowance.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 33.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 46.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 47.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 62.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 67.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 68.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 91.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 92.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 112.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 115.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 116.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 117.


Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 118.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 119.

Applicant submits that the prior art does not disclose or suggest, and no references teach, the present invention as defined by independent Claim 120.

Entry of the above Comments on Statement of Reasons for Allowance is respectfully requested.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

February 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 965-2992

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office and is addressed to BOX ISSUE FEE, Assistant Commissioner for Patents, Washington, D.C. 20231, on February 19, 2002.



Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : FEBRUARY 11, 2002
CONFIRMATION NO. : 1497

BOX ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

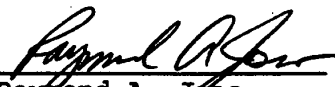
COMMUNICATION REGARDING CORRECT SPELLING OF APPLICANT'S NAME IN THE COMMENTS REGARDING THE EXAMINER'S AMENDMENT

Sir:
This is a Communication regarding the correct spelling of Applicant's name in the comments regarding the Examiner's Amendment.

As correctly noted in the comments regarding the Examiner's Amendment, Applicant agreed to authorize the indicated Examiner's Amendment to Claim 122. Please note, however, that the authorization for the Examiner's Amendment was given by the Applicant, Raymond A. Joao, Registration No. 35,907. The Detailed Action discussing the Examiner's Amendment contains a typographical error in the spelling of Applicant's name by misspelling Applicant's name as "Raymond A. Doao".

Applicant respectfully requests that the spelling of Applicant's name be corrected, where appropriate, so as to correctly indicate the correct spelling of Applicant's name as Raymond A. Joao, Registration No. 35,907.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

February 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

14

1 O



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office Washington, D.C. 20231 www.uspto.gov

Paper No. 30

RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703



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NOV 30 2001

OFFICE OF PETITIONS

ON PETITION

In re Application of
Raymond A. Joao
Application No. 08/551,365
Filed: April 17, 2000
Attorney Docket No. RJ315

This is a decision on the petition, filed October 26, 2001 and supplemented by facsimile transmission on October 31, 2001, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

The petition is GRANTED.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on August 29, 2001 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (703) 305-8859.

The application is being forwarded to Technology Center AU 2632 for processing of the request for continued examination under 37 CFR 1.114.

Karen Creasy

Karen Creasy
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice must be made in writing and should be accompanied by the new Issue Fee Transmittal Form PTOL-85(b), along with a copy of this decision. Additionally, if the issue fee has increased from the previously paid issue fee, the balance due must be submitted. Failure to timely request in writing that the previously paid issue fee be applied towards the new Notice and payment of any balance due will result in the abandonment of the application.

Best Available Copy



Handwritten initials 'B\$' and a checkmark.

RAYMOND A. JOAO
122 BELLEVUE PLACE
YONKERS, NEW YORK 10703
(914) 969-2992

Box ISSUE FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

Date: February 19, 2002

Docket No.: RJ315

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : FEBRUARY 11, 2002
CONFIRMATION NO. : 1497

Match & Return

PAPERS BEING FILED:

ISSUE FEE TRANSMITTAL FORM PTOL-85 PART B; copy of Office of Petitions Decision correspondence, mailed November 30, 2001; Check for \$20.00 for payment of the Issue Fee; COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE; STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS FOR PAYMENT OF ISSUE FEE PURSUANT TO 37 C.F.R. §1.27(g); COMMUNICATION REGARDING CORRECT SPELLING OF APPLICANT'S NAME IN THE COMMENTS REGARDING THE EXAMINER'S AMENDMENT; and Check for \$30.00 for ten (10) advance order copies of the Patent

ISSUE FEE TRANSMITTAL LETTER AND REQUEST TO APPLY PREVIOUSLY PAID ISSUE FEE TO THE NEW NOTICE OF ALLOWANCE

Sir:

Submitted herewith please find a Form PTOL-85

PART B along with a check in the amount of \$20.00 for payment of the required Issue Fee for the above-identified application. Applicant hereby requests to apply the Issue Fee of \$620.00, which was previously paid by Applicant in the above-identified application, to the New Notice of Allowance, mailed February 11, 2002.

Please note that the Issue Fee of \$620.00 was previously paid in the above-identified application and that such payment was acknowledged by the U.S. Patent & Trademark Office in the Office of Petitions Decision correspondence, mailed November 30, 2001. Applicant submits herewith a copy of the Office of Petitions Decision correspondence, mailed November 30, 2001.

In view of the above, Applicant respectfully requests that the Issue Fee of \$620.00, which was previously paid, be applied to the New Notice of Allowance, mailed February 11, 2002. As noted above, Applicant has submitted herewith a check in the amount of \$20.00, which is the required Issue Fee indicated on the NOTICE OF ALLOWANCE AND ISSUE FEE(S) DUE Form PTOL-85.

Please also find submitted herewith a COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE for entry into the above-identified application.

Please also find submitted herewith a STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS FOR PAYMENT OF ISSUE FEE PURSUANT TO 37 C.F.R. §1.27(g). Applicant is a Small Entity and, therefore, Small Entity Status is entitled to be asserted for the above-identified application.


Please also find submitted herewith a COMMUNICATION REGARDING CORRECT SPELLING OF APPLICANT'S NAME IN THE COMMENTS REGARDING THE EXAMINER'S AMENDMENT for entry into the above-identified application.

A check in the amount of \$30.00 is also enclosed for payment for Applicant's advance order of ten (10) copies of the Patent.

Applicant respectfully requests that the Commissioner of Patents and Trademarks apply the Issue Fee of \$20.00 and re-apply the previously paid Issue Fee of \$620.00 to the above-identified application.

Applicant also respectfully requests that the above-identified papers be entered into the above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

February 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office and is addressed to BOX ISSUE FEE, Assistant Commissioner for Patents, Washington, D.C. 20231, on February 19, 2002.


Raymond A. Joao

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Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632
ALLOWED : FEBRUARY 11, 2002
CONFIRMATION NO. : 1497

BOX ISSUE FEE
Assistant Commissioner For Patents
Washington, D.C. 20231

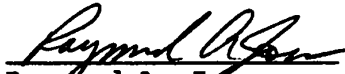
STATEMENT OF NEW DETERMINATION OF SMALL ENTITY STATUS FOR
PAYMENT OF ISSUE FEE PURSUANT TO 37 C.F.R. 51.27(g)

Sir:

Applicant is a Small Entity and, therefore,

Small Entity Status is entitled to be asserted for the
above-identified application.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

February 19, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20221
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/11/2002
Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

EXAMINER

TRIEU, VAN THANH

ART UNIT CLASS-SUBCLASS

2632 340-539000

DATE MAILED: 02/11/2002

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 09/551,365, 04/17/2000, Raymond Anthony Joao, RJ315, 1497

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

Table with 7 columns: TOTAL CLAIMS, APPLN. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE(S) DUE, DATE DUE
Values: 218, nonprovisional, YES, \$20, \$0, \$20, 05/13/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

[] Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and mail this form, together with applicable fee(s), to:

Box ISSUE FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 02/11/2002

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703

Note: The certificate of mailing below can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

Certificate of Mailing

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

| |
|--------------------|
| (Depositor's name) |
| (Signature) |
| (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |

TITLE OF INVENTION: CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD

| TOTAL CLAIMS | APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|--------------|----------------|--------------|-----------|-----------------|------------------|------------|
| 218 | nonprovisional | YES | \$20 | \$0 | \$20 | 05/13/2002 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| TRIEU, VAN THANH | 2632 | 340-539000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1: _____
2: _____
3: _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

- Issue Fee
- Publication Fee
- Advance Order - # of Copies _____

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) _____ (Date) _____

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/551,365 | 04/17/2000 | Raymond Anthony Joao | RJ315 | 1497 |
| | 7590 | | EXAMINER | |
| | 02/11/2002 | | TRIEU, VAN THANH | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2632 | |

DATE MAILED: 02/11/2002

Raymond A Joao Esq
122 Bellevue Place
Yonkers, NY 10703
UNITED STATES

Determination of Patent Term Extension under 35 U.S.C. 154 (b)
(application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)

| | | | |
|-------------------------------|------------------------|-----------------------|--|
| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/551,365 | JOAO, RAYMOND ANTHONY | |
| | Examiner | Art Unit | |
| | Van T Trieu | 2632 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the Amendment filed on 31 January 2002.
2. The allowed claim(s) is/are 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-323.
3. The drawings filed on 7/17/01 are acceptable as formal drawings.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____ .
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.
5. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS , OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

6. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. Applicant MUST submit NEW FORMAL DRAWINGS
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached
 - 1) hereto or 2) to Paper No. _____.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>38</u> . |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>3526, 319, 34</u> | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. **Raymond A. Doao**, Registration No. 35,907 on 11 February, 2002.

The application has been amended as follows:

in claim 122, line 4, after the phrase "trailer," inserts --- a motorcycle, ---.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: there are no references teaching or suggesting of the subject matters as of claimed limitations in each of the independent claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lemelson et al discloses a computer controlled collision avoidance and warning method which includes the steps of receiving continuously from a network of satellites on a first communication link at one of a plurality of automobile GPS ranging signals of initially accurately determining the one's position on a highway. A control center generates a second signal to the second vehicle in response to the received position signal from the first vehicle. The second vehicle automatic/warning control system generates signals for controlling operation functions of the vehicle to avoid collision in response to the second signal receiver from the control center. [US 5,983,161]

Shamosh et al discloses a security protection system comprises sensors to detect an alarm condition and a controller that control operation of a vehicle system, the aircraft system, or the appliances of a premises. [US 5,144,661]

Sennott et al discloses systems and methods for the accurate determination of the terrestrial position of an automotive vehicle in real time. [US 5,438,517]

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to primary examiner **Van Trieu** whose telephone number is (703) 308-5220. The examiner can normally be reached on Mon-Fri from 7:00 AM to 4:00 PM.

Art Unit: 2632

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. **Jeffery Hofsass** can be reached on (703) 305-4717.

The office facsimile number is (703) 872-9314.

A handwritten signature in black ink, appearing to read 'Van Trieu', with a long horizontal flourish extending to the right.

Van Trieu
Primary Examiner
Date: 2/11/02

| | | | |
|-----------------------------------|-------------------------------|--|--------------------|
| Notice of References Cited | Application/Control No | Applicant(s)/Patent Under Reexamination | |
| | 09/551,365 | JOAO, RAYMOND ANTHONY | |
| | Examine: | Art Unit | Page 1 of 1 |
| Van T Trieu | | 2632 | |

U.S. PATENT DOCUMENTS

| * | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | DOCUMENT SOURCE ** | |
|-------------------------------------|---|--------------|-----------|----------------------|-------|----------|--------------------------|--------------------------|
| | | | | | | | APS | OTHER |
| <input checked="" type="checkbox"/> | A | 5,983,161 | Nov. 1999 | J. H. Lemelson, et a | 340 | 903 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | B | 5,144,661 | Sep. 1992 | R. Shamosh, et al | 340 | 540 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | C | 5,438,517 | Aug. 1995 | J. W. Sennott, et al | 701 | 213 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | D | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | E | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | F | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
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| <input type="checkbox"/> | J | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | K | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | L | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | M | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

FOREIGN PATENT DOCUMENTS

| * | | DOCUMENT NO. | DATE | COUNTRY | NAME | CLASS | SUBCLASS | DOCUMENT SOURCE ** | |
|--------------------------|---|--------------|------|---------|------|-------|----------|--------------------------|--------------------------|
| | | | | | | | | APS | OTHER |
| <input type="checkbox"/> | N | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
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| <input type="checkbox"/> | P | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | Q | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | R | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | S | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | T | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

NON-PATENT DOCUMENTS

| * | | DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages) | DOCUMENT SOURCE ** | |
|--------------------------|---|--|--------------------------|--------------------------|
| | | | APS | OTHER |
| <input type="checkbox"/> | U | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | V | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | W | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | | <input type="checkbox"/> | <input type="checkbox"/> |

*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

**APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

| | | | |
|--------------------------|--------------------------------------|--|--|
| Interview Summary | Application No. 09/551,365 | Applicant(s) JOAO, RAYMOND ANTHONY | |
| | Examiner Van T Trieu | Art Unit 2632 | |

All participants (applicant, applicant's representative, PTO personnel):

- (1) Van T Trieu. (3) _____
(2) Mr Raymond Joao, Registration No. 35,907. (4) _____

Date of Interview: 11 February 2002 .

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description:

Claim(s) discussed: 122 .

Identification of prior art discussed: None .

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr Joao authorizes for an Examiner's Amendment to correct claim 122, line 4, after the phrase "trailer," inserts --- a motorcycle, --- .

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

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| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | RJ315 |
| Sheet | 1 of 1 | | |

| U.S. PATENT DOCUMENTS | | | | | |
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| Examiner Initials ¹ | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| <i>N</i> | | US-6,102,487 | 08-15-2000 | OVREBO | no attached. vreb. o attached. |
| <i>N</i> | | US-5,757,640 | 05-26-1998 | MONSON | |
| <i>N</i> | | US-6,141,620 | 10-31-2000 | ZYBURT, ET AL. | |
| <i>N</i> | | US-5,821,718 | 10-13-1998 | SHAFFER, ET AL. | |
| <i>N</i> | | US-5,602,450 | 02-11-1997 | COWAN, ET AL. | |
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| Examiner Signature | <i>Van Trieu</i> | Date Considered | <i>2/8/02</i> |
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| | Application Number | 09/551,365 |
| | Filing Date | APRIL 17, 2000 |
| | First Named Inventor | RAYMOND A. JOAO |
| | Group Art Unit | 2632 |
| | Examiner Name | V. TRIEU |
| | Attorney Docket Number | RJ315 |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
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| | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| | | Attorney Docket Number | |
| Sheet | 1 | of | 1 |

| U.S. PATENT DOCUMENTS | | | | | |
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| Examiner Initials ¹ | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| Attorney Docket Number | RJ315 | | |
| Sheet | 1 of 1 | | |

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| | | Number | Kind Code ¹ (if known) | | | |
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| <i>✓</i> | | US-6,141,620 | | 10-31-2000 | ZYBURT, ET AL. | |
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| | | Application Number | 09/551,365 |
| | | Filing Date | APRIL 17, 2000 |
| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
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| Examiner Signature | <i>Van Trieu</i> | Date Considered | <i>2/8/02</i> |
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| | | First Named Inventor | RAYMOND A. JOAO |
| | | Art Unit | 2632 |
| | | Examiner Name | V. TRIEU |
| Sheet | 2 of 2 | Attorney Docket Number | RJ315 |

| U.S. PATENT DOCUMENTS | | | | | | |
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| Examiner Initials ⁷ | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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Raymond A. Joao
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APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632

Assistant Commissioner For Patents
Washington, D.C. 20231

FOURTH PRELIMINARY AMENDMENT

Sir:

This is a Fourth Preliminary Amendment in the above-identified application. Entry of this Fourth Preliminary Amendment, before any Official Action is taken in this

02/01/2002 BALEXAND 00000002 09551365

01 FC:203

case, is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claims 48[✓]-58, 60[✓]-61, 69[✓]-80, 93-103, 105[✓]-106, 109[✓]-111, and 113[✓]-114, without prejudice, and please add the following new Claims 121-323 as follows:

¹⁴121. The apparatus of Claim ¹³115, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a hood locking system, a mechanical hood locking system, an anti-theft system, a vehicle recovery system or device, a homing device or system, a tracking device or system, video recording equipment, photographing equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a two-way radio, a radio, a television, an entertainment device, a navigational device, navigational equipment, fire

extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a refrigerator, a stove, an air conditioner, an oven, a microwave oven, a lighting system, an electrical or electronically controlled dead bolt locking device for use on at least one of a door, a window, a hood, and a trunk, a wheel locking device or mechanism, a brake locking device or mechanism, hydraulic equipment, pneumatic equipment, a winch, a loading mechanism, and unloading mechanism, a cutting mechanism, a bailing mechanism, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a window which turns opaque or darker depending upon interior lighting, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, an engine temperature level, and a vehicle operation.

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122. The apparatus of Claim ⁷⁴121, wherein the

vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a ^{a motorcycle,} commercial vehicle, a military vehicle, and an unmanned

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vehicle.

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~~76~~₁₂₅. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a vehicle ignition system and a vehicle fuel pump system.

⁷³
~~77~~₁₂₄. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a video recording device and a camera.

⁷⁷
~~78~~₁₂₅. The apparatus of Claim ~~124~~⁷⁷, wherein the at least one of a video recording device and a camera is located at least one of on the interior of the vehicle and on the exterior of the vehicle.

⁷⁷
~~79~~₁₂₆. The apparatus of Claim ~~124~~⁷⁷, wherein the at least one of a video recording device and a camera is at least one of pivotable, moveable, and moveable along at least one of a track and a guiding device.

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~~127~~. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a video recording device and a camera, and further wherein video information obtained with the at least one of a video recording device and a camera is provided to the third control device and observed via the third control device, and further wherein the video information obtained from the at least one of a video recording device and a camera is at least one of live video information and stored video information.

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~~128~~. The apparatus of claim ~~124~~⁷⁷, wherein the at least one of a video recording device and a camera further comprises:

a storage medium for storing at least one of video and a picture.

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~~129~~. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of an audio

recording device, a microphone, and a tape recorder, and further wherein audio information obtained with the at least one of an audio recording device, a microphone, and a tape recorder, is provided to the third control device and heard via the third control device, and further wherein the audio information is at least one of live audio information and stored audio information.

⁸³
~~130~~. The apparatus of claim ~~125~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of an audio recording device, a microphone, and a tape recorder.

51 ⁸⁴
~~131~~. The apparatus of Claim ~~130~~⁸³, wherein the at least one of an audio recording device, a microphone, and a tape recorder, is located at least one of on the interior of the vehicle and on the exterior of the vehicle.

⁸⁵
~~132~~. The apparatus of Claim ~~130~~⁸³, wherein the at least one of an audio recording device, a microphone, and a tape recorder, is at least one of pivotable, moveable, and moveable along at least one of a track and a guiding device.

