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EX PARTE REEXAMINATION COMMUNICATION TRANSMITTAL FORM

REEXAMINATION CONTROL NO. 90/013,301.

PATENT NO. 6549130.

ART UNIT 3992.

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified *ex parte* reexamination proceeding (37 CFR 1.550(f)).

Where this copy is supplied after the reply by requester, 37 CFR 1.535, or the time for filing a reply has passed, no submission on behalf of the *ex parte* reexamination requester will be acknowledged or considered (37 CFR 1.550(g)).

EX PARTE REEXAMINATION

FINAL OFFICE ACTION

Pertinent Prosecution History

A request for *ex parte* reexamination of the patent number 6,549,130 (“130 Patent”) was filed by a third party requester (“Requester”) on July 21, 2014, assigned control number 90/013,301 (“ ‘301 Request”).

In response to the ‘301 Request, the Office mailed an “Order Granting Reexamination Request” on September 17, 2014 (“2014 ‘130 Order”). In the 2014 ‘130 Order, the Office indicated that claim 48 was subject to the instant reexamination.

A non-final office action (“2015 Non-Final Office Action”) followed the 2014 ‘130 Order after two-month waiting period for the Patent Owner’s statement under 35 USC 304.

Expired Patent

The Patent Owner is reminded that because the ‘130 Patent which is being reexamined is expired, amendments to the claims, except cancellation of the claims, are not allowed.

Status of the Claims

Claim 48 is pending for consideration.

Prior Art

Claim 48 of the ‘130 Patent is reexamined based on the following references:

U.S. Patent 5,070,320 to Ramono (“Ramono”).

U.S. Patent 5,113,427 to Ryoichi et al. (“Ryoichi”).

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U.S. Patent 5,276,728 to Pagliaroli et al. (“Pagliaroli”).

U.S. Patent 5,081,667 to Drori et al. (“Drori”).

U.S. Patent 5,103,221 to Memmola. (“Memmola”).

Statutes

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(c) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(d) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the

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reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained through the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim Rejections and Comments

Issue 1:

Claim 48 is rejected under 35 USC 102(b) as being anticipated by Ramono.

The rejection below is the same as the proposed rejection by the Requester at pages 14-18 in the request for reexamination and at pages A1-A3 in the Appendix submitted with the request for reexamination which are incorporated herein by reference.

A control apparatus (Ramono discloses “[i]n addition, my invention contemplates the use of coded radio frequency signals, such as conventionally used in residential garage door openers for examples., to control activation/deactivation of a distress alarm in a moving vehicle.” Col. 2, lines 8-15), **comprising:**

(Ramono discloses the use of a chain of three control devices, *e.g.*, a vehicle alarm system (a first control device located at a vehicle), a fixed area alarm unit 14 (a second

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control device located remote from the vehicle), and a remote alarm initiator 12 (a third control device located remote from the second control device and remote from the vehicle), sending control signals from one device to the next, culminating in the activation (or deactivation) of a vehicle system, *e.g.*, initiating an alarm, flashing exterior lights, resetting the alarm, etc. For example, the vehicle alarm unit functioned as the first control device can generate a signal in response to a signal from the fixed area alarm unit 14 to flash the exterior vehicle lights.)

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 component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, of a vehicle wherein the first control device at least one of generates 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 component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, wherein the first control device is located at the vehicle, and further wherein the first control device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second control device, (Fig. 8 of Ramono shows a vehicle alarm unit functioned as a first control device. Ramono discloses “[t]he vehicle alarm unit, as shown in FIG. 8, is intended to be installed in any vehicle such that when the corresponding remote alarm initiator unit initiates an alarm to a fixed area alarm unit within range of the automobile, the fixed area alarm unit can signal the vehicle unit to signal, for example by flashing the exterior vehicle lights, until reset. The fixed area alarm unit can reset the