87~~133~~³. The apparatus of Claim ~~47~~³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a video recording device and a camera, and further wherein video information obtained with the at least one of a video recording device and a camera is provided to the third control device and observed via the third control device.

86~~134~~⁸³. The apparatus of claim ~~130~~⁸³, wherein the at least one of an audio recording device, a microphone, and a tape recorder, further comprises:

a storage medium for storing recorded audio.

4~~135~~³. The apparatus of Claim ~~47~~³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of an audio recording device, a microphone, and a tape recorder, and further wherein audio information obtained with the at least one of an audio recording device, a microphone, and a

tape recorder, is provided to the third control device and heard via the third control device.

88 ~~136~~. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a video conferencing device and video conferencing equipment for providing video conferencing with an individual at least one of inside the vehicle, outside the vehicle, and in the vicinity of the vehicle.

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89 ~~137~~. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

90 ~~138~~. The apparatus of Claim ~~137~~⁸⁹, wherein the fuel cell is at least one of a hydrogen fuel cell, a zinc fuel cell, an alkaline fuel cell, a phosphoric acid fuel cell, a proton exchange membrane fuel cell, a methanol fuel cell, a

direct methanol fuel cell, a natural gas fuel cell, a molten carbonate fuel cell, and a solid oxide fuel cell.

91 ~~139~~. The apparatus of Claim ~~115~~⁷³, wherein the first control device controls an operation of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

51 92 ~~140~~. The apparatus of Claim ~~115~~⁷³, wherein the first control device monitors an operation of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

93 ~~141~~. The apparatus of Claim ~~115~~⁷³, wherein the first control device determines an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

94 ~~142~~. The apparatus of Claim ~~115~~⁷³, wherein the apparatus is utilized on or over at least one of the Internet and the World Wide Web.

⁹⁵
~~143~~. The apparatus of Claim ~~142~~⁹⁴, wherein at least one of the second signal and the third signal is transmitted utilizing TCP/IP protocol.

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~~96~~⁹⁶ ~~144~~. The apparatus of Claim ~~145~~, further comprising:

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at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a device and a component, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the first control device.

⁹⁶
~~97~~⁹⁶ ~~145~~. The apparatus of Claim ~~144~~, wherein the first control device generates a fifth signal and transmits the fifth signal to the second control device, and further wherein the second control device generates a sixth signal and transmits the sixth signal to the third control device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair of the at least one of a device and a component.

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~~146~~. The apparatus of Claim ~~115~~, wherein the third control device is at least one of a stationary device, a hand-held device, a mobile device, a telephone, a digital telephone, a cordless telephone, a cellular telephone, a wireless telephone, a computer, a personal computer, a personal digital assistant, a television, an interactive television, a digital television, a personal communications device, a personal communications services device, a display telephone, a video telephone, a watch, a beeper, and a pager.

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~~147~~. The apparatus of Claim ~~115~~, wherein the first control device transmits a first diagnostic signal to the second control device, and further wherein the second control device transmits a second diagnostic signal to the third control device in response to the first diagnostic signal, and further wherein the third control device generates a third diagnostic signal in response to the second diagnostic signal, wherein the third diagnostic signal contains diagnostic data or information regarding the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

¹⁰⁰
~~148~~. The apparatus of Claim ⁷³~~115~~, wherein the third control device transmits a repair signal to the second control device, and further wherein the second control device transmits the repair signal to the first control device, and further wherein the first control device effects a repair of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, by utilizing information contained in the repair signal.

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¹⁰¹
~~149~~. The apparatus of Claim ⁷³~~115~~, wherein the apparatus provides at least one of a video confirmation and an audio confirmation that at least one of a control operation, a monitoring operation, and a security operation, has been effected.

¹⁰²
~~150~~. The apparatus of Claim ⁷³~~115~~, wherein at least one of an activation, a de-activation, an enabling, a disabling, and a change or occurrence involving a status or an operational state of, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is reported to the second control device.

¹⁰³
~~151~~. The apparatus of Claim ⁷³~~115~~, wherein the apparatus is programmed for at least one of automatic activation, self-activation, automatic operation, and self-operation.

¹⁰⁴
~~152~~. The apparatus of Claim ¹⁰³~~151~~, wherein the apparatus utilizes at least one of an intelligent agent, a software agent, and a mobile agent.

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¹⁰⁵
~~153~~. The apparatus of Claim ⁷³~~115~~, wherein the third control device controls at least one of a movement, a propulsion, and a direction of travel, of the vehicle via the second control device and the first control device.

¹⁰⁶
~~154~~. The apparatus of Claim ⁷³~~115~~, wherein the third control device controls at least one of a movement, a propulsion, a direction of travel, and an operation, of the vehicle via the second control device and the first control device on or over at least one of the Internet and the World Wide Web.

¹⁰⁷
~~155~~. The apparatus of Claim ⁷³~~115~~, wherein the first control device disables or re-enables the vehicle.

¹⁰⁸
~~156~~. The apparatus of Claim ¹³~~115~~, further

comprising:

a positioning device, wherein the positioning device determines a position or location of the vehicle, and further wherein the positioning device further comprises:

a global positioning device; and

51 a database containing at least one of digital map data and digitized map data,

wherein the positioning device is activated by the first control device, and further wherein the positioning device determines the position or location of the vehicle in conjunction with the at least one of digital map data and digitized map data.

¹⁰⁹
~~157~~. The apparatus of Claim ¹⁰⁸~~156~~, wherein the positioning device comprises:

a plurality of global positioning devices,

wherein the positioning device determines a change in distance between any two or more of the plurality of global positioning devices.

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¹¹⁰
~~158~~. The apparatus of claim ⁷³~~115~~, wherein the third control device at least one of activates, de-activates, disables, re-enables, controls an operation of, and monitors an operation of, the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, via the second control device and the first control device on or over at least one of the Internet and the World Wide Web.

¹¹¹
~~159~~. The apparatus of Claim ⁷³~~115~~, further comprising:

an interface device, wherein the interface device provides an interface between the first control device and the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

¹¹²
~~160~~. The apparatus of Claim ⁷³~~115~~, wherein the

first signal is transmitted from the first control device to the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, via at least one of a wireless device, wireless communication equipment, wireless equipment, and a wireless link.

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¹¹³
~~161~~. The apparatus of Claim ⁷³~~113~~, wherein the apparatus provides at least one of an immediate control of and a deferred control of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

¹¹⁴
~~162~~. The apparatus of Claim ⁷³~~113~~, further comprising:

a voice synthesizer for providing voice information regarding at least one of apparatus status, vehicle operation status, and status of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, wherein the voice synthesizer is connected to the first control device.

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~~163~~. The apparatus of claim ~~115~~, wherein the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, is a wireless at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~164~~. The apparatus of Claim ~~115~~, wherein the apparatus provides information regarding at least one of apparatus status, vehicle operation status, and status of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

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~~165~~. The apparatus of Claim ~~115~~, wherein the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, is a system for detecting a failure in the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, wherein

the detecting system provides information regarding the failure.

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¹¹⁸
~~166~~. The apparatus of Claim ⁷³~~115~~, wherein the apparatus is programmed to become activated or de-activated automatically upon an occurrence or lack of an occurrence of a pre-defined event, wherein the pre-defined event is at least one of a theft of the vehicle and a malfunction, and further wherein the apparatus is programmed to transmit a message containing information regarding the at least one of a theft of the vehicle and a malfunction to a communication device associated with the vehicle at least one of user, operator, owner, occupant, and authorized individual, and further wherein the message is at least one of a pager message, a facsimile message, a voice message, a voice mail message, an electronic message, and an answering service message.

¹¹⁹
~~167~~. The apparatus of Claim ⁷³~~115~~, wherein the apparatus performs a systematic check of at least one of a status and a state of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, and further wherein the apparatus provides information relating

to the at least one of a status and a state of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

¹²⁰
~~168~~. The apparatus of Claim ⁷³~~115~~, further comprising:

51 a monitoring device for detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator, and further wherein the apparatus provides information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

¹²⁴
~~169~~. The apparatus of Claim ⁷³~~115~~, wherein the apparatus defers at least one of a control function, a monitoring function, and a security function, until after an operation of at least one of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, is completed.

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~~170~~. The apparatus of claim ~~115~~⁷³, wherein said first control device detects at least one of a vehicle use, an unauthorized use of the vehicle, and a theft of the vehicle.

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~~171~~. The apparatus of Claim ~~115~~⁷³, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of battery monitoring equipment, an air bag deployment device, an air bag deployment detection device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a radar system, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring vehicle movement or motion, a vehicle operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a vehicle fuel supply, a water or coolant

supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine temperature level, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~172~~. The apparatus of Claim ¹²³~~171~~, wherein the

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vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, and an unmanned vehicle.

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~~173~~. The apparatus of Claim ¹²³~~171~~, wherein the

vehicle is at least one of construction equipment, a moveable industrial structure, a work platform, mining equipment, drilling equipment, a drilling platform, farm equipment, and a motor or mobile home.

¹²⁶
~~174~~. The apparatus of Claim ⁷³~~115~~, wherein the at least one of a vehicle system, a vehicle equipment system,

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a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system, an electronic or electrical dead-bolt locking device, an engine compartment locking device, an electrical or mechanical locking device, an anti-theft system, a recovery system or device, a homing system, a tracking system, a two-way radio, a radio, a navigational device, navigational equipment, fire extinguishing equipment, a pumping device for pumping water, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a refrigerator, a stove, an air conditioner, an oven, a microwave oven, a lighting system, a television, an entertainment device, video recording equipment, photographing equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a window which turns opaque or darker depending upon interior lighting, hydraulic equipment, pneumatic equipment, a winch, and a monitoring device for

at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, an engine or motor temperature level, a marine control system, and a boat operation.

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~~175~~. The apparatus of Claim ~~174~~, wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, an unmanned boat, and a submarine.

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~~176~~. The apparatus of Claim ~~175~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, a boat rudder, a rudder control or monitoring device, a depth sounding device, a depth sounding control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a sonar system, at least

one of a loading mechanism and an unloading mechanism, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an air bag deployment device, an air bag deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat data recorder, a boat operation data recorder, a boat command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring boat movement or motion, a boat operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one a status and a condition of at least one of a boat fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine or motor temperature level, a marine control system, boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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¹²⁹
~~177~~. The apparatus of Claim ¹²⁸~~176~~, wherein the

vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, an unmanned boat, and a submarine.

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~~178~~. The apparatus of claim ⁷³~~115~~, wherein the at

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least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a mechanical locking system, an anti-theft system, a recovery system or device, a homing system, a tracking system, a two-way radio, a radio, a television, an entertainment device, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a refrigerator, a stove, an air conditioner, an oven, a microwave oven, a lighting system, video recording equipment, photographing

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equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a window which turns opaque or darker depending upon interior lighting, hydraulic equipment, pneumatic equipment, a winch, and a monitoring device for at least one of reading and monitoring at least one of a fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, an engine or motor temperature level, an airplane flight control system, and an airplane operation.

¹³¹
~~179~~. The apparatus of Claim ¹³⁰~~178~~, wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, a spacecraft, a space shuttle, a satellite, an unmanned aircraft, a commercial aircraft, and a military aircraft.

¹³²
~~180~~. The apparatus of claim ¹³~~115~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment,

and a vehicle appliance, is at least one of battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, an airplane aileron control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an air bag deployment device, an air bag deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, airplane command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring an airplane

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system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, and airplane movement or motion, at least one of a loading mechanism and an unloading mechanism, an airplane operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one of an airplane fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine or motor temperature level, an airplane flight control system, an airplane operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~181~~. The apparatus of Claim ~~180~~¹³², wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, a spacecraft, a space shuttle, a satellite, an unmanned aircraft, a commercial aircraft, and a military aircraft.

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~~182~~. The apparatus of claim ~~115~~⁷³, wherein the at

least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a snowmobile track locking device, an anti-theft system, a snowmobile recovery system or device, a homing system, a tracking system, video recording equipment, a video recording device, a camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, intercom equipment, a window which turns opaque or darker depending upon interior lighting, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a wheel or brake locking device or mechanism, hydraulic equipment, pneumatic equipment, a winch, and a monitoring device for at least one of reading and monitoring at least one of a snowmobile fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, an engine or motor temperature level, a snowmobile control system, and snowmobile operation.

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183. The apparatus of Claim ~~182~~, wherein the vehicle

is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, a moped, and an unmanned vehicle.

51 ¹³⁶~~184~~. The apparatus of claim ⁷³~~115~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a refrigerator, a stove, an air conditioner, an oven, a microwave oven, lighting systems, a dead bolt locking device for use on at least one of a door, a window, a hood, and a trunk, a snowmobile command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for

controlling or monitoring snowmobile movement or motion, and a snowmobile operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one of a snowmobile fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine or motor temperature level, a snowmobile control system, snowmobile operation, and operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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¹³⁷
~~135~~. The apparatus of Claim ¹³⁶~~134~~, wherein the vehicle is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, a moped, and an unmanned vehicle.

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~~136~~. The apparatus of Claim ¹⁴⁰~~116~~, wherein the first control device is at least one of a server computer, a computer, a network computer, and a central processing computer.

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~~187~~

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The apparatus of Claim ~~186~~, wherein the first control device provides at least one of a central office control of and a central office monitoring of the vehicle.

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The method of Claim ~~119~~, further comprising:

obtaining at least one of video information at the vehicle and audio information at the vehicle.

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The method of Claim ~~119~~, further comprising:

partaking in a video conference with an individual at least one of inside the vehicle, outside the vehicle, and in the vicinity of the vehicle.

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The method of Claim ~~119~~, further comprising:

at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~191~~. The method of Claim ~~119~~, further comprising:

detecting at least one of a wear and a state of disrepair of at least one of a device and a component;

generating a fourth signal containing information regarding the at least one of a wear and a state of disrepair; and

transmitting the fourth signal to the third control device;

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generating a fifth signal with the third control device; and

transmitting the fifth signal to the second control device;

generating a sixth signal with the second control device; and

transmitting the sixth signal to the first control device, wherein the sixth signal contains information

regarding the at least one of a wear and a state of disrepair.

⁶¹
~~192~~. The method of Claim ⁸~~119~~, further comprising:

transmitting a first diagnostic signal from the third control device to the second control device;

transmitting a second diagnostic signal from the second control device to the first control device, wherein the second diagnostic signal is transmitted in response to the first diagnostic signal; and

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generating a third diagnostic signal at the first control device, wherein the third diagnostic signal contains diagnostic data or information regarding the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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~~193~~. The method of Claim ⁸~~119~~, further comprising:

transmitting a repair signal from the first control device to the second control device;

transmitting the repair signal from the second control device to the first control device; and

effecting a repair of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, with the third control device by reprogramming the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, by utilizing information contained in the repair signal.

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~~194~~. The method of Claim ~~119~~, further comprising:

controlling at least one of a movement, a propulsion, and a direction of travel, of the vehicle with the first control device via the second control device and the third control device.

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~~195~~. The method of Claim ~~119~~, further comprising:

disabling or re-enabling the vehicle.

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196. The method of Claim ~~119~~⁸₂₀₅, further comprising:

providing information regarding at least one of apparatus status, vehicle operation status, and status of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

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197. The method of Claim ~~119~~⁸₂₀₅, further comprising:

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detecting a failure in the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance; and

providing information regarding the failure.

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198. The method of Claim ~~119~~⁸₂₀₅, further comprising:

performing a systematic check of at least one of a status and a state of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance; and

providing information relating to the at least one of a status and a state of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

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~~199~~. The method of Claim ~~119~~, further comprising:

detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator, of the vehicle; and

51 providing information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

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~~200~~. The method of Claim ~~119~~, further comprising:

detecting at least one of a vehicle use, an unauthorized use of the vehicle, and a theft of the vehicle.

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~~201~~. The method of Claim ~~119~~, further comprising:

at least one of reading and monitoring at least one of a status and a condition of at least one of a vehicle fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine temperature level, a vehicle operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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The apparatus of Claim 47, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power door lock system, a hood locking system, a mechanical hood locking system, video recording equipment, photographing equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a

two-way radio, a radio, a television, an entertainment device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a refrigerator, a stove, an air conditioner, an oven, a microwave oven, a lighting system, an electrical or electronically controlled dead-bolt locking device for use on at least one of a door, a window, a hood, and a trunk, a wheel locking device or mechanism, a brake locking device or mechanism, hydraulic equipment, pneumatic equipment, a winch, a loading mechanism, an unloading mechanism, a cutting mechanism, a bailing mechanism, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a window which turns opaque or darker depending upon interior lighting, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, an engine temperature level, and a vehicle operation.

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~~203~~. The apparatus of Claim ³~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment,

and a vehicle appliance, is at least one of a video recording device and a camera.

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~~204~~. The apparatus of Claim ³~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of an audio recording device, a microphone, and a tape recorder.

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~~205~~. The apparatus of Claim ³~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is a video conferencing device or video conferencing equipment.

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~~206~~. The apparatus of Claim ³~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a video recording device, a camera, an audio recording device, a microphone, and a tape recorder, wherein the at least one of a video recording device, a camera, an audio recording device, a microphone, and a tape recorder, is at least one

of pivotable, moveable, and moveable along at least one of a track and a guiding device.

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~~207~~. The apparatus of Claim ³~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is a fuel cell.

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~~208~~. The apparatus of Claim ³~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

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~~209~~. The apparatus of Claim ³~~47~~, wherein the first control device at least one of controls an operation of, monitors an operation of, and determines and operating status of, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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210. The apparatus of Claim ³41, wherein the apparatus is utilized on or over at least one of the Internet and the World Wide Web, and further wherein at least one of the second signal and the third signal is transmitted utilizing TCP/IP protocol.

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211. The apparatus of Claim ³41, further comprising:

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at least one of a device and a component which detects at least one of a wear and a state of disrepair of the at least one of a device and a component, and further wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the first control device,

wherein the first control device generates a fifth signal and transmits the fifth signal to the second control device, and further wherein the second control device generates a sixth signal and transmits the sixth signal to the third control device, wherein the sixth signal contains information regarding the at least one of a wear and a

state of disrepair of the at least one of a device and a component.

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~~212~~. The apparatus of Claim ³~~47~~, wherein the first control device transmits a first diagnostic signal to the second control device, and further wherein the second control device transmits a second diagnostic signal to the third control device in response to the first diagnostic signal, and further wherein the third control device generates a third diagnostic signal in response to the second diagnostic signal, wherein the third diagnostic signal contains diagnostic data or information regarding the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance,

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wherein the third control device transmits a repair signal to the second control device, and further wherein the second control device transmits the repair signal to the first control device, and further wherein the first control device effects a repair of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, by reprogramming the at least one of a vehicle

system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, by utilizing information contained in the repair signal.

¹⁶
~~213~~. The apparatus of Claim ³~~47~~, wherein the third control device controls at least one of a movement, a propulsion, and a direction of travel, of the vehicle with the third control device via the second control device and the first control device.

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~~214~~. The apparatus of claim ³~~47~~, wherein the third control device at least one of activates, de-activates, disables, re-enables, controls an operation of, and monitors an operation of, the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, via the second control device and the first control device on or over at least one of the Internet and the World Wide Web.

¹⁸
~~215~~. The apparatus of Claim ³~~47~~, further comprising:

an interface device, wherein the interface device

provides an interface between the first control device and the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

51 ¹⁹~~216~~. The apparatus of Claim ³~~47~~, wherein the first signal is transmitted from the first control device to the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, via at least one of a wireless device, wireless communication equipment, wireless equipment, and a wireless link, and further wherein the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, is a wireless at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance.

²⁰~~217~~. The apparatus of Claim ³~~47~~, wherein the apparatus provides at least one of an immediate control of and a deferred control of the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle

appliance.

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218. The apparatus of Claim ~~17~~, wherein the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, is at least one of a system for detecting a failure in the at least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, wherein the detecting system provides information regarding the failure, and a monitoring device for detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator, wherein the apparatus provides information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

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219. The apparatus of claim ~~17~~, wherein the first control device detects at least one of a vehicle use, an unauthorized use of the vehicle, and a theft of the vehicle.

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~~220~~. The apparatus of Claim ~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of battery monitoring equipment, an air bag deployment device, an air bag deployment detection device, a vehicle dashboard display device, a gyroscope, a vehicle data recorder, a navigation control or monitoring system, an automatic pilot, a radar system, a vehicle voice recorder, a vehicle voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, a vehicle control console display device, a vehicle command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring vehicle movement or motion, a vehicle operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a vehicle fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine temperature level, a vehicle operation, and an operating

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status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, and further wherein the vehicle is at least one of a motor vehicle, an automobile, a truck, a bus, a school bus, a train, a subway train, a mass transportation vehicle, a tractor trailer, a commercial vehicle, a military vehicle, an unmanned vehicle, construction equipment, a mobile structure, a moveable industrial structure, a work platform, mining equipment, drilling equipment, a drilling platform, farm equipment, a recreational vehicle, a motor or mobile home, and a motorcycle.

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~~221~~. The apparatus of Claim ~~47~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a pumping device for pumping water, a sonar device, sonar equipment, a lighting system, video recording equipment, photographing equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video

51 conferencing device or equipment, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a window which turns opaque or darker depending upon interior lighting, hydraulic equipment, pneumatic equipment, a winch, battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, a boat rudder, a rudder control or monitoring device, a depth sounding device, a depth sounding control or monitoring device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a sonar system, a loading or unloading mechanism, a boat data recorder, a boat data recorder control or monitoring device, a boat cockpit voice recorder, a boat cockpit voice recorder control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an air bag deployment device, an air bag deployment detection device, a boat dashboard or control console display device, a gyroscope, a gyrocompass, a boat operation data recorder, a boat command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring boat movement or motion, a boat operation data monitoring device, and a monitoring device

for at least one of reading and monitoring at least one of a status and a condition of at least one of a boat fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine or motor temperature level, a marine control system, boat operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, and further wherein the vehicle is at least one of a boat, a marine vessel, a marine vehicle, a motor boat, a sailboat, a ship, a cruise ship, a commercial boat, a military boat, an unmanned boat, and a submarine.

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222. The apparatus of claim ~~41~~, wherein the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power door or hatch locking system or device, a locking system, a mechanical locking system, landing gear, an interior pressurization system, a cabin pressurization

control or monitoring system or device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a sonar device, sonar equipment, a lighting system, video recording equipment, photographing equipment, a video recording device, a camera, a still picture camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a window which turns opaque or darker depending upon interior lighting, hydraulic equipment, pneumatic equipment, a winch, battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, an airplane aileron control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a radar system, a flight data recorder, a flight

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data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an air bag deployment device, an air bag deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, airplane command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring an airplane system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, and airplane movement or motion, a loading or unloading mechanism, an airplane operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one of an airplane fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine or motor temperature level, an airplane flight control system, an airplane operation, and an operating status of the at least one of a vehicle

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system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, and further wherein the vehicle is at least one of an aircraft, an airplane, a jet, a helicopter, a glider, a spacecraft, a space shuttle, a satellite, an unmanned aircraft, a commercial aircraft, and a military aircraft.

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~~223~~. The apparatus of claim ~~41~~, wherein the at

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least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a siren, an alarm, a horn, a light system, head lights, tail lights, flashers, a power locking system or device, a steering mechanism locking device, a locking device, a snowmobile track locking device, video recording equipment, a video recording device, a camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, intercom equipment, a window which turns opaque or darker depending upon interior lighting, a gun, a weapon system, a self-defense system, an electronic warfare system, a battery, a fuel cell, a wheel or brake locking device or mechanism, hydraulic equipment, pneumatic equipment, a winch, a battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product

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measuring device, a fuel cell output measuring device, an air bag deployment device, an air bag deployment detection device, a dashboard display device, a gyroscope, a gyrocompass, a data recorder, an operation data recorder, a navigation system, a navigation control or monitoring system, an automatic pilot, a voice recorder, a voice recorder control or monitoring device, a control console display device, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a refrigerator, a stove, an air conditioner, an oven, a microwave oven, lighting systems, a dead-bolt locking device for use on at least one of a door, a window, a hood, and a trunk, a snowmobile command computer, a wear or usage indicator, a wear or usage detection device, an automatic control device for controlling or monitoring snowmobile movement or motion, and a snowmobile operation data monitoring device, and a monitoring device for at least one of reading and monitoring at least one of a snowmobile fuel supply, a water or coolant supply, an electrical generator or alternator operation, a battery charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, an engine or motor temperature level, a snowmobile control system, snowmobile

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operation, and an operating status of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, and further wherein the vehicle is at least one of a snowmobile, a jetski, a scooter, a motorcycle, a minibike, a go-cart, a moped, and an unmanned vehicle.

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224. The apparatus of Claim ~~62~~²⁷, wherein the first control device is at least one of a server computer, a computer, a network computer, and a central processing computer, and further wherein the first control device provides at least one of a central office control of and a central office monitoring of the vehicle on or over at least one of the Internet and the World Wide Web.

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225. The apparatus of Claim ~~117~~¹⁴³, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a video recording device and a camera, and further wherein video information obtained with the at least one of a video recording device and a camera is provided to the third control device and observed via the third control device,

and further wherein the video information is at least one of live video information and stored video information.

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~~226~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an audio recording device, a microphone, and a tape recorder, and further wherein audio information obtained with the at least one of an audio recording device, a microphone, and a tape recorder, is provided to the third control device and heard via the third control device.

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~~227~~. The apparatus of Claim ³¹~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a video recording device and a camera, and further wherein video information obtained with the at least one of a video recording device and a camera is provided to the third control device and observed via the third control device, and further wherein the video information is at least one of live video information and stored video information.

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~~228~~. The apparatus of Claim ~~91~~, wherein the at

least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an audio recording device, a microphone, and a tape recorder, and further wherein audio information obtained with the at least one of a audio recording device, a microphone, and a tape recorder, is provided to the third control device and heard via the third control device.

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~~229~~. The apparatus of Claim ~~115~~, wherein the at

least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is a fuel cell.

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~~230~~. The apparatus of Claim ~~117~~, wherein the at

least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a video recording device and a camera.

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~~231~~. The apparatus of Claim ~~230~~, wherein the at

least one of a video recording device and a camera is

located at least one of on the interior of the premises and on the exterior of the premises.

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~~232~~. The apparatus of Claim ¹⁴⁶~~230~~, wherein the at least one of a video recording device and a camera is at least one of pivotable, moveable, and moveable along at least one of a track and a guiding device.

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~~233~~. The apparatus of Claim ³¹~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a fuel cell.

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~~234~~. The apparatus of claim ¹⁴⁶~~230~~, wherein the at least one of a video recording device and a camera further comprises:

a storage medium for storing video information.

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~~235~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a fuel cell.

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~~236~~. The apparatus of claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an audio recording device, a microphone, and a tape recorder.

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~~237~~. The apparatus of Claim ¹⁵¹~~236~~, wherein the at least one of an audio recording device, a microphone, and a tape recorder, is located at least one of on the interior of the premises and on the exterior of the premises.

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~~238~~. The apparatus of Claim ¹⁵¹~~236~~, wherein the at least one of an audio recording device, a microphone, and a tape recorder, is at least one of pivotable, moveable, and moveable along at least one of a track and a guiding device.

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~~239~~. The apparatus of Claim ⁷³~~115~~, wherein the third control device at least one of activates, de-activates, disables, re-enables, controls, and monitors, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, via the second control device and the first control device, and further wherein the at

least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, is at least one of a power door or hatch locking system or device, a locking system, a mechanical locking system, landing gear, an interior pressurization system, a cabin pressurization control or monitoring system or device, a navigational device, navigational equipment, fire extinguishing equipment, a radar device, radar equipment, emergency or distress signal equipment, a video recording device, a camera, an audio recording device, a microphone, a tape recorder, a video conferencing device or equipment, a gun, a weapon system, a self-defense system, an electronic warfare system, an airplane aileron control or monitoring device, a rudder control or monitoring device, an horizontal stabilizer control or monitoring device, a vertical stabilizer control or monitoring device, an altimeter, an emergency landing parachute control or monitoring device, an emergency parachute deployment control device, an emergency parachute deployment detection device, a navigation system, a navigation control or monitoring system, an automatic pilot, a flight data recorder, a flight data recorder control or monitoring device, a cockpit voice recorder, a cockpit voice recorder control or monitoring device, a wing

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flap control or monitoring device, an emergency oxygen control or monitoring device, an emergency oxygen deployment detection device, an airplane cockpit or control console display device, a gyroscope, a gyrocompass, an airplane data recorder, an airplane operation data recorder, an airplane command computer, an automatic control device for controlling or monitoring an airplane system or device for at least one of airplane take-off, flight, normal cruising, automatic pilot cruising, landing, and airplane movement or motion, an airplane operation data monitoring device, and a monitoring device for at least one of reading and monitoring an airplane fuel supply, an airplane flight control system, and an airplane operation.

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~~240~~. The apparatus of claim ¹⁵¹~~236~~, wherein the at least one of an audio recording device, a microphone, and a tape recorder, further comprises:

a storage medium for storing audio information.

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~~241~~. The apparatus of Claim ¹⁴³~~117~~, wherein the third control device at least one of activates, de-activates, disables, re-enables, controls, and monitors, the at least one of a premises system, a premises equipment

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system, a premises component, a premises device, a premises equipment, and a premises appliance, via the second control device and the first control device, and further wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a thermostat or environmental control system, an exterior lighting system, an interior lighting system, an electrical or electronically controlled locking device for at least one of a door and a window, an electrical or electronic dead-bolt locking system or device, an electrical or electronically controlled dead-bolt locking device for use on at least one of a door and a window, a system for controlling an electrical circuit or system at least one of room-by-room, device-by-device, and appliance-by-appliance, a device for at least one of controlling and monitoring at least one of a hot water heater, a garage door opener, a lawn sprinkler system, a power at least one of door and window at least one of closing, locking, and opening, equipment, fire extinguishing equipment, a VCR, a stove, a refrigerator, an oven, a microwave oven, an individual light or lamp, a light system, an air conditioner, a blender, a toaster, a personal computer, a stereo, a radio, a video recording device, a camera, an audio recording

device, a microphone, a tape recorder, a video conferencing device or equipment, a home or residential premises command computer, and a home appliance.

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~~242~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a video conferencing device and video conferencing equipment for providing video conferencing with an individual at least one of inside the premises, outside the premises, and in the vicinity of the premises.

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~~243~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

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~~244~~. The apparatus of Claim ¹⁵⁷~~243~~, wherein the fuel cell is at least one of a hydrogen fuel cell, a zinc fuel cell, an alkaline fuel cell, a phosphoric acid fuel cell, a

proton exchange membrane fuel cell, a methanol fuel cell, a direct methanol fuel cell, a natural gas fuel cell, a molten carbonate fuel cell, and a solid oxide fuel cell.

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~~245~~. The apparatus of Claim ¹⁴³~~117~~, wherein the first control device controls an operation of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁶⁰
~~246~~. The apparatus of Claim ¹⁴³~~117~~, wherein the first control device monitors an operation of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁶¹
~~247~~. The apparatus of Claim ¹⁴³~~117~~, wherein the first control device determines an operating status of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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~~248~~.

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~~117~~,

The apparatus of Claim ~~117~~, wherein the apparatus is utilized on or over at least one of the Internet and the World Wide Web.

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~~249~~.

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The apparatus of Claim ~~248~~, wherein at least one of the second signal and the third signal is transmitted utilizing TCP/IP protocol.

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~~250~~.

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~~117~~,

The apparatus of Claim ~~117~~, further comprising:

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at least one of a device and a component which detects at least one of a wear and a state of disrepair of the at least one of a device and a component, and further wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the first control device.

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~~251~~.

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~~250~~,

The apparatus of Claim ~~250~~, wherein the first control device generates a fifth signal and transmits the fifth signal to the second control device, and further

wherein the second control device generates a sixth signal and transmits the sixth signal to the third control device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

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¹⁶⁶
~~252~~. The apparatus of Claim ¹⁴³~~111~~, wherein the third control device is at least one of a stationary device, a hand-held device, a mobile device, a telephone, a digital telephone, a cordless telephone, a cellular telephone, a wireless telephone, a computer, a personal computer, a personal digital assistant, a television, an interactive television, a digital television, a personal communications device, a personal communications services device, a display telephone, a video telephone, a watch, a beeper, and a pager.

¹⁶⁷
~~253~~. The apparatus of Claim ¹⁴³~~111~~, wherein the first control device transmits a first diagnostic signal to the second control device, and further wherein the second control device transmits a second diagnostic signal to the third control device in response to the first diagnostic signal, and further wherein the third control device generates a third diagnostic signal in response to the second diagnostic signal, wherein the third diagnostic signal contains

diagnostic data or information regarding the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁶⁸
254. The apparatus of Claim ¹⁴³~~117~~, wherein the third control device transmits a repair signal to the second control device, and further wherein the second control device transmits the repair signal to the first control device, and further wherein the first control device effects a repair of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, by utilizing information contained in the repair signal.

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¹⁶⁹
255. The apparatus of Claim ¹⁴³~~117~~, wherein the apparatus provides at least one of a video confirmation and an audio confirmation that at least one of a control operation and a monitoring operation has been effected.

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256. The apparatus of Claim ¹⁴³~~117~~, wherein at least one of an activation, a de-activation, an enabling, a disabling, and a change or occurrence involving a status or operational state of the at least one of a premises system, a premises

equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is reported to the second control device.

¹⁷¹
~~257~~. The apparatus of Claim ¹⁴³~~117~~, wherein the apparatus is programmed for at least one of automatic activation, self-activation, automatic operation, and self-operation.

¹⁷²
~~258~~. The apparatus of Claim ¹⁷¹~~257~~, wherein the apparatus utilizes at least one of an intelligent agent, a software agent, and a mobile agent.

51 ¹⁷³
~~259~~. The apparatus of Claim ¹⁴³~~117~~, wherein the first control device disables or re-enables the premises.

¹⁷⁴
~~260~~. The apparatus of Claim ¹⁴³~~117~~, wherein the premises is at least one of a mobile home, a mobile premises, and a mobile commercial premises, and wherein the apparatus further comprises:

a positioning device, wherein the positioning device determines a position or location of the premises, and further wherein the positioning device further

comprises:

a global positioning device; and

a database containing at least one of digital map data and digitized map data,

wherein the positioning device is activated by the first control device, and further wherein the positioning device determines the position or location of the premises in conjunction with the at least one of digital map data and digitized map data.

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~~261~~

¹⁴³
~~117~~

The apparatus of claim ~~117~~, wherein the third control device at least one of activates, de-activates, disables, re-enables, controls an operation of, and monitors an operation of, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, via the second control device and the first control device on or over at least one of the Internet and the World Wide Web.

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~~262~~

¹⁴³
~~117~~

The apparatus of Claim ~~117~~, further

comprising:

an interface device, wherein the interface device provides an interface between the first control device and the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁷⁷
~~263~~. The apparatus of Claim ¹⁴³~~117~~, wherein the first signal is transmitted from the first control device to the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, via at least one of a wireless device, wireless communication equipment, wireless equipment, and a wireless link.

¹⁷⁸
~~264~~. The apparatus of claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a wireless at least one of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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~~265~~

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The apparatus of Claim ~~117~~, wherein the apparatus provides at least one of an immediate control of and a deferred control of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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~~266~~

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The apparatus of Claim ~~117~~, further comprising:

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a voice synthesizer for providing voice information regarding at least one of apparatus status, premises operation status, and status of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the voice synthesizer is connected to the first control device.

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~~267~~

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The apparatus of Claim ~~117~~, wherein the apparatus provides information regarding at least one of apparatus status, premises operation status, and status of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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~~268~~

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The apparatus of Claim ~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a system for detecting a failure in the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the detecting system provides information regarding the failure.