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vehicle alarm unit after a time delay, such as 15 minutes for example, which should be sufficient time for security or police to arrive on the scene.” Col. 10, line 67 – col. 11, line 8. Ramono further discloses “[a]n actuating signal received by an antenna 152 is demodulated by a receiver 154. The demodulated signal is interpreted by decode modules 156 and 158. The alarm trigger decode module 156 compares the coded transmission to the code set in a code select module 160. If it is a valid alarm code, decode module 156 energizes a relay coil 162 to cause normally open contact 164 to close and supply the power to the vehicle horn or a siren 166...” Col. 11, line 48 to 56. Ramono also discloses “[i]f a fixed area alarm unit 14 receives a signal from a remote alarm initiator 12, and shortly thereafter receives a properly coded alarm signal from the same, it can be operative to transmit a signal that will be received by a vehicle alarm system.” Col. 10, lines 4 to 8).

wherein the second control device is located at a location which is remote from the vehicle, and 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, (Ramono discloses fixed area alarm 14 functioned as a second control device: “[f]ixed area alarm 14 may be mounted to existing utility poles or other elevated structures.” Col. 4, lines 13 to 14. Ramono further discloses “[i]f a fixed area alarm unit 14 receives a signal from a remote alarm initiator 12, and shortly thereafter receives a properly coded alarm signal from the same, it can be operative to transmit a signal that will be received by a vehicle alarm system.” Col. 10, lines 4 to 8. Ramono also discloses, “The fixed area alarm of FIG. 7 includes a jumper 136 by which the vehicle alarm feature is activated. When the modified fixed area alarm unit receives a signal from a remote alarm initiator 12, timer 134 will cause a

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limited duration retransmission of a signal back to the remote alarm initiator for code identification as above described. However, the code identification signal is also fed to a logic/timer module 138. If a valid alarm code is received from the remote initiator 12 immediately after this code identification check, the logic/timer 138 will cause encoder 108 to encode a signal from code selection module 126, which signal is then fed to transmitter 128 for transmission of the preset code via antenna 130. This transmission will consist of short time duration coded bursts every few seconds, which are transmitted to any auto alarm system in the reception area while still allowing other fixed alarm systems to sense additional alarm initiations.” Col. 10, lines 9-26).

wherein the second control device is responsive to a third signal, wherein the third signal is at least one of generated by 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. (Ramono discloses “[a] portable remote alarm initiator unit 12 is operable outside the dwelling or facility 11, such as by a person walking along a street, visiting in the neighborhood, engaging in yard work or gardening, and the like. Remote initiator 12 preferably is a small, battery powered, hand-held radio transmitter and receiver unit that transmits and receives signals on assigned frequencies. Each remote initiator 12 is individually set to transmit and receive assigned codes. It offers protection for individuals while outside the dwelling or facility 11 by permitting transmission of an alarm code for a pre-set time period directly to a fixed area alarm 14.” Col. 3, lines 27-38).

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Issue 3:

Claim 48 is rejected under 35 USC 102(b) as being anticipated by Ryoichi.

The rejection below is the same as the proposed rejection by the Requester at pages 24-28 in the request for reexamination and at pages A9-A13 in the Appendix submitted with the request for reexamination which are incorporated herein by reference.

A control apparatus, (Ryoichi discloses in the abstract: “The vehicle device control system allows the vehicle device to be remotely controlled through a simple and low-cost arrangement, making it possible for a vehicle radio telephone unit with no reception capability to receive and transmit a signal.”) **comprising:**

(Ryoichi discloses the use of a chain of three control devices, *e.g.*, a personal radio paging unit 9 (a first control device located at a vehicle), a fixed radio station St (a second control device located remote from the vehicle), and a telephone unit TEL (a third control device located remote from the second control device and remote from the vehicle), sending control signals from one device to the next, culminating in the activation (or deactivation) of a vehicle system, *e.g.*, unlocking the doors).