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~~269~~

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The apparatus of Claim ~~117~~, wherein the apparatus is programmed to become activated or de-activated automatically upon an occurrence or lack of an occurrence of a pre-defined event, wherein the pre-defined event is at least one of a theft of the premises and a malfunction, and further wherein the apparatus is programmed to transmit a message containing information regarding the at least one of a theft of the premises and a malfunction to a communication device associated with the premises at least one of user, operator, owner, occupant, and authorized individual, and further wherein the message is at least one of a pager message, a facsimile message, a voice message, a

voice mail message, an electronic message, and an answering service message.

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¹⁸⁴
~~270~~. The apparatus of Claim ¹⁴³~~117~~, wherein the apparatus performs a systematic check of at least one of a status and a state of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, and further wherein the apparatus provides information relating to the at least one of a status and a state of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁸⁵
~~271~~. The apparatus of Claim ¹⁴³~~117~~, further comprising:

a monitoring device for detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator, and further wherein the apparatus provides information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

¹⁸⁶
~~272~~. The apparatus of Claim ¹⁴³~~117~~, wherein the apparatus defers at least one of a control function, a monitoring function, and a security function, until after an operation of at least one of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is completed.

¹⁸⁷
~~273~~. The apparatus of claim ¹⁴³~~117~~, wherein the first control device detects at least one of a premises use, an unauthorized use of the premises, and a theft of the premises.

51 ¹⁸⁸
~~274~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a central electrical system, a central heating system, a central air conditioning system, a water system, and a thermostat or environmental control system.

¹⁸⁹
~~275~~. The apparatus of Claim ¹⁴³~~117~~, wherein

the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an anti-theft or burglary alarm system, a siren, an alarm, an exterior lighting system, an interior lighting system, a window which turns opaque or darker depending upon interior lighting, an electrical or electronically controlled locking device for at least one of a door and a window, an electrical or electronic dead-bolt locking system or device, an electrical or electronically controlled dead-bolt locking device for use on at least one of a door and a window, a system for controlling an electrical circuit or system at least one of room-by-room, device-by-device, and appliance-by-appliance, a device for controlling a circuit controlled by at least one of a fuse and a circuit breaker, a device for at least one of controlling and monitoring at least one of a hot water heater, a garage door opener, a lawn sprinkler system, an electric fences or fencing, an in-ground or above-ground pool at least one of equipment, a filter, and a heater, a home central water valve, an individual room water valve, a home fire detector, and home fire extinguishment equipment, a power at least one of door and window at least one of closing, locking, and opening, equipment, fire extinguishing equipment, emergency or

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distress signal equipment, a television, a telephone, an entertainment device, a telephone answering machine, an alarm system, a VCR, a stove, a refrigerator, an oven, a microwave oven, a door bell, an individual light or lamp, a light system, an air conditioner, a blender, a toaster, a personal computer, a word processor, a stereo, a radio, video recording equipment, photographing equipment, a video recording device, a camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a battery, a fuel cell, battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, a home or residential premises command computer, a wear or usage indicator or detection device for monitoring wear or usage of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, a system for detecting a failure in the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, and for reporting such failure, an automatic control device for controlling or monitoring a home or residential premises at least one of a

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premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, hydraulic equipment, pneumatic equipment, a winch, at least one of a loading mechanism and an unloading mechanism, a cutting mechanism, and a bailing mechanism.

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~~278~~

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~~117~~

The apparatus of Claim ~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a home fuel supply, a water supply, an electrical generator or alternator operation, a water usage, a heat or air conditioning usage, an electricity usage, at least one of a gas usage, an oil usage, and a fuel usage, a battery charge level, an electrical system charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, at least one of telephone usage and charges, an appliance usage, a home control system, a home operation, and at least one of an operating status and condition of the at least one of a premises system, a

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premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁹³
~~277~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a home appliance and a household appliance.

¹⁹⁰
~~278~~. The apparatus of Claim ¹⁸⁹~~275~~, wherein the premises is at least one of a home, a residential premises, and a residential building.

51 ¹⁹²
~~279~~. The apparatus of Claim ¹⁹¹~~276~~, wherein the premises is at least one of a home, a residential premises, and a residential building.

¹⁹⁴
~~280~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a central electrical system, a central heating system, a central air conditioning system, a water system, and a thermostat system, and further wherein the premises is at

least one of a commercial premises, a commercial office,
and a commercial building.

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~~281.~~

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~~117,~~

The apparatus of Claim ~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an anti-theft or burglary alarm system, a siren or alarm, an exterior lighting system, an interior lighting system, a window which turns opaque or darker depending upon interior lighting, an electrical or electronically controlled locking device for at least one of a door and a window, an electrical or electronic dead-bolt locking device or system, an electrical or electronically controlled dead-bolt locking device for use on at least one of a door, a window, and an opening component, a system for controlling an electrical circuit at least one of room-by-room, device-by-device, and appliance-by-appliance, a device for controlling an electrical circuit controlled by at least one of a fuse and a circuit breaker, a device for at least one of controlling and monitoring at least one of a hot water heater, a garage door opener, a lawn sprinkler system, an electric fence or fencing, an in-ground or above-ground pool at least one of equipment, fountain

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equipment, a filter, and a heater, a fire detector, and fire extinguishment equipment, a power door or window at least one of closing, locking, and opening, equipment, television, a telephone, an entertainment device, a telephone answering machine, an alarm system, a VCR, a stove, an oven, a microwave oven, a refrigerator, an air conditioner, a door bell, an individual light or lamp, a lighting system, a blender, a toaster, a computer, a computer peripheral, a word processor, a stereo, a radio, a video recording device, a camera, a still picture camera, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a battery, a fuel cell, battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, fire extinguishing equipment, emergency or distress signal equipment, a system for detecting a failure in the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, a commercial premises command computer, a wear or usage indicator or detection device for monitoring at least one of wear or usage of the at least one of a premises system, a premises equipment system, a premises component, a

premises device, a premises equipment, and a premises appliance, and an automatic control device.

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¹⁹⁷
~~282~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a water supply, an electrical generator or alternator operation, a water usage, a heat or air conditioning usage, an electricity usage, at least one of gas usage, an oil usage, and a fuel usage, a battery charge level, a electrical system charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, at least one of a telephone usage and charges, at least one of premises equipment and appliance usage, a commercial office or premises control system, and status of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

¹⁹⁹
~~283~~. The apparatus of Claim ¹⁴³~~117~~, wherein the at

least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of hydraulic and pneumatic equipment, assembly equipment, drilling equipment, manufacturing equipment, mining equipment, construction equipment, excavation equipment, robotic equipment, a winch, at least one of a loading mechanism and an unloading mechanism, a cutting mechanism, and a bailing mechanism.

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²⁰⁰
~~284~~. The apparatus of Claim ¹⁹⁹~~283~~, wherein the premises is at least one of a commercial premises, a commercial building, a commercial office, an industrial facility, a commercial structure, an industrial structure, a manufacturing facility, a drilling platform, a drilling rig, an oil drilling platform, an off-shore drilling platform, an off-shore drilling rig, a mining platform, an assembly facility, an assembly line facility, a mass production facility, and a production facility.

²⁰¹
~~285~~. The apparatus of Claim ¹⁹⁹~~283~~, wherein the premises is at least one of a commercial premises, a commercial building, a commercial office, an industrial facility, a commercial structure, an industrial structure,

a manufacturing facility, a drilling platform, a drilling rig, an oil drilling platform, an off-shore drilling platform, an off-shore drilling rig, a mining platform, an assembly facility, an assembly line facility, a mass production facility, and a production facility.

¹⁹⁶
~~286~~. The apparatus of Claim ¹⁹⁵~~281~~, wherein the premises is at least one of a commercial premises, a commercial office, and a commercial building.

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~~287~~. The apparatus of Claim ¹⁹⁷~~282~~, wherein the premises is at least one of a commercial premises, a commercial office, and a commercial building.

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²⁰³
~~288~~. The apparatus of Claim ²⁰²~~288~~, wherein the first control device is at least one of a server computer, a computer, a network computer, and a central processing computer.

²⁰⁴
~~289~~. The apparatus of Claim ²⁰³~~288~~, wherein the first control device provides at least one of a central office control of and a central office monitoring of the premises.

²⁰⁷
~~290~~. The method of Claim ~~120~~²⁰⁶, further comprising:

obtaining at least one of video information at the premises and audio information at the premises.

²⁰⁸
~~291~~. The method of Claim ~~120~~²⁰⁶, further comprising:

partaking in a video conference with an individual at least one of inside the premises, outside the premises, and in the vicinity of the premises.

²⁰⁹
~~292~~. The method of Claim ~~120~~²⁰⁶, further comprising:

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at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

²¹⁰
~~293~~. The method of Claim ~~120~~²⁰⁶, further comprising:

detecting at least one of a wear and a state of disrepair of at least one of a device and a component;

generating a fourth signal containing information regarding the at least one of a wear and a state of disrepair of the at least one of a device and a component; and

transmitting the fourth signal to the third control device;

generating a fifth signal with the third control device;

51 transmitting the fifth signal to the second control device;

generating a sixth signal with the second control device; and

transmitting the sixth signal to the first control device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

²¹¹
~~294~~. The method of Claim ²¹⁶~~120~~, further comprising:

transmitting a first diagnostic signal from the third control device to the second control device;

transmitting a second diagnostic signal from the second control device to the first control device, wherein the second diagnostic signal is transmitted in response to the first diagnostic signal; and

generating a third diagnostic signal at the first control device, wherein the third diagnostic signal contains diagnostic data or information regarding the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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~~295~~. The method of Claim ~~120~~, further comprising:

transmitting a repair signal from the first control device to the second control device;

transmitting the repair signal from the second control device to the third control device; and

effecting a repair of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, with the third control device by utilizing information contained in the repair signal.

²¹³
~~296~~. The method of Claim ²⁰⁶~~120~~, further comprising:

disabling or re-enabling the premises.

²¹⁴
~~297~~. The method of Claim ²⁰⁶~~120~~, further comprising:

71 providing information regarding at least one of apparatus status, premises operation status, and status of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

²¹⁵
~~298~~. The method of Claim ²⁰⁶~~120~~, further comprising:

detecting a failure in the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance; and

providing information regarding the failure.

²¹⁶
~~299~~. The method of Claim ~~120~~²⁰⁶, further comprising:

performing a systematic check of at least one of a status and a state of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance; and

51 providing information relating to the at least one of a status and a state of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

²¹⁷
~~300~~. The method of Claim ~~120~~²⁰⁶, further comprising:

detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator; and

providing information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

²¹⁸
~~301~~. The method of Claim ²²⁶~~120~~, further comprising:

detecting at least one of a premises use, an unauthorized use of the premises, and a theft of the premises.

³⁵
~~302~~. The apparatus of Claim ³¹~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a video recording device, a camera, an audio recording device, a microphone, a tape recorder, and a video conferencing device or equipment.

³⁶
~~303~~. The apparatus of Claim ³¹~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a video recording device, a camera, an audio recording

device, a microphone, and a tape recorder, wherein the at least one of a video recording device, a camera, an audio recording device, a microphone, and a tape recorder, is at least one of pivotable, moveable, and moveable along at least one of a track and a guiding device.

³⁷
~~304~~. The apparatus of Claim ~~91~~³¹, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

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³⁸
~~305~~. The apparatus of Claim ~~91~~³¹, wherein the first control device at least one of controls an operation of, monitors an operation of, and determines and operating status of, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

³⁹
~~306~~. The apparatus of Claim ~~91~~³¹, wherein the apparatus is utilized on or over at least one of the Internet and the World Wide Web, and further wherein at least one of the

second signal and the third signal is transmitted utilizing TCP/IP protocol.

⁴⁰
~~307~~. The apparatus of Claim ³¹~~91~~, further comprising:

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at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a device and a component, and further wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the first control device,

and further wherein the first control device generates a fifth signal and transmits the fifth signal to the second control device, and further wherein the second control device generates a sixth signal and transmits the sixth signal to the third control device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

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308.

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The apparatus of Claim 31, wherein the first control device transmits a first diagnostic signal to the second control device, and further wherein the second control device transmits a second diagnostic signal to the third control device in response to the first diagnostic signal, and further wherein the third control device generates a third diagnostic signal in response to the second diagnostic signal, wherein the third diagnostic signal contains diagnostic data or information regarding the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance,

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wherein the third control device transmits a repair signal to the second control device, and further wherein the second control device transmits the repair signal to the first control device, and further wherein the first control device effects a repair of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, by reprogramming the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises

appliance, by utilizing information contained in the repair signal.

⁴²
~~308~~. The apparatus of claim ³¹~~91~~, wherein the third control device at least one of activates, de-activates, disables, re-enables, controls an operation of, and monitors an operation of, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, via the second control device and the first control device on or over at least one of the Internet and the World Wide Web.

J1 ⁴³
~~310~~. The apparatus of Claim ³¹~~91~~, further comprising:

an interface device, wherein the interface device provides an interface between the first control device and the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

⁴⁴
~~311~~. The apparatus of Claim ³¹~~91~~, wherein the first signal is transmitted from the first control device to the at least one of a premises system, a premises

equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, via at least one of a wireless device, wireless communication equipment, wireless equipment, and a wireless link, and further wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a wireless at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

⁴⁵
~~312~~. The apparatus of Claim ~~91~~³¹, wherein the

51 apparatus provides at least one of an immediate control of and a deferred control of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

⁴⁶
~~313~~. The apparatus of Claim ~~91~~³¹, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a system for detecting a failure in the at least one of a premises system, a premises equipment system, a premises

component, a premises device, a premises equipment, and a premises appliance, wherein the detecting system provides information regarding the failure, and a monitoring device for detecting an occurrence warranting providing notice to at least one of an owner, a user, and an authorized operator, wherein the apparatus provides information regarding the occurrence in at least one of a telephone call, a voice message, a pager message, an electronic mail message, and a fax transmission.

⁴⁷
~~314~~. The apparatus of claim ³¹~~91~~, wherein the first control device detects at least one of a premises use, an unauthorized use of the premises, and a theft of the premises.

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~~315~~. The apparatus of Claim ³¹~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a central electrical system, a central heating system, a central air conditioning system, a water system, and a thermostat or environmental control system, and further wherein the premises is at least one of a home, a residential premises, and a residential building.

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~~316~~

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The apparatus of Claim ~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an anti-theft or burglary alarm system, a siren, an alarm, an exterior lighting system, an interior lighting system, a window which turns opaque or darker depending upon interior lighting, an electrical or electronically controlled locking device for at least one of a door and a window, an electrical or electronic dead-bolt locking system or device, an electrical or electronically controlled dead-bolt locking device for use on at least one of a door and a window, a system for controlling an electrical circuit or system at least one of room-by-room, device-by-device, and appliance-by-appliance, a device for controlling a circuit controlled by at least one of a fuse and a circuit breaker, a device for at least one of controlling and monitoring at least one of a hot water heater, a garage door opener, a lawn sprinkler system, an electric fences or fencing, an in-ground or above-ground pool at least one of equipment, a filter, and a heater, a home central water valve, an individual room water valve, a home fire detector, and home fire extinguishment equipment, a power at least one of door

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and window at least one of closing, locking, and opening, equipment, fire extinguishing equipment, emergency or distress signal equipment, a television, a telephone, an entertainment device, a telephone answering machine, an alarm system, a VCR, a stove, a refrigerator, an oven, a microwave oven, a door bell, an individual light or lamp, a light system, an air conditioner, a blender, a toaster, a personal computer, a word processor, a stereo, a radio, video recording equipment, photographing equipment, a video recording device, a camera, audio recording equipment, an audio recording device, a microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a battery, a fuel cell, battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, a home or residential premises command computer, a wear or usage indicator or detection device for monitoring wear or usage of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, a system for detecting a failure in the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, and for reporting such

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failure, an automatic control device for controlling or monitoring home or residential premises at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, hydraulic equipment, pneumatic equipment, a winch, at least one of a loading mechanism and an unloading mechanism, a cutting mechanism, and a bailing mechanism, and further wherein the premises is at least one of a home, a residential premises, and a residential building.

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~~317~~. The apparatus of Claim ³¹~~91~~, wherein the at

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least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a home fuel supply, a water supply, an electrical generator or alternator operation, a water usage, a heat or air conditioning usage, an electricity usage, at least one of a gas usage, an oil usage, and a fuel usage, a battery charge level, an electrical system charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product

output level, at least one of telephone usage and charges, an appliance usage, a home control system, a home operation, and at least one of an operating status and condition of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, and further wherein the premises is at least one of a home, a residential premises, and a residential building.

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~~318~~. The apparatus of Claim ~~91~~, wherein the at

least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a home appliance and a household appliance.

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~~319~~. The apparatus of Claim ~~91~~, wherein the at

least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of a central electrical system, a central heating system, a central air conditioning system, a water system, and a thermostat system, and further wherein the premises is at least one of a commercial premises, a commercial office, and a commercial building.

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~~320~~. The apparatus of Claim ~~31~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of an anti-theft or burglary alarm system, a siren or alarm, an exterior lighting system, an interior lighting system, a window which turns opaque or darker depending upon interior lighting, an electrical or electronically controlled locking device for at least one of a door and a window, an electric or electronic dead-bolt locking device or system, an electrical or electronically controlled dead-bolt locking device for use on at least one of a door, a window, and an opening component, a system for controlling an electrical circuit at least one of room-by-room, device-by-device, and appliance-by-appliance, a device for controlling an electrical circuit controlled by at least one of a fuse and a circuit breaker, a device for at least one of controlling and monitoring at least one of a hot water heater, a garage door opener, a lawn sprinkler system, an electric fence or fencing, an in-ground or above-ground pool at least one of equipment, fountain equipment, a filter, and a heater, a fire detector, and fire extinguishment equipment, a power door or window at

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least one of closing, locking, and opening, equipment, a television, a telephone, an entertainment device, a telephone answering machine, an alarm system, a VCR, a stove, an oven, a microwave oven, a refrigerator, an air conditioner, a door bell, an individual light or lamp, a lighting system, a blender, a toaster, a computer, a computer peripheral, a word processor, a stereo, a radio, a video recording device, a camera, a still picture camera, an audio recording device, microphone, a tape recorder, an intercom system or device, a video conferencing device or equipment, a battery, a fuel cell, battery monitoring equipment, a fuel cell temperature measuring device, a fuel cell by-product measuring device, a fuel cell output measuring device, fire extinguishing equipment, emergency or distress signal equipment, a system for detecting a failure in the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, a commercial premises command computer, a wear or usage indicator or detection device for monitoring at least one of wear or usage of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, and an automatic control device, and further

wherein the premises is at least one of a commercial premises, a commercial office, and a commercial building.

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~~321~~. The apparatus of Claim ~~91~~, wherein the at

least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is a monitoring device for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel supply, a water supply, an electrical generator or alternator operation, a water usage, a heat or air conditioning usage, an electricity usage, at least one of gas usage, an oil usage, and a fuel usage, a battery charge level, a electrical system charge level, a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, a fuel cell by-product output level, at least one of a telephone usage and charges, at least one of premises equipment and appliance usage, a commercial office or premises control system, and status of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, and further wherein the premises is at least one of a commercial premises, a commercial office, and a commercial building.

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~~322~~. The apparatus of Claim ~~91~~, wherein the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, is at least one of hydraulic equipment and pneumatic equipment, assembly equipment, drilling equipment, manufacturing equipment, mining equipment, construction equipment, excavation equipment, robotic equipment, a winch, at least one of a loading and an unloading mechanism, a cutting mechanism, and a bailing mechanism, and further wherein the premises is at least one of a commercial premises, a commercial building, a commercial office, an industrial facility, a commercial structure, an industrial structure, a manufacturing facility, a drilling platform, a drilling rig, an oil drilling platform, an off-shore drilling platform, an off-shore drilling rig, a mining platform, an assembly facility, an assembly line facility, a mass production facility, and a production facility.

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~~323~~. The apparatus of Claim ~~92~~, wherein the first control device is at least one of a server computer, a computer, a network computer, and a central processing computer, and further wherein the first control device

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provides at least one of a central office control of and a central office monitoring of the premises on or over at least one of the Internet and the World Wide Web. --

Please amend Claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120 as follows:

33. (Four Times Amended) A control method, comprising:

at least one of monitoring and detecting an event regarding at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle at the vehicle; and

at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the vehicle,

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wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual, wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

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246. (Four Times Amended) A control method, comprising:

at least one of monitoring and detecting an event regarding at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises at the premises; and

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at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein

the first signal contains information regarding the event,
and wherein the second control device is located at a
location which is remote from the premises,

wherein the second control device automatically
receives the first signal from the first control device,
and further wherein the second control device at least one
of generates a second signal and transmits a second signal
to a communication device associated with an individual,
wherein the communication device is located remote from the
second control device, and further wherein the
communication device automatically receives the second
signal from the second control device, and further wherein
the communication device generates a third signal, wherein
the third signal provides information regarding the event.

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3 ~~47~~. (Five Times Amended) A control apparatus,
comprising:

a first control device, wherein the first control
device at least one of generates a first signal and
transmits a first signal for at least one of activating,
de-activating, disabling, and re-enabling, at least one of
a vehicle system, a vehicle equipment system, a vehicle

component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at the vehicle,

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wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal,

wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the

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second control device, and further wherein the third signal is automatically received by the second control device.

27 ~~22~~. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

J4

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

J4

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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29 ~~st.~~ (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one (of monitors and detects an event regarding at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a

vehicle equipment, and a vehicle appliance, of a vehicle,
wherein the first control device is located at the vehicle,

wherein the first control device at least one of
generates a first signal and transmits a first signal to a
second control device, wherein the first signal contains
information regarding the event, and further wherein the
second control device is located at a location which is
remote from the vehicle, wherein the second control device
automatically receives the first signal from the first
control device, and further wherein the second control
device at least one of generates a second signal and
transmits a second signal to a communication device
associated with an individual,

wherein the communication device is located remote
from the second control device, and further wherein the
communication device automatically receives the second
signal from the second control device, and further wherein
the communication device generates a third signal, wherein
the third signal provides information regarding the event.

30 68. (Five Times Amended) A control apparatus,
comprising:

a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises,

J5
wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the premises, wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual,

wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the

J5

second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

[Handwritten scribble]

31 ~~91~~. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises,

J6

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first

control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device,

wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

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56 ~~92~~. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a

premises appliance, of a premises, wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

J6
wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for

J6

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

⁷² 112. (Five Times Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a premises, and further wherein the first signal is automatically received by the second control device;

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transmitting a second signal from the second control device to a third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

J7
at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle appliance, a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

73 ~~413~~. (Twice Amended) A control apparatus, comprising:

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a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle,

wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

J8
wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third

control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

¹⁴⁰~~116~~. (Twice Amended) A control apparatus, comprising:

J8
a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the

second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance,

J8

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment

system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

143 ~~117~~: (Twice Amended) A control apparatus, comprising:

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a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal

is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

202 118. (Twice Amended) A control apparatus, comprising:

a first control device, wherein the first control

device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises,

J8 wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-

activating, disabling, and re-enabling, one or more of a plurality of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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205 ~~119~~. (Twice Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and

further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, deactivating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of the vehicle, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device;

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at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

106, 120. (Twice Amended) A control method, comprising:

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transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of the premises, wherein the third control device is located at the premises, and further wherein the second control device

is located at a location remote from the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

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at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

MARKED-UP VERSIONS SHOWING CHANGES MADE TO THE CLAIMS:

33. (Four Times Amended) A control method, comprising:

at least one of monitoring and detecting an event

regarding at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle at the vehicle; and

at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the vehicle,

wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual, wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

46. (Four Times Amended) A control method,
comprising:

at least one of monitoring and detecting an event regarding at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises at the premises; and

at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the premises,

wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual, wherein the communication device is located remote from the second control device, and further wherein the communication device automatically receives the second

signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

47. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first

control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal,

wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

62. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a

vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and

re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

67. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains information regarding the event, and further wherein the second control device is located at a location which is remote from the vehicle, wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and

transmits a second signal to a communication device associated with an individual,

wherein the communication device is located remote from the second control device, and further wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

68. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises,

wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains

information regarding the event, and wherein the second control device is located at a location which is remote from the premises, wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual,

wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

91. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises

component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device,

wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second

control device, and further wherein the third signal is automatically received by the second control device.

92. (Five Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

112. (Five Times Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a

premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [and] a vehicle appliance, a premises system, a premises equipment system,

a premises component, a premises device, a premises equipment, and a premises appliance.

115. (Twice Amended) A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and

transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

116. (Twice Amended) A control apparatus,
comprising:

a first control device, wherein the first control

device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of a vehicle, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a

plurality of the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

117. (Twice Amended) A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device,

a premises equipment, and a premises appliance, of a premises, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is

at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

118. (Twice Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of a premises, wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal

in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, deactivating, disabling, and re-enabling, one or more of a plurality of the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third

signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

119. (Twice Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, of the vehicle, wherein the third control device is located at the vehicle, and further wherein the second control device is located at

further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, deactivating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, of the premises, wherein the third control device is located at the premises, and further wherein the second control device is located at a location remote from the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

120. (Twice Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and

at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

IN THE SPECIFICATION:

Please replace the paragraph beginning on Page 87, line 22 with the following paragraph:

-- The command computer can transmit control signals and/or status request signals to any of the herein-described vehicle systems, components and/or devices so as to respectively control and/or monitor the operating status and/or condition of the respective system, component and/or device. The command computer can also receive signals from the respective systems, devices and/or components, with said signals containing data and/or information concerning the operating status, operating state, and/or condition, of the respective systems, devices and/or components. The command computer can be utilized so as to control, monitor, and/or provide diagnostic information for any of the

vehicle systems, components, and/or devices, which are controlled and/or monitored with the command computer. --

Please replace the paragraph beginning on Page 252, line 6 with the following paragraph:

-- The command computer can transmit control signals and/or status request signals to any of the herein-described snowmobile systems, components and/or devices so as to respectively control and/or monitor the operating status and/or condition of the respective system, component and/or device. The command computer can also receive signals from the respective systems, devices and/or components, with said signals containing data and/or information concerning the operating status, operating state, and/or condition, of the respective systems, devices and/or components. The command computer can be utilized so as to control, monitor, and/or provide diagnostic information for any of the snowmobile systems, components, and/or devices, which are controlled and/or monitored with the command computer. --

Please replace the paragraph beginning on Page 274, line 16 with the following paragraph:

-- The home equipment system(s) 1515 may also include an intercom system or device or a telephone, cellular, digital or otherwise for providing a means by which to allow the user or operator, or other authorized operator, to communicate with the persons present in, or occupants of, the home. The home equipment system(s) 1515 can also include video conferencing devices and/or equipment for enabling the home occupants and/or individuals inside the home, outside the home, and/or in the vicinity of the home, to engage in and/or partake in video conferences and/or video conferencing with others via a communication network. --

Please replace the paragraph beginning on Page 290, line 3 with the following paragraph:

-- The commercial office and/or premises equipment system(s) 1615 may include a commercial office and/or premises anti-theft and/or burglary alarm system, loud siren or alarm, which may be located in the interior of the commercial office and/or premises, which may produce a loud piercing sound so as to make it unbearable for an intruder

to remain inside the commercial office and/or premises, an exterior siren or alarm, which may produce a loud piercing sound, which may be utilized to draw attention to the commercial office and/or premises and exterior lighting system(s) and/or the interior lighting system(s), which lighting systems may be turned on or turned off at the user's or operator's discretion and which may be controlled to blink on and off to draw attention to the commercial office and/or premises. The premises equipment system(s) 1615 can also include "smart" windows which turn opaque and/or darker depending upon interior lighting. --

Please replace the paragraph beginning on Page 296, line 2 with the following paragraph:

-- The commercial office and/or premises equipment system(s) 1615 may also include an intercom system or device or telephone, cellular, digital or otherwise, for providing a means by which to allow the user or operator, or other authorized individual, to communicate with the persons present in the, or occupants of the, commercial office and/or premises. The vehicle equipment system 1615 can also include video conferencing devices and/or equipment for enabling the commercial office and/or

premises occupants and/or individuals inside the commercial office and/or premises, outside the commercial office and/or premises, and/or in the vicinity of the commercial office and/or premises, to engage in and/or partake in video conferences and/or video conferencing with others via a communication network. --

Please replace the paragraph beginning on Page 298, line 1 with the following paragraph:

-- The commercial premises equipment system(s) 1615 may also include communication devices, such as two-way radios, radios, televisions, fire extinguishing equipment, emergency and/or distress signal equipment, and any electrical, electronic and/or otherwise activated appliances and/or equipment which may be utilized in a commercial office and/or premises. Appliances may include household appliances such as refrigerators, stoves, air conditioners, ovens, microwave ovens, lighting systems, etc. The commercial premises equipment system(s) 1615 may also include electrical and/or electronically controlled dead bolt locking devices for use on doors, windows, and/or in conjunction with any other opening components and/or components for gaining access to various locations on

and/or in, and/or any systems, devices, and/or components of, the commercial premises. --

MARKED-UP VERSION SHOWING THE CHANGES MADE TO THE SPECIFICATION:

Paragraph beginning on Page 87, line 22:

The command computer can transmit control signals and/or status request signals to any of the herein-described vehicle systems, components and/or devices so as to respectively control and/or monitor the operating status and/or condition of the respective system, component and/or device. The command computer can also receive signals from the respective systems, devices and/or components, with said signals containing data and/or information concerning the operating status, operating state, and/or condition, of the respective systems, devices and/or components. The command computer can be utilized so as to control, monitor, and/or provide diagnostic information for any of the vehicle systems, components, and/or devices, which are controlled and/or monitored with the command computer.

Paragraph beginning on Page 252, line 6:

The command computer can transmit control signals and/or status request signals to any of the herein-described snowmobile systems, components and/or devices so as to respectively control and/or monitor the operating status and/or condition of the respective system, component and/or device. The command computer can also receive signals from the respective systems, devices and/or components, with said signals containing data and/or information concerning the operating status, operating state, and/or condition, of the respective systems, devices and/or components. The command computer can be utilized so as to control, monitor, and/or provide diagnostic information for any of the snowmobile systems, components, and/or devices, which are controlled and/or monitored with the command computer.

Paragraph beginning on Page 274, line 16:

The home equipment system(s) 1515 may also include an intercom system or device or a telephone, cellular, digital or otherwise for providing a means by which to allow the user or operator, or other authorized operator, to communicate with the persons present in, or occupants of, the home. The home equipment system(s) 1515

can also include video conferencing devices and/or equipment for enabling the [vehicle] home occupants and/or individuals inside the [vehicle] home, outside the [vehicle] home, and/or in the vicinity of the [vehicle] home, to engage in and/or partake in video conferences and/or video conferencing with others via a communication network.

Paragraph beginning on Page 290, line 3:

The commercial office and/or premises equipment system(s) 1615 may include a commercial office and/or premises anti-theft and/or burglary alarm system, loud siren or alarm, which may be located in the interior of the [home] commercial office and/or premises, which may produce a loud piercing sound so as to make it unbearable for an intruder to remain inside the [home] commercial office and/or premises, an exterior siren or alarm, which may produce a loud piercing sound, which may be utilized to draw attention to the commercial office and/or premises and exterior lighting system(s) and/or the interior lighting system(s), which lighting systems may be turned on or turned off at the user's or operator's discretion and which may be controlled to blink on and off to draw attention to

the commercial office and/or premises. The premises equipment system(s) 1615 can also include "smart" windows which turn opaque and/or darker depending upon interior lighting.

Paragraph beginning on 296, line 2:

The commercial office and/or premises equipment system(s) 1615 may also include an intercom system or device or telephone, cellular, digital or otherwise, for providing a means by which to allow the user or operator, or other authorized individual, to communicate with the persons present in the, or occupants of the, commercial office and/or premises. The vehicle equipment system 1615 can also include video conferencing devices and/or equipment for enabling the [vehicle] commercial office and/or premises occupants and/or individuals inside the [vehicle] commercial office and/or premises, outside the [vehicle] commercial office and/or premises, and/or in the vicinity of the [vehicle] commercial office and/or premises, to engage in and/or partake in video conferences and/or video conferencing with others via a communication network.

Paragraph beginning on Page 298, line 1:

The commercial premises equipment system(s) 1615 may also include communication devices, such as two-way radios, radios, televisions, fire extinguishing equipment, emergency and/or distress signal equipment, and any electrical, electronic and/or otherwise activated appliances and/or equipment which may be utilized in a commercial office and/or premises. Appliances may include household appliances such as refrigerators, stoves, air conditioners, ovens, microwave ovens, lighting systems, etc. The commercial premises equipment system(s) 1615 may also include electrical and/or electronically controlled dead bolt locking devices for use on doors, windows, and/or in conjunction with any other opening components and/or components for gaining access to various locations on and/or in, and/or any systems, devices, and/or components of, the commercial premises.

REMARKS

This is a Fourth Preliminary Amendment in the above-identified application. By this Fourth Preliminary Amendment, Applicant has cancelled Claims 48-58, 60-61, 69-90, 93-103, 105-106, 109-111, and 113-114, without prejudice, and Applicant has added new Claims 121-323. Applicant has also amended independent Claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120. Applicant has also amended the Specification in certain instances in order to correct inadvertent errors therein.

Applicant respectfully submits that the newly added Claims 121-323, the amendments to independent Claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120, and the amendments to the Specification, do not contain new matter.

Applicant respectfully submits that newly added Claims 121-323 do not contain new matter.

Regarding Claim 121, Applicant respectfully submits that support for Claim 121 can, for example, be found at Page 78, line 19, to Page 87, line 6; Page 89, lines 11-18; and Page 96, line 3 to Page 97, line 2.

Regarding Claim 122, Applicant respectfully submits that support for Claim 122 can, for example, be found at Page 66, lines 7-20.

Regarding Claim 123, Applicant respectfully submits that support for Claim 123 can, for example, be found at Page 76, line 6 to Page 78, line 9.

Regarding Claim 124, Applicant respectfully submits that support for Claim 124 can, for example, be found at Page 80, lines 10-13.

Regarding Claim 125, Applicant respectfully submits that support for Claim 125 can, for example, be found at Page 81, lines 14-19.

Regarding Claim 126, Applicant respectfully submits that support for Claim 126 can, for example, be found at Page 81, lines 14-19.

Regarding Claim 127, Applicant respectfully submits that support for Claim 127 can, for example, be found at

Page 80, line 10 to Page 82, line 5; and Page 108, line 6 to Page 111, line 11.

Regarding Claim 128, Applicant respectfully submits that support for Claim 128 can, for example, be found at Page 81, line 22 to Page 82, line 3.

Regarding Claim 129, Applicant respectfully submits that support for Claim 129 can, for example, be found at Page 82, line 6 to Page 83, line 17; and Page 108, line 6 to Page 111, line 11.

Regarding Claim 130, Applicant respectfully submits that support for Claim 130 can, for example, be found at Page 82, lines 6-9.

Regarding Claim 131, Applicant respectfully submits that support for Claim 131 can, for example, be found at Page 83, lines 1-3.

Regarding Claim 132, Applicant respectfully submits that support for Claim 132 can, for example, be found at Page 83, lines 5-10.

Regarding Claim 133, Applicant respectfully submits that support for Claim 133 can, for example, be found at Page 80, line 10 to Page 82, line 5; and Page 108, line 6 to Page 111, line 11.

Regarding Claim 134, Applicant respectfully submits that support for Claim 134 can, for example, be found at Page 83, line 12-17.

Regarding Claim 135, Applicant respectfully submits that support for Claim 135 can, for example, be found at Page 82, line 6 to Page 83, line 17; and Page 108, line 6 to Page 111, line 11.

Regarding Claim 136, Applicant respectfully submits that support for Claim 136 can, for example, be found at Page 83, line 23 to Page 84, line 6; and originally filed Claim 7.

Regarding Claim 137, Applicant respectfully submits that support for Claim 137 can, for example, be found at Page 84, lines 7-14.

Regarding Claim 138, Applicant respectfully submits that support for Claim 138 can, for example, be found at Page 315, lines 11-18.

Regarding Claim 139, Applicant respectfully submits that support for Claim 139 can, for example, be found at Page 151, line 21 to Page 152, line 5; and Page 305, lines 15-22.