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 component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, of a vehicle, wherein the first control

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device at least one of generates and transmits a first signal for at least one of activating, deactivating, disabling, and re-enabling, 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 first control device is located at the vehicle, and further wherein the first control device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second control device,

(Ryoichi discloses in the abstract, “A radio-signal-responsive vehicle device control system including a receiver unit (9, 41, 74, 100) for receiving a radio signal generated based on a signal transmitted from a calling telephone unit and for generating a detectable signal based on the received radio signal, receiver unit storage structure (8, 91, 102) mounted in a motor vehicle for storing the receiver unit, a detector (D, 42, 73) for producing a detected signal in response to detection of the detectable signal from the receiver unit, a control unit (S, S', 43, 60) responsive to the detected signal from the detector for producing a control signal based on at least the detectable signal, and an actuator (A, F, 52, 56, 46, 68, 75, 517A) for controlling at least one device in the motor vehicle based on the control signal from the control unit.” Ryoichi further discloses “[t]he personal radio paging unit 9 which is employed as a receiver unit in this embodiment generates a calling sound and a message sound when it receives a radio calling signal and a signal such as a message signal following the radio calling signal. More specifically, when the personal radio paging unit 9 receives a radio calling signal and a following message signal, it generates a calling sound and a message sound as signals which can be detected by a detector means comprising a sensor 10 and a code converter 11.” Col. 5, lines 16 to 25. Also Ryoichi discloses “[w]hen the sensor 10 detects a calling sound given off from the personal radio

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paging unit 9, the sensor 10 issues a signal to turn on the code converter 11 and a control unit S serving as a control means, as shown in FIG. 1." Col. 5, lines 32 to 36. Ryoichi further discloses "[i]n response to the calling number, the personal radio paging unit 9 generates a calling sound which is detected by the sensor 10. The sensor 10 then issues an output signal to turn on the power supply of the code converter 11 and the control unit S. Then, the personal radio paging unit 9 generates a sound corresponding to the message signal '000' which is subsequently received. The sensor 10 detects this sound and converts it into an electric signal, and then transmits the electric signal to the code converter 11. The code converter 11 converts the electric signal, representing '000' (decimal notation) into a prescribed operating electric signal, i.e., a four-digit binary digital code signal '0000'. The code signal '0000' is then sent to the control unit S, which then selects and executes a program corresponding to the code signal '0000', i.e., the control program P0 stored in the memory M. As described above, the control program P0 is a program for operating the handbrake under remote control, and is executed to remotely control the handbrake when the driver forgot to pull the handbrake lever 14 or is not certain if he applied the handbrake." Col. 8, lines 1 to 22. Ryoichi discloses "[a]s shown in FIGS. 2 and 3, a motor vehicle or automobile 1 has an engine E, a battery B, and headlights L. The automobile 1 also has a door 2 with a receiver insertion slot 4 defined therein behind a door handle 3 mounted on the outer panel of the door 2. The receiver insertion slot 4 is connected to a guide passage 5 defined in the door 2. The guide passage 5 includes an outer guide passageway 5a and an inner guide passageway 5b between which there is defined a slit 7 for passage of a window glass panel 6 therethrough. The inner guide passageway 5b is connected to a storage box 8 disposed as a receiver storage means on the inner panel of the door 2 which is normally disposed in the

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passenger compartment of the automobile 1. The storage box 8 is angularly movably mounted on the inner panel of the door 2 by means of a hinge 8a. A personal radio paging unit 9 can easily be taken into and out of the storage box 8 by a person in the passenger compartment. When the window panel 6 is lowered into the slit 7, the guide passage 5 is closed by the window glass panel 6. When the window glass panel 6 is lifted, the personal radio paging unit 9 which is inserted from outside through the receiver insertion slot 4 is slid through the guide passage 5 into the storage box 8. Since the slit 7 is of a small width, the inserted personal radio paging unit 9 is smoothly guided through the guide passage 5 without dropping into the slit 7.” Col. 4, line 57 to col. 5, line 15).

wherein the second control device is located at a location which is remote from the vehicle, and 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, (Ryoichi discloses “[t]he personal radio paging unit 9 which is employed as a receiver unit in this embodiment generates a calling sound and a message sound when it receives a radio calling signal and a signal such as a message signal following the radio calling signal. More specifically, when the personal radio paging unit 9 receives a radio calling signal and a following message signal, it generates a calling sound and a message sound as signals which can be detected by a detector means comprising a sensor 10 and a code converter 11.” Col. 5, lines 16 to 25. Ryoichi also discloses “[a] radio wave indicating these calling and message numbers is automatically radiated from a fixed radio station St of a telephone company, and the personal radio paging unit 9 receives the calling number and the following message number ‘000’.” Col. 7, line 64 to col. 8, line 1).