Regarding Claim 140, Applicant respectfully submits that support for Claim 140 can, for example, be found at Page 151, line 21 to Page 152, line 5; and Page 305, lines 15-22.

Regarding Claim 141, Applicant respectfully submits that support for Claim 141 can, for example, be found at Page 76, line 11 to Page 78, line 4.

Regarding Claim 142, Applicant respectfully submits that support for Claim 142 can, for example, be found at Page 108, line 12 to Page 111, line 11.

Regarding Claim 143, Applicant respectfully submits that support for Claim 143 can, for example, be found at

Page 110, lines 19-21.

Regarding Claim 144, Applicant respectfully submits that support for Claim 144 can, for example, be found at Page 186, lines 1-20.

Regarding Claim 145, Applicant respectfully submits that support for Claim 145 can, for example, be found at Page 186, lines 1-20.

Regarding Claim 146, Applicant respectfully submits that support for Claim 146 can, for example, be found at Page 306, line 17 to page 308, line 1; and originally filed Claim 6.

Regarding Claim 147, Applicant respectfully submits that support for Claim 147 can, for example, be found at Page 154, line 5 to Page 155, line 13; and Page 184, line 12 to Page 185, line 8.

Regarding Claim 148, Applicant respectfully submits that support for Claim 148 can, for example, be found at Page 154, line 5 to Page 155, line 13; and Page 185, lines 9-23.

Regarding Claim 149, Applicant respectfully submits that support for Claim 149 can, for example, be found at Page 152, line 18 to Page 153, line 6.

Regarding Claim 150, Applicant respectfully submits that support for Claim 150 can, for example, be found at Page 122, line 1 to Page 123, line 4.

Regarding Claim 151, Applicant respectfully submits that support for Claim 151 can, for example, be found at Page 164, lines 1-13.

Regarding Claim 152, Applicant respectfully submits that support for Claim 152 can, for example, be found at Page 313, line 19 to Page 314, line 20.

Regarding Claim 153, Applicant respectfully submits that support for Claim 153 can, for example, be found at Page 108, line 6 to Page 111, line 11; and Page 318, lines 10-21.

Regarding Claim 154, Applicant respectfully submits that support for Claim 154 can, for example, be found at

Page 108, line 6 to Page 111, line 11; and Page 318, lines 10-21.

Regarding Claim 155, Applicant respectfully submits that support for Claim 155 can, for example, be found at Page 124, line 16 to Page 128, line 1.

Regarding Claim 156, Applicant respectfully submits that support for Claim 156 can, for example, be found at Page 97, line 16 to Page 98, line 8, Page 99, line 11 to Page 100, line 9; and Page 122, lines 3-7.

Regarding Claim 157, Applicant respectfully submits that support for Claim 157 can, for example, be found at Page 164, line 14 to Page 165, line 19.

Regarding Claim 158, Applicant respectfully submits that support for Claim 158 can, for example, be found at Page 108 line 6 to Page 111, line 11.

Regarding Claim 159, Applicant respectfully submits that support for Claim 159 can, for example, be found at Page 76, lines 8-11; Page 77, lines 8-10; and Page 78, lines 12-19.

Regarding Claim 160, Applicant respectfully submits that support for Claim 160 can, for example, be found at Page 98, line 21 to Page 99, line 10.

Regarding Claim 161, Applicant respectfully submits that support for Claim 161 can, for example, be found at Page 305, line 15 to Page 306, line 16; and Page 308, line 9 to Page 309, line 2.

Regarding Claim 162, Applicant respectfully submits that support for Claim 162 can, for example, be found at Page 75, line 15 to Page 76, line 5.

Regarding Claim 163, Applicant respectfully submits that support for Claim 163 can, for example, be found at Page 98, line 21 to Page 99, line 10.

Regarding Claim 164, Applicant respectfully submits that support for Claim 164 can, for example, be found at Page 75, line 15 to Page 76, line 5.

Regarding Claim 165, Applicant respectfully submits that support for Claim 165 can, for example, be found at Page 86, line 23 to Page 87, line 6.

Regarding Claim 166, Applicant respectfully submits that support for Claim 166 can, for example, be found at Page 162, line 3 to Page 163, line 2.

Regarding Claim 167, Applicant respectfully submits that support for Claim 167 can, for example, be found at Page 180, line 20 to Page 181, line 14.

Regarding Claim 168, Applicant respectfully submits that support for Claim 168 can, for example, be found at Page 310, line 18 to Page 311, line 16.

Regarding Claim 169, Applicant respectfully submits that support for Claim 169 can, for example, be found at Page 123, line 5 to Page 124, line 15; and Page 282, line 14 to Page 283, line 6.

Regarding Claim 170, Applicant respectfully submits that support for Claim 170 can, for example, be found at originally filed Claim 5.

Regarding Claim 171, Applicant respectfully submits that support for Claim 171 can, for example, be found at Page 84, line 7 to Page 85, line 3; Page 87, line 7 to Page 89, line 10; Page 186, line 21 to Page 187, line 11; and Page 85, lines 4-20.

Regarding Claim 172, Applicant respectfully submits that support for Claim 172 can, for example, be found at Page 66, lines 7-20.

Regarding Claim 173, Applicant respectfully submits that support for Claim 173 can, for example, be found at Page 66, lines 7-20.

Regarding Claim 174, Applicant respectfully submits that support for Claim 174 can, for example, be found at Page 195, line 13 to Page 204, line 17; and Page 215, lines 19-22.

Regarding Claim 175, Applicant respectfully submits that support for Claim 175 can, for example, be found at Page 192, lines 10-19; and Page 215, lines 14-23.

Regarding Claim 176, Applicant respectfully submits that support for Claim 176 can, for example, be found at Page 201, line 15 to Page 208, line 23.

Regarding Claim 177, Applicant respectfully submits that support for Claim 177 can, for example, be found at Page 192, lines 10-19; and Page 215, lines 14-23.

Regarding Claim 178, Applicant respectfully submits that support for Claim 178 can, for example, be found at Page 219, line 2 to page 227, line 5; and Page 239, lines 20-22.

Regarding Claim 179, Applicant respectfully submits that support for Claim 179 can, for example, be found at Page 216, lines 1-3; and Page 239, lines 14-20.

Regarding Claim 180, Applicant respectfully submits that support for Claim 180 can, for example, be found at Page 225, line 8 to Page 231, line 22.

Regarding Claim 181, Applicant respectfully submits that support for Claim 181 can, for example, be found at Page 216, lines 1-3; and Page 239, lines 14-20.

Regarding Claim 182, Applicant respectfully submits that support for Claim 182 can, for example, be found at Page 243, line 3 to Page 251, line 4; and Page 263, lines 2-6.

Regarding Claim 183, Applicant respectfully submits that support for Claim 183 can, for example, be found at Page 262, line 16 to Page 263, line 2.

Regarding Claim 184, Applicant respectfully submits that support for Claim 184 can, for example, be found at Page 248, line 14 to Page 255, line 8.

Regarding Claim 185, Applicant respectfully submits that support for Claim 185 can, for example, be found at Page 262, line 16 to Page 263, line 2.

Regarding Claim 186, Applicant respectfully submits that support for Claim 186 can, for example, be found at Page 320, lines 3-12.

Regarding Claim 187, Applicant respectfully submits that support for Claim 187 can, for example, be found at

Page 166, line 9 to page 167, line 14; and Page 177, line 7 to Page 182, line 6.

Regarding Claim 188, Applicant respectfully submits that support for Claim 188 can, for example, be found at Page 80, lines 10-13.

Regarding Claim 189, Applicant respectfully submits that support for Claim 189 can, for example, be found at Page 83, line 23 to page 84, line 6; and originally filed Claim 7.

Regarding Claim 190, Applicant respectfully submits that support for Claim 190 can, for example, be found at Page 151, line 21 to Page 152, line 5; Page 305, lines 15-22; and Page 76, line 11 to Page 78, line 4.

Regarding Claim 191, Applicant respectfully submits that support for Claim 191 can, for example, be found at Page 186, lines 1-20.

Regarding Claim 192, Applicant respectfully submits that support for Claim 192 can, for example, be found at

Page 154, line 5 to Page 155, line 13; and Page 184, line 12 to Page 185, line 8.

Regarding Claim 193, Applicant respectfully submits that support for Claim 193 can, for example, be found at Page 154, line 5 to Page 155, line 13; and Page 185, lines 9-23.

Regarding Claim 194, Applicant respectfully submits that support for Claim 194 can, for example, be found at Page 318, lines 10-21.

Regarding Claim 195, Applicant respectfully submits that support for Claim 195 can, for example, be found at Page 124, line 16 to Page 128, line 1.

Regarding Claim 196, Applicant respectfully submits that support for Claim 196 can, for example, be found at Page 75, line 15 to Page 76, line 5.

Regarding Claim 197, Applicant respectfully submits that support for Claim 197 can, for example, be found at Page 86, line 23 to Page 87, line 6.

Regarding Claim 198, Applicant respectfully submits that support for Claim 198 can, for example, be found at Page 180, line 20 to Page 181, line 14.

Regarding Claim 199, Applicant respectfully submits that support for Claim 199 can, for example, be found at Page 310, line 18 to Page 311, line 16.

Regarding Claim 200, Applicant respectfully submits that support for Claim 200 can, for example, be found at originally filed Claim 5.

Regarding Claim 201, Applicant respectfully submits that support for Claim 201 can, for example, be found at Page 85, lines 4-20.

Regarding Claim 202, Applicant respectfully submits that support for Claim 202 can, for example, be found at Page 78, line 19, to Page 87, line 6; Page 89, lines 11-18; and Page 96, line 3 to Page 97, line 2.

Regarding Claim 203, Applicant respectfully submits that support for Claim 203 can, for example, be found at

Page 80, lines 10-13; Page 82, lines 6-9; Page 83, line 23 to page 84, line 6; and originally filed Claim 7.

Regarding Claim 204, Applicant respectfully submits that support for Claim 204 can, for example, be found at Page 82, lines 6-9.

Regarding Claim 205, Applicant respectfully submits that support for Claim 205 can, for example, be found at Page 80, lines 10-13; Page 82, lines 6-9; Page 83, line 23 to Page 84, line 6; and originally filed Claim 7.

Regarding Claim 206, Applicant respectfully submits that support for Claim 206 can, for example, be found at Page 80, lines 10-13; Page 82, lines 6-9; and Page 81, lines 14-19.

Regarding Claim 207, Applicant respectfully submits that support for Claim 207 can, for example, be found at Page 84, lines 7-14.

Regarding Claim 208, Applicant respectfully submits that support for Claim 208 can, for example, be found at Page 84, lines 7-14.

Regarding Claim 209, Applicant respectfully submits that support for Claim 209 can, for example, be found at Page 151, line 21 to Page 152, line 5; Page 305, lines 15-22; and Page 76, line 11 to Page 78, line 4.

Regarding Claim 210, Applicant respectfully submits that support for Claim 210 can, for example, be found at Page 108, lines 12-16; and Page 110, lines 19-21.

Regarding Claim 211, Applicant respectfully submits that support for Claim 211 can, for example, be found at Page 186, lines 1-20.

Regarding Claim 212, Applicant respectfully submits that support for Claim 212 can, for example, be found at Page 154, line 5 to Page 155, line 13; Page 184, line 12 to Page 185, line 8; Page 154, line 5 to Page 155, line 13; and Page 185, lines 9-23.

Regarding Claim 213, Applicant respectfully submits that support for Claim 213 can, for example, be found at Page 108, line 6 to Page 111, line 11; and Page 318, lines 10-21.

Regarding Claim 214, Applicant respectfully submits that support for Claim 214 can, for example, be found at Page 108 line 6 to Page 110, line 11.

Regarding Claim 215, Applicant respectfully submits that support for Claim 215 can, for example, be found at Page 76, lines 8-11; Page 77, lines 8-10; and Page 78, lines 12-19.

Regarding Claim 216, Applicant respectfully submits that support for Claim 216 can, for example, be found at Page 98, line 21 to Page 99, line 10.

Regarding Claim 217, Applicant respectfully submits that support for Claim 217 can, for example, be found at Page 305, line 15 to Page 306, line 16; and Page 308, line 9 to Page 309, line 2.

Regarding Claim 218, Applicant respectfully submits that support for Claim 218 can, for example, be found at Page 86, line 23 to Page 87, line 6; and Page 310, line 18 to Page 311, line 16.

Regarding Claim 219, Applicant respectfully submits that support for Claim 219 can, for example, be found at originally filed Claim 5.

Regarding Claim 220, Applicant respectfully submits that support for Claim 220 can, for example, be found at Page 84, line 7 to Page 85, line 3; Page 87, line 7 to Page 89, line 10; Page 186, line 21 to Page 187, line 11; Page 85, lines 4-20; and Page 66, lines 7-20.

Regarding Claim 221, Applicant respectfully submits that support for Claim 221 can, for example, be found at Page 195, line 13 to Page 204, line 17; and Page 215, lines 19-22; Page 201, line 15 to Page 208, line 23; Page 192, lines 10-19; and Page 215, lines 14-23.

Regarding Claim 222, Applicant respectfully submits that support for Claim 222 can, for example, be found at Page 219, line 2 to page 227, line 5; Page 239, lines 20-22; Page 225, line 8 to Page 231, line 22; Page 216, lines 1-3; and Page 239, lines 14-20.

Regarding Claim 223, Applicant respectfully submits that support for Claim 223 can, for example, be found at

Page 243, line 3 to Page 251, line 4; Page 263, lines 2-6;
Page 248, line 14 to Page 255, line 8; and Page 262, line
16 to Page 263, line 2.

Regarding Claim 224, Applicant respectfully submits
that support for Claim 224 can, for example, be found at
Page 320, lines 3-12; Page 166, line 9 to Page 167, line
14; and Page 177, line 7 to Page 182, line 6.

Regarding Claim 225, Applicant respectfully
submits that support for Claim 225 can, for example, be
found at Page 271, line 1 to Page 273, line 2; and Page
108, line 6 to page 111, line 11.

Regarding Claim 226, Applicant respectfully
submits that support for Claim 226 can, for example, be
found at Page 273, line 3 to Page 274, line 15; and Page
108, line 6 to page 111, line 11.

Regarding Claim 227, Applicant respectfully
submits that support for Claim 227 can, for example, be
found at Page 271, line 1 to Page 273, line 2; and Page
108, line 6 to page 111, line 11.

Regarding Claim 228, Applicant respectfully submits that support for Claim 228 can, for example, be found at Page 273, line 3 to Page 274, line 15; and Page 108, line 6 to page 111, line 11.

Regarding Claim 229, Applicant respectfully submits that support for Claim 229 can, for example, be found at Page 84, lines 7-14.

Regarding Claim 230, Applicant respectfully submits that support for Claim 230 can, for example, be found at Page 271, lines 1-11.

Regarding Claim 231, Applicant respectfully submits that support for Claim 231 can, for example, be found at Page 271, line 20 to Page 272, line 10.

Regarding Claim 232, Applicant respectfully submits that support for Claim 232 can, for example, be found at Page 272, lines 11-16.

Regarding Claim 233, Applicant respectfully submits that support for Claim 233 can, for example, be found at Page 275, lines 5-12.

Regarding Claim 234, Applicant respectfully submits that support for Claim 234 can, for example, be found at Page 272, line 19-23.

Regarding Claim 235, Applicant respectfully submits that support for Claim 235 can, for example, be found at Page 275, lines 5-12.

Regarding Claim 236, Applicant respectfully submits that support for Claim 236 can, for example, be found at Page 273, lines 3-10.

Regarding Claim 237, Applicant respectfully submits that support for Claim 237 can, for example, be found at Page 273, line 20 to Page 274, line 3.

Regarding Claim 238, Applicant respectfully submits that support for Claim 238 can, for example, be found at Page 274, lines 3-8.

Regarding Claim 239, Applicant respectfully submits that support for Claim 239 can, for example, be found at Page 219, line 2 to Page 231, line 22; and Page 239, lines

20-22.

Regarding Claim 240, Applicant respectfully submits that support for Claim 240 can, for example, be found at Page 274, lines 10-15.

Regarding Claim 241, Applicant respectfully submits that support for Claim 241 can, for example, be found at Page 264, line 3 to Page 268, line 13; and Page 268, line 14 to Page 279, line 13.

Regarding Claim 242, Applicant respectfully submits that support for Claim 242 can, for example, be found at Page 274, line 21 to Page 275, line 4; and originally filed Claim 7.

Regarding Claim 243, Applicant respectfully submits that support for Claim 243 can, for example, be found at Page 275, lines 5-12.

Regarding Claim 244, Applicant respectfully submits that support for Claim 244 can, for example, be found at Page 315, lines 11-18.

Regarding Claim 245, Applicant respectfully submits that support for Claim 245 can, for example, be found at Page 151, line 21 to Page 152, line 5; Page 305, lines 15-22; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 246, Applicant respectfully submits that support for Claim 246 can, for example, be found at Page 151, line 21 to Page 152, line 5; and Page 305, lines 15-22; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 247, Applicant respectfully submits that support for Claim 247 can, for example, be found at Page 264, line 3 to Page 268, line 13.

Regarding Claim 248, Applicant respectfully submits that support for Claim 248 can, for example, be found at Page 108, lines 12-16; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 249, Applicant respectfully submits that support for Claim 249 can, for example, be found at

Page 110, lines 19-21; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 250, Applicant respectfully submits that support for Claim 250 can, for example, be found at Page 186, lines 1-20; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 251, Applicant respectfully submits that support for Claim 251 can, for example, be found at Page 186, lines 1-20; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 252, Applicant respectfully submits that support for Claim 252 can, for example, be found at Page 306, line 17 to Page 308, line 1; and originally filed Claim 6.

Regarding Claim 253, Applicant respectfully submits that support for Claim 253 can, for example, be found at Page 154, line 5 to Page 155, line 13; Page 184, line 12 to Page 185, line 8; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 254, Applicant respectfully submits that support for Claim 254 can, for example, be found at Page 154, line 5 to Page 155, line 13; Page 185, lines 9-23; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 255, Applicant respectfully submits that support for Claim 255 can, for example, be found at Page 152, line 18 to Page 153, line 6; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 256, Applicant respectfully submits that support for Claim 256 can, for example, be found at Page 122, line 1 to Page 123, line 4; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 257, Applicant respectfully submits that support for Claim 257 can, for example, be found at Page 164, lines 1-13; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 258, Applicant respectfully submits that support for Claim 258 can, for example, be found at Page 313, line 19 to Page 314, line 20.

Regarding Claim 259, Applicant respectfully submits that support for Claim 259 can, for example, be found at Page 264, line 3 to Page 267, line 19.

Regarding Claim 260, Applicant respectfully submits that support for Claim 260 can, for example, be found at Page 97, line 16 to Page 98, line 8, Page 99, line 11 to Page 100, line 9; Page 122, lines 3-7; Page 280, lines 4-17; and Page 303, line 9 to Page 304, line 1.

Regarding Claim 261, Applicant respectfully submits that support for Claim 261 can, for example, be found at Page 108, line 6 to Page 110, line 11; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 262, Applicant respectfully submits that support for Claim 262 can, for example, be found at Page 264, lines 8-11; Page 265, lines 12-15; and Page 266, lines 4-7.

Regarding Claim 263, Applicant respectfully submits that support for Claim 263 can, for example, be found at

Page 98, line 21 to Page 99, line 10; Page 263, line 13 to Page 264, line 5; Page 281, line 19 to Page 282, line 13; and Page 279, line 17 to Page 280, line 3.

Regarding Claim 264, Applicant respectfully submits that support for Claim 264 can, for example, be found at Page 98, line 21 to Page 99, line 10; Page 263, line 13 to Page 264, line 5; Page 281, line 19 to Page 282, line 13; and Page 279, line 17 to Page 280, line 3.

Regarding Claim 265, Applicant respectfully submits that support for Claim 265 can, for example, be found at Page 305, line 15 to Page 306, line 16; and Page 308, line 9 to Page 309, line 2.

Regarding Claim 266, Applicant respectfully submits that support for Claim 266 can, for example, be found at Page 75, line 15 to Page 76, line 5; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 267, Applicant respectfully submits that support for Claim 267 can, for example, be found at Page 75, line 15 to Page 76, line 5; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 268, Applicant respectfully submits that support for Claim 268 can, for example, be found at Page 277, lines 8-13.

Regarding Claim 269, Applicant respectfully submits that support for Claim 269 can, for example, be found at Page 161, line 3 to Page 163, line 2; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 270, Applicant respectfully submits that support for Claim 270 can, for example, be found at Page 180, line 20 to Page 181, line 14; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 271, Applicant respectfully submits that support for Claim 271 can, for example, be found at Page 310, line 18 to Page 311, line 16; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 272, Applicant respectfully submits that support for Claim 272 can, for example, be found at Page 281, line 19 to Page 283, line 6; and Page 306, lines 1-16.

Regarding Claim 273, Applicant respectfully submits that support for Claim 273 can, for example, be found at originally filed Claim 5.

Regarding Claim 274, Applicant respectfully submits that support for Claim 274 can, for example, be found at Page 264, line 3 to Page 268, line 13.

Regarding Claim 275, Applicant respectfully submits that support for Claim 275 can, for example, be found at Page 268, line 14 to Page 279, line 13.

Regarding Claim 276, Applicant respectfully submits that support for Claim 276 can, for example, be found at Page 275, line 13 to Page 276, line 10.

Regarding Claim 277, Applicant respectfully submits that support for Claim 277 can, for example, be found at Page 270, lines 15-22; and Page 298, lines 1-9.

Regarding Claim 278, Applicant respectfully submits that support for Claim 278 can, for example, be found at Page 263, lines 13-16.

Regarding Claim 279, Applicant respectfully submits that support for Claim 279 can, for example, be found at Page 263, lines 13-16.

Regarding Claim 280, Applicant respectfully submits that support for Claim 280 can, for example, be found at Page 284, line 4 to Page 289, line 14.

Regarding Claim 281, Applicant respectfully submits that support for Claim 281 can, for example, be found at Page 289, line 15 to Page 302, line 16.

Regarding Claim 282, Applicant respectfully submits that support for Claim 282 can, for example, be found at Page 297, lines 1-23.

Regarding Claim 283, Applicant respectfully submits that support for Claim 283 can, for example, be found at Page 298, line 16 to Page 299, line 1; and Page 301, lines

4-11.

Regarding Claim 284, Applicant respectfully submits that support for Claim 284 can, for example, be found at Page 284, lines 4-19.

Regarding Claim 285, Applicant respectfully submits that support for Claim 285 can, for example, be found at Page 284, lines 4-19.

Regarding Claim 286, Applicant respectfully submits that support for Claim 286 can, for example, be found at Page 284, lines 4-19.

Regarding Claim 287, Applicant respectfully submits that support for Claim 287 can, for example, be found at Page 284, lines 4-19.

Regarding Claim 288, Applicant respectfully submits that support for Claim 288 can, for example, be found at Page 320, lines 3-12.

Regarding Claim 289, Applicant respectfully submits that support for Claim 289 can, for example, be found at

Page 116, line 9 to Page 167, line 14; Page 177, line 7 to Page 182, line 6; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 290, Applicant respectfully submits that support for Claim 290 can, for example, be found at Page 271, line 1 to Page 274, line 15.

Regarding Claim 291, Applicant respectfully submits that support for Claim 291 can, for example, be found at Page 274, line 21 to Page 275, line 4; and originally filed Claim 7.

Regarding Claim 292, Applicant respectfully submits that support for Claim 292 can, for example, be found at Page 151, line 21 to Page 152, line 5; Page 305, lines 15-22; Page 263, line 13 to Page 264, line 5; Page 281, line 19 to Page 282, line 13; and Page 264, line 3 to Page 268, line 13.

Regarding Claim 293, Applicant respectfully submits that support for Claim 293 can, for example, be found at Page 186, lines 1-20; Page 263, line 13 to Page 264, line 5; Page 281, line 19 to Page 282, line 13.

Regarding Claim 294, Applicant respectfully submits that support for Claim 294 can, for example, be found at Page 154, line 5 to Page 155, line 13; Page 184, line 12 to Page 185, line 8; Page 263, line 13 to page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 295, Applicant respectfully submits that support for Claim 295 can, for example, be found at Page 154, line 5 to Page 155, line 13; Page 185, lines 9-23; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 296, Applicant respectfully submits that support for Claim 296 can, for example, be found at Page 264, line 3 to Page 267, line 19.

Regarding Claim 297, Applicant respectfully submits that support for Claim 297 can, for example, be found at Page 75, line 15 to Page 76, line 5; Page 263, line 13 to page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 298, Applicant respectfully submits that support for Claim 298 can, for example, be found at Page 277, lines 8-13.

Regarding Claim 299, Applicant respectfully submits that support for Claim 299 can, for example, be found at Page 180, line 20 to Page 181, line 14; Page 263, line 13 to page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 300, Applicant respectfully submits that support for Claim 300 can, for example, be found at Page 310, line 18 to Page 311, line 16; Page 263, line 13 to page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 301, Applicant respectfully submits that support for Claim 301 can, for example, be found at originally filed Claim 5.

Regarding Claim 302, Applicant respectfully submits that support for Claim 302 can, for example, be found at Page 271, line 1 to Page 275, line 4.

Regarding Claim 303, Applicant respectfully submits that support for Claim 303 can, for example, be found at Page 271, lines 1-11; Page 272, lines 11-16; Page 273, lines 3-10; and Page 274, lines 3-8.

Regarding Claim 304, Applicant respectfully submits that support for Claim 304 can, for example, be found at Page 275, lines 5-12.

Regarding Claim 305, Applicant respectfully submits that support for Claim 305 can, for example, be found at Page 151, line 21 to Page 152, line 5; Page 305, lines 15-22; Page 263, line 13 to page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 306, Applicant respectfully submits that support for Claim 306 can, for example, be found at Page 108, lines 12-16; Page 110, lines 19-21; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 307, Applicant respectfully submits that support for Claim 307 can, for example, be found at Page 186, lines 1-20; Page 263, line 13 to page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 308, Applicant respectfully submits that support for Claim 308 can, for example, be found at

Page 154, line 5 to Page 155, line 13; Page 184, line 12 to Page 185, line 23; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 309, Applicant respectfully submits that support for Claim 309 can, for example, be found at Page 108, line 6 to Page 111, line 11; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 310, Applicant respectfully submits that support for Claim 310 can, for example, be found at Page 246, lines 8-11; Page 265, lines 12-15; and Page 266, lines 4-7.

Regarding Claim 311, Applicant respectfully submits that support for Claim 311 can, for example, be found at Page 98, line 21 to Page 99, line 10; Page 263, line 13 to Page 264, line 5; Page 281, line 19 to Page 282, line 13; and page 279, line 17 to Page 280, line 3.

Regarding Claim 312, Applicant respectfully submits that support for Claim 312 can, for example, be found at Page 305, line 15 to Page 306, line 16; and Page

308, line 9 to Page 309, line 2.

Regarding Claim 313, Applicant respectfully submits that support for Claim 313 can, for example, be found at Page 277, lines 8-13; Page 310, line 18 to Page 311, line 16; Page 263, line 13 to Page 264, line 5; and Page 281, line 19 to Page 282, line 13.

Regarding Claim 314, Applicant respectfully submits that support for Claim 314 can, for example, be found at originally filed Claim 5.

Regarding Claim 315, Applicant respectfully submits that support for Claim 315 can, for example, be found at Page 263, line 13 to Page 268, line 13.

Regarding Claim 316, Applicant respectfully submits that support for Claim 316 can, for example, be found at Page 263, lines 13-16; and Page 268, line 14 to Page 279, line 13.

Regarding Claim 317, Applicant respectfully submits that support for Claim 317 can, for example, be found at Page 263, lines 13-16; and Page 275, line 13 to

Page 276, line 10.

Regarding Claim 318, Applicant respectfully submits that support for Claim 318 can, for example, be found at Page 270, lines 15-22; and Page 298, lines 1-9.

Regarding Claim 319, Applicant respectfully submits that support for Claim 319 can, for example, be found at Page 284, line 4 to Page 289, line 14.

Regarding Claim 320, Applicant respectfully submits that support for Claim 320 can, for example, be found at Page 289, line 15 to Page 302, line 16; and Page 284, lines 4-19.

Regarding Claim 321, Applicant respectfully submits that support for Claim 321 can, for example, be found at Page 297, lines 1-23; and Page 284, lines 4-19.

Regarding Claim 322, Applicant respectfully submits that support for Claim 322 can, for example, be found at Page 298, line 16 to Page 299, line 1; Page 301, lines 4-11; and Page 284, lines 4-19.

Regarding Claim 323, Applicant respectfully submits that support for Claim 323 can, for example, be found at Page 166, line 9 to Page 167, line 14; Page 177, line 7 to Page 182, line 6; Page 263, line 13 to Page 264, line 5; Page 281, line 19 to Page 282, line 13; and Page 108, line 6 to Page 111, line 11.

Applicant submits that the amendments to independent Claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120 do not contain new matter.

Applicant has amended Claim 33, as shown, in order to provide antecedent basis for "vehicle".

Applicant has amended Claim 46, as shown, in order to provide antecedent basis for "premises".

Applicant has amended Claim 47, as shown, in order to provide antecedent basis for "vehicle".

Applicant has amended Claim 62, as shown, in order to provide antecedent basis for "vehicle".

Applicant has amended Claim 67, as shown, in order to provide antecedent basis for "vehicle".

Applicant has amended Claim 68, as shown, in order to provide antecedent basis for "premises".

Applicant has amended Claim 91, as shown, in order to provide antecedent basis for "premises".

Applicant has amended Claim 92, as shown, in order to provide antecedent basis for "premises".

Applicant has amended Claim 112 so as to delete "and", as shown, in order to correct an inadvertent error.

Applicant has amended Claim 115, as shown, in order to provide antecedent basis for "vehicle". Applicant has also amended Claim 115 so as to insert -- the --, as shown, in order to correct an inadvertent error.

Applicant has amended Claim 116, as shown, in order to provide antecedent basis for "vehicle". Applicant has also amended Claim 116 so as to insert -- the --, as shown, in order to correct an inadvertent error.

Applicant has amended Claim 117, as shown, in order to provide antecedent basis for "premises". Applicant has also amended Claim 117 so as to insert -- the --, as shown, in order to correct an inadvertent error.

Applicant has amended Claim 118, as shown, in order to provide antecedent basis for "premises". Applicant has also amended Claim 118 so as to insert -- the --, as shown, in order to correct an inadvertent error.

Applicant has amended Claim 119 so as to insert -- of the vehicle --, as shown, in order to place Claim 119 into a better form. Applicant has also amended Claim 119 so as to insert -- the --, as shown, in order to correct an inadvertent error.

Applicant has amended Claim 120 so as to insert -- of the premises --, as shown, in order to place Claim 120 into a better form. Applicant has also amended Claim 120 so as to insert -- the --, as shown, in order to correct an inadvertent error.

Applicant respectfully submits that the amendments to the Specification do not contain new matter.

Applicant has amended the Specification, at each of the paragraph beginning on Page 87, line 22 and the paragraph beginning on Page 252, line 6, so as to change "t" to -- to --, as shown, in order to correct an inadvertent error in each of the respective paragraphs.

Applicant has also amended the Specification, at the paragraph beginning on Page 274, line 16, so as to replace "vehicle" with -- home --, in each of the instances shown, in order to correct an inadvertent error in the paragraph.

Applicant has also amended the Specification, at the paragraph beginning on Page 290, line 3, so as to replace "home" with -- commercial office and/or premises --, in each of the instances shown, in order to correct an inadvertent error in the paragraph.

Applicant has also amended the Specification, at the paragraph beginning on 296, line 2, so as to replace "vehicle" with -- commercial office and/or premises --, in

each of the instances shown, in order to correct an inadvertent error in the paragraph.

Applicant has also amended the Specification, at the paragraph beginning on Page 298, line 1, so as to insert -- office and/or premises -- after "commercial", as shown, in order to correct an inadvertent error in the paragraph.


Applicant respectfully submits that the above amendments to the Claims and to the Specification do not contain new matter.

Applicant submits that the above amendments to the Claims were not made for purposes related to patentability. Applicant further submits that the above amendments to the Specification were not made for purposes related to patentability.

Entry of this Fourth Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

A Fee Transmittal Sheet, along with a check in the amount of \$1,350.00, for payment for one hundred and fifty (150) additional dependent claims, is submitted herewith.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encls. - Fee Transmittal Sheet (in duplicate)
- Check for \$1,350.00 for payment for one hundred and fifty (150) additional dependent claims

January 31, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

| | | | |
|--------------------------|--------------------------------------|--|--|
| Interview Summary | Application No. 09/551,365 | Applicant(s) JOAO, RAYMOND ANTHONY | |
| | Examiner Van T Trieu | Art Unit 2632 | |

All participants (applicant, applicant's representative, PTO personnel):

(1) Van T Trieu. (3) _____

(2) Mr. Raymond Joao. (4) _____

Date of Interview: 31 January 2002

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description:

Claim(s) discussed: all the independent claims.

Identification of prior art discussed: US 6226,389; US 5,983,161; US 5,144,661 and US 5,483,517.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: All of the independent claims are allowable over the prior art of record. Applicant files a fourth preliminary Amendment with new dependent claims.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.



Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | |
|---|------|--------------------------|---------------------|-------|
| FEE TRANSMITTAL | | <i>Complete if Known</i> | | |
| for FY 2002 | | Application Number | 09/551,365 | |
| <small>Patent fees are subject to annual revision.</small> | | Filing Date | APRIL 17, 2000 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | First Named Inventor | RAYMOND A. JOAO | |
| | | Examiner Name | V. TRIEU | |
| | | Group Art Unit | 2632 | |
| TOTAL AMOUNT OF PAYMENT | (\$) | 1,350.00 | Attorney Docket No. | RJ315 |

| METHOD OF PAYMENT (check all that apply) | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------|---|----------------------------|----------------------------|----------------------------|-----------------|----------|--------------------|----------|-------------------------------------|---------|-------------------|--------|--|---------|------------------|---------|----------------------------|----------------------------|--------------------|-----------|--|--------|------------------------|----------|--|--------|-----------------------------------|------------|---|---------|---------------------------------------|--------|--|--------|--|---------|---|-------|--|---------|--|--|-----------|---------|---|--|-----------|---------|--|--|---------|---------|------------------|--|---------|---------|--|--|---------|---------|--------------------------|--|-----------|-----------|---|--|---------|--------|----------------------------------|--|-----------|---------|------------------------------------|--|-----------|---------|--------------------------------|--|---------|---------|------------------|--|---------|---------|-----------------|--|---------|---------|-------------------------------|--|--------|--------|-------------------------------------|--|---------|---------|---|--|--------|--------|--|--|---------|---------|---|--|---------|---------|--|--|---------|---------|---|--|---------|---------|---|--|
| <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number: _____ Deposit Account Name: _____ | | 3. ADDITIONAL FEES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td></td></tr> <tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116 400</td><td>216 200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117 920</td><td>217 460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118 1,440</td><td>218 720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128 1,960</td><td>228 980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119 320</td><td>219 160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120 320</td><td>220 160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121 280</td><td>221 140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141 1,280</td><td>241 640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142 1,280</td><td>242 640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143 460</td><td>243 230</td><td>Design issue fee</td><td></td></tr> <tr><td>144 620</td><td>244 310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123 50</td><td>123 50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126 180</td><td>126 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146 740</td><td>246 370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149 740</td><td>249 370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179 740</td><td>279 370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169 900</td><td>169 900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> | | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 105 130 | 205 65 | Surcharge - late filing fee or oath | | 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | | 139 130 | 139 130 | Non-English specification | | 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | | 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | | 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | | 115 110 | 215 55 | Extension for reply within first month | | 116 400 | 216 200 | Extension for reply within second month | | 117 920 | 217 460 | Extension for reply within third month | | 118 1,440 | 218 720 | Extension for reply within fourth month | | 128 1,960 | 228 980 | Extension for reply within fifth month | | 119 320 | 219 160 | Notice of Appeal | | 120 320 | 220 160 | Filing a brief in support of an appeal | | 121 280 | 221 140 | Request for oral hearing | | 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | | 140 110 | 240 55 | Petition to revive - unavoidable | | 141 1,280 | 241 640 | Petition to revive - unintentional | | 142 1,280 | 242 640 | Utility issue fee (or reissue) | | 143 460 | 243 230 | Design issue fee | | 144 620 | 244 310 | Plant issue fee | | 122 130 | 122 130 | Petitions to the Commissioner | | 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | | 126 180 | 126 180 | Submission of Information Disclosure Stmt | | 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | | 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | 179 740 | 279 370 | Request for Continued Examination (RCE) | | 169 900 | 169 900 | Request for expedited examination of a design application | |
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 130 | 205 65 | Surcharge - late filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 130 | 139 130 | Non-English specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 110 | 215 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 400 | 216 200 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 920 | 217 460 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 1,440 | 218 720 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 1,960 | 228 980 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 320 | 219 160 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 320 | 220 160 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 280 | 221 140 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 110 | 240 55 | Petition to revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 1,280 | 241 640 | Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 1,280 | 242 640 | Utility issue fee (or reissue) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 460 | 243 230 | Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 620 | 244 310 | Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 130 | 122 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 180 | 126 180 | Submission of Information Disclosure Stmt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 740 | 279 370 | Request for Continued Examination (RCE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 900 | 169 900 | Request for expedited examination of a design application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEE CALCULATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101 740</td><td>201 370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106 330</td><td>206 165</td><td>Design filing fee</td><td></td></tr> <tr><td>107 510</td><td>207 255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108 740</td><td>208 370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114 160</td><td>214 80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> SUBTOTAL (1) (\$) _____ | | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 101 740 | 201 370 | Utility filing fee | | 106 330 | 206 165 | Design filing fee | | 107 510 | 207 255 | Plant filing fee | | 108 740 | 208 370 | Reissue filing fee | | 114 160 | 214 80 | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 740 | 201 370 | Utility filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 330 | 206 165 | Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 510 | 207 255 | Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 740 | 208 370 | Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 160 | 214 80 | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Claims Independent Claims</td> <td>218</td> <td>Extra Claims below</td> <td>150</td> <td>Fee from below</td> <td>9.00</td> <td>Fee Paid</td> <td>1,350.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103 18</td><td>203 9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102 84</td><td>202 42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104 280</td><td>204 140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109 84</td><td>209 42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110 18</td><td>210 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> SUBTOTAL (2) (\$) 1,350.00 | | Total Claims Independent Claims | 218 | Extra Claims below | 150 | Fee from below | 9.00 | Fee Paid | 1,350.00 | Multiple Dependent | | | | | | | | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 103 18 | 203 9 | Claims in excess of 20 | | 102 84 | 202 42 | Independent claims in excess of 3 | | 104 280 | 204 140 | Multiple dependent claim, if not paid | | 109 84 | 209 42 | ** Reissue independent claims over original patent | | 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Claims Independent Claims | 218 | Extra Claims below | 150 | Fee from below | 9.00 | Fee Paid | 1,350.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Dependent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 18 | 203 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 84 | 202 42 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 280 | 204 140 | Multiple dependent claim, if not paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 84 | 209 42 | ** Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above | | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


| | | | |
|---------------------|------------------------|-----------------------------------|--------------|
| SUBMITTED BY | | <i>Complete (if applicable)</i> | |
| Name (Print/Type) | RAYMOND A. JOAO | Registration No. (Attorney/Agent) | 35,907 |
| Signature | <i>Raymond A. Joao</i> | Telephone | 914-969-2992 |
| | | Date | 1/31/02 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

I hereby certify that this correspondence is being hand delivered to Examining Group 2600 on January 15, 2002.


Raymond A. Joao

#34

1-17-02

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO. : 09/551,365

FILED : APRIL 17, 2000

FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS
AND METHOD

EXAMINER : V. Trieu GROUP : 2632

RECEIVED

JAN 15 2002

Technology Center 2600

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

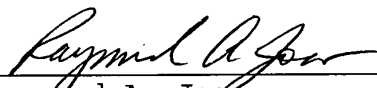
Pursuant to 37 C.F.R. §1.97 and §1.98, Applicant respectfully requests that the document listed on the attached INFORMATION DISCLOSURE STATEMENT BY APPLICANT form (Substitute for form 1449A/PTO) be made of record and be considered in connection with the examination of this application.

A copy of the cited reference is submitted herewith.

No fee is due with this Information Disclosure Statement as it is being filed before the mailing of a first Office Action on the merits in the above-identified continued examination application.

Entry of this Information Disclosure Statement is respectfully requested.

Respectfully Submitted,

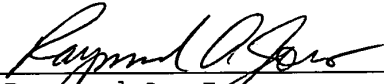

Raymond A. Joao
Reg. No. 35,907

Encls.: - INFORMATION DISCLOSURE STATEMENT BY APPLICANT form
(Substitute for form 1449A/PTO)
- Copy of one (1) cited reference

January 15, 2002
122 Bellevue Place
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(914) 969-2992

I hereby certify that this correspondence is being hand delivered to Examining Group 2600 on January 15, 2002.

#35
M. Hall


Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SERIAL NO. : 09/551,365
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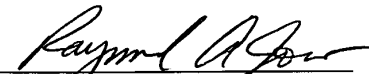
COMMUNICATION

Sir:

Applicant hereby notifies the Examiner of the existence of co-pending U.S. Patent Application Serial No. 09/933,105, filed August 20, 2001, which application claims the benefit of the priority of the above-identified application. Applicant has transmitted herewith a copy of the claims which

are currently pending in U.S. Patent Application Serial No.
09/933,105 for the Examiner's convenience.

Respectfully Submitted,


Raymond A. Joao
Reg. No. 35,907

Encl.: Claims of U.S. Patent Application Serial No.
09/933,105 (6 pages)

January 15, 2002

Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

CLAIMS

What Is Claimed Is:

1. A control apparatus, comprising:

a first control device for controlling at least one of a vehicle, a premises, a vehicle at least one of system, equipment system, subsystem, device, component and appliance, and a premises at least one of system, equipment system, subsystem, device, component and appliance, wherein said first control device is located remote from the at least one of vehicle and premises;

wherein said first control device transmits a first signal to a second control device, wherein the second control device is located at a location which is remote from said first control device and remote from the at least one of vehicle and premises, and wherein said second control device generates a second signal in response to said first signal, and further wherein said second control device transmits said second signal to a third control device, wherein the third control device is located at the at least one of vehicle and premises, wherein the third control

device generates a third signal in response to the second signal, and further wherein said third signal at least one of activates, deactivates, enables, and disables, said at least one of a vehicle, a premises, a vehicle at least one of system, equipment system, subsystem, device, component and appliance, and a premises at least one of system, equipment system, subsystem, device, component and appliance.

2. The apparatus of claim 1, further comprising:

a monitoring device for monitoring at least one of the vehicle, the premises, the vehicle operational status, the vehicle operation, the premises operational status, the premises operation, at least one of a vehicle and a premises at least one of system, equipment system, subsystem, device, component, and appliance, at least one of a vehicle and a premises at least one of fuel supply, water supply, coolant supply, one of electrical generator and alternator operation, battery charge level, fuel cell output, fuel cell fuel supply, fuel cell operation, engine temperature level, one of an electrical circuit and an electrical device, activity inside the one of vehicle and premises, and activity outside the at least one of vehicle and premises.

3. The apparatus of claim 1, further comprising:

a positioning device for determining location of the at least one of vehicle and premises, wherein said positioning device provides the location of the at least one of vehicle and premises on a digitized map.

4. The apparatus of claim 1, further comprising:

at least one of a camera and a video recording device for providing video conferencing with an individual located at least one of inside, outside, and at, the at least one of vehicle and premises.

5. The apparatus of claim 1, wherein said first control device detects at least one of a vehicle use, an unauthorized use of the vehicle, and a theft of the vehicle, a premises use, an unauthorized use of the premises, and a theft of the premises.

6. The apparatus of claim 1, wherein said first control device is at least one of a stationary device, a hand-held device, a mobile device, a telephone, a digital

telephone, a cordless telephone, a cellular telephone, a wireless telephone, a computer, a personal computer, a personal digital assistant, a television, an interactive television, a digital television, a personal communications device, a personal communications services device, a display telephone, a video telephone, a watch, a beeper, and a pager.

7. The apparatus of claim 1, further comprising:

at least one of a microphone and an audio recording device for providing conferencing with an individual located at least one of inside, outside, and at, the at least one of vehicle and premises.

8. The apparatus of claim 4, wherein said at least one of a camera and a video recording device is at least one of mounted on and moveable along a guiding device.

9. The apparatus of claim 7, wherein said at least one of a microphone and an audio recording device is at least one of mounted on and moveable along a guiding device.

10. The apparatus of claim 1, wherein said first

control device at least one of receives and processes diagnostic at least one of data and information at least one of from and regarding said at least one of a vehicle, a premises, a vehicle at least one of system, equipment system, subsystem, device, component and appliance, and a premises at least one of system, equipment system, subsystem, device, component and appliance.

11. A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device and the second control device are located remote from each other and remote from at least one of a vehicle and a premises;

generating a second signal at the second control device, wherein said second signal is generated in response to said first signal;

transmitting said second signal from the second control device to a third control device;

generating a third signal by the third control device in response to said second signal; and

at least one of activating, deactivating, enabling, and disabling, at least one of a vehicle, a premises, a vehicle at least one of system, equipment system, subsystem, device, component and appliance, and a premises at least one of system, equipment system, subsystem, device, component and appliance, in response to said third signal.



Official #33^{ys}
PreAmend I

I hereby certify that this correspondence is being transmitted via facsimile transmission to Examiner V. Trieu in Group 2600 at (703) 872-9314 on December 19, 2001. 12-26-01

Raymond A. Joao
Raymond A. Joao

RJ315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO. : 09/551,365
FILED : APRIL 17, 2000
FOR : CONTROL, MONITORING AND/OR SECURITY APPARATUS AND METHOD
EXAMINER : V. TRIEU
GROUP : 2632

Assistant Commissioner For Patents
Washington, D.C. 20231

THIRD PRELIMINARY AMENDMENT

Sir:

This is a Third Preliminary Amendment in the above-identified application. Entry of this Third Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

1219-01
SEARCHED

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120 as follows:

Sub 52

33. (Thrice Amended) A control method, comprising:

at least one of monitoring and detecting an event regarding at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, at the vehicle; and

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at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the vehicle,

wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a

second signal and transmits a second signal to a communication device associated with an individual, wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

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46. (Thrice Amended) A control method, comprising:

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at least one of monitoring and detecting an event regarding at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, at the premises; and

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at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the premises,

wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual, wherein the communication device is located remote from the second control device, and further wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

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47. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal,

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wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

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52. (Thrice Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the

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vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

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67. (Four Times Amended) A control apparatus, comprising:

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a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains information regarding the event, and further wherein the second control device is located at a location which is remote from the vehicle, wherein the second control device automatically receives the first signal from the first control device, and

further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual,

wherein the communication device is located remote from the second control device, and further wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

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cont

68. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains

information regarding the event, and wherein the second control device is located at a location which is remote from the premises, wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual,

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wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the event.

9/15 91. (Four Times Amended) A control apparatus, comprising:

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a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises

device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device,

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cont*

wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

92. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at a location remote from the premises,

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wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control

device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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112. (Four Times Amended) A control method, comprising:

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transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a premises, and further wherein the first signal is automatically received by the second control device;

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transmitting a second signal from the second control device to a third control device, wherein the third control device is located at the vehicle or the premises, and further

wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

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115. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at

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least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at the vehicle,

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wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least

one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

116. (Amended) A control apparatus, comprising:

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a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second

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control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance,

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wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

117. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at the premises,

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wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further

wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

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118. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the

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premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

119. (Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and further wherein the first signal is automatically received by the second control device;

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transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further

wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

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at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, and a vehicle appliance.

120. (Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance, wherein the third control device is located at the premises, and further wherein the second control device is located at a location remote from the premises, and further wherein the second signal is automatically received by the third control device;

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at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, and a premises appliance.

MARKED-UP VERSION OF THE CLAIMS:

33. (Thrice Amended) A control method, comprising:

at least one of monitoring and detecting an event regarding at least one of [a vehicle,] a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, at the vehicle; and

at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the vehicle,

wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual, wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second

signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the [occurrence of the] event.

46. (Thrice Amended) A control method, comprising:

at least one of monitoring and detecting an event regarding at least one of [a premises,] a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance, at the premises; and

at least one of generating a first signal with a first control device and transmitting a first signal from a first control device to a second control device, wherein the first signal contains information regarding the event, and wherein the second control device is located at a location which is remote from the premises,

wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication

device associated with an individual, wherein the communication device is located remote from the second control device, and further wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the [occurrence of the] event.

47. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, [and a vehicle,] wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and

transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal,

wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

62. (Thrice Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle

equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, [and a vehicle,] wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-

enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance[, and a vehicle].

67. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of [a vehicle,] a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains information regarding the event, and further wherein the second control device is located at a location which is remote from the vehicle, wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of

generates a second signal and transmits a second signal to a communication device associated with an individual,

wherein the communication device is located remote from the second control device, and further wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the [occurrence of the] event.

68. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of monitors and detects an event regarding at least one of [a premises,] a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance, wherein the first control device is located at the premises,

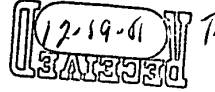
wherein the first control device at least one of generates a first signal and transmits a first signal to a second control device, wherein the first signal contains information regarding the event, and wherein the second control

device is located at a location which is remote from the premises, wherein the second control device automatically receives the first signal from the first control device, and further wherein the second control device at least one of generates a second signal and transmits a second signal to a communication device associated with an individual,

wherein the communication device is located remote from the second control device, wherein the communication device automatically receives the second signal from the second control device, and further wherein the communication device generates a third signal, wherein the third signal provides information regarding the [occurrence of the] event.

91. (Four Times Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a



premises appliance, [and a premises,] wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, wherein the second signal is automatically received by the first control device, and further wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device,

wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

92. (Four Times Amended) A control apparatus,
comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance, [and a premises,] wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control

device, wherein the first signal controls a third control device, wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance[, and a premises].

112. (Four Times Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle or a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control

device is located at the vehicle or the premises, and further wherein the second control device is located at a location remote from the vehicle or the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle or the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of [the vehicle,] a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, [the premises,] a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance.

115. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, [and a vehicle,] wherein the first control device is located at the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the vehicle, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the vehicle and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

116. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, [and a vehicle,] wherein the first control device is located at a location remote from the vehicle,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the vehicle,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the vehicle, and further wherein the third control device at least

one of generates a third signal and transmits a third signal for at least one of activating, [deactivating] de-activating, disabling, and re-enabling, the at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance[, and a vehicle].

117. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance[, and a premises], wherein the first control device is located at the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the premises, wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device,

wherein the second control device at least one of generates the second signal and transmits the second signal in response to a third signal, wherein the third signal is at least one of generated by a third control device and transmitted from a third control device, wherein the third control device is located at a location which is remote from the premises and remote from the second control device, wherein the third signal is transmitted from the third control device to the second control device, and further wherein the third signal is automatically received by the second control device.

118. (Amended) A control apparatus, comprising:

a first control device, wherein the first control device at least one of generates a first signal and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance, [and a premises,] wherein the first control device is located at a location remote from the premises,

wherein the first control device at least one of generates the first signal and transmits the first signal in response to a second signal, wherein the second signal is at least one of generated by a second control device and transmitted from a second control device, wherein the second control device is located at a location which is remote from the first control device and remote from the premises,

wherein the second signal is transmitted from the second control device to the first control device, and further wherein the second signal is automatically received by the first control device, wherein the first signal controls a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a

premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance,

wherein the first signal is transmitted from the first control device to the third control device, and further wherein the first signal is automatically received by the third control device, wherein the third control device is located at the premises, and further wherein the third control device at least one of generates a third signal and transmits a third signal for at least one of activating, de-activating, disabling, and re-enabling, the at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance[, and a premises].

119. (Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a vehicle, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance, wherein the third control device is located at the vehicle, and further wherein the second control device is located at a location remote from the vehicle, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at the vehicle, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of [the vehicle,] a vehicle system, a vehicle equipment system, a vehicle component, a vehicle device, a vehicle equipment, [a vehicle subsystem,] and a vehicle appliance.

120. (Amended) A control method, comprising:

transmitting a first signal from a first control device to a second control device, wherein the first control device is located at a location remote from the second control device and remote from a premises, and further wherein the first signal is automatically received by the second control device;

transmitting a second signal from the second control device to a third control device, wherein the third control device is capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance, wherein the third control device is located at the premises, and further wherein the second control device is located at a location remote from the premises, and further wherein the second signal is automatically received by the third control device;

at least one of generating a third signal with the third control device and transmitting a third signal from the third control device, wherein the third control device is located at

the premises, and further wherein the third signal is at least one of generated and transmitted in response to the second signal; and

at least one of activating, de-activating, disabling, and re-enabling, at least one of [the premises,] a premises system, a premises equipment system, a premises component, a premises device, a premises equipment, [a premises subsystem,] and a premises appliance.

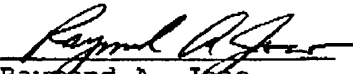
REMARKS

This is a Third Preliminary Amendment in the above-identified application. Entry of this Third Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested. By this Third Preliminary Amendment, Applicant has amended Claims 33, 46, 47, 62, 67, 68, 91, 92, 112 and 115-120.

Applicant respectfully submits that the above amendments to the claims do not contain new matter. Applicant submits that the above amendments to the claims were not made for purposes related to patentability.

Entry of this Third Preliminary Amendment, before any Official Action is taken in this case, is respectfully requested.

Respectfully Submitted,


Raymond A. Joao
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December 19, 2001

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12/19

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PAGE 01

#33

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FAX COVER SHEET: FAX 1 of 3

To: Examiner V. Trieu
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703-308-5220

From: Raymond A. Joao, Esq.

Date: December 19, 2001

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