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wherein the second control device is responsive to a third signal, wherein the third signal is at least one of generated by 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. (Ryoichi discloses “[a] calling number is dialed by the pushbuttons of a general wire telephone unit TEL (FIG. 1), and those pushbuttons which represent a code number, e.g., ‘000’ (decimal notation) corresponding to a desired message signal are pushed. A radio wave indicating these calling and message numbers is automatically radiated from a fixed radio station St of a telephone company, and the personal radio paging unit 9 receives the calling number and the following message number ‘000’.” Col. 7, line 60 to col. 8, line 1).

Issue 4:

Claim 48 is rejected under 35 USC 102(e) as being anticipated by Pagliaroli.

The rejection below is the same as the proposed rejection by the Requester at pages 29-33 in the request for reexamination and at pages A14-A19 in the Appendix submitted with the request for reexamination which are incorporated herein by reference.

A control apparatus, (Pagliaroli discloses “[t]he present invention relates to remotely operated system for disabling an automobile, and more particularly to such systems that allow

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either the owner of a vehicle or the police to selectively disable a vehicle after it has been stolen or otherwise misappropriated.” Col. 1, lines 6 to 10) **comprising:**

(Pagliaroli discloses the use of a chain of three control devices, *e.g.*, a control unit 16 (a first control device located at the vehicle), a mobile telephone signal transmitter 46 (a second control device located remote from the vehicle), and a telephone 48 (a third control device located remote from the second control device and remote from the vehicle), sending control signals from one device to the next, culminating in the activation (or deactivation) of a vehicle system, *e.g.*, disabling the engine).

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 component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates 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 component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, wherein the first control device is located at the vehicle, and further wherein the first control device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second control device,

(Pagliaroli disclose “[w]ith the theft sensors 12 in place, a receiver 14, control unit 16, and a means for accessing the control unit 16, such as a keypad 18, are added to the automobile. The control unit 16 is coupled to either the electrical circuits or the electromechanical components that selectively control the operation of the starter 20, ignition system 22 and emergency lights

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24. Optionally, the control unit 16 may also be coupled to an externally visible device such as the lights 26 surrounding the license plate. The controlled activation and deactivation of such electrical circuits and electromechanical components, by a central control unit, is a technology that is well known in the art of automobile anti-theft devices.” Col. 3, lines 50 to 63. Pagliaroli further discloses “[r]eferring to FIG. 2, the details of the control unit 16 are shown. The signal code 40 received by the receiver 14 by either the mobile telephone signal transmitter 46 or the police transmitter 50, is forwarded to the control unit 16. Additionally, an input code 54 may be entered through the keypad 18 within the automobile. The control unit 16 reads both the input code 52 from the receiver 14 and the input code 54 from the keypad 18.” “A memory source 58, such as an integrated memory circuit, is integrally formed as part of the control unit 16. Stored within the memory source 58 is the code for enabling the automobile and a code for disabling the automobile. Both stored codes may be fixed at the time of manufacture or may be programmable utilizing the input variables located on the keypad 18.” “The control unit 16 recalls the enabling and disabling code from the memory source 58 and compares the recalled codes with input code read from the receiver 14 or the keypad 18. If the input code matches the disabling code, disabling signals 60, 62 are sent to the starter 20 and ignition system 22, respectively, stopping the operation of the automobile and preventing the automobile from being restarted. Simultaneously, a control signal 64 is sent to the emergency lights 24 of the automobile, activating the lights and warning surrounding traffic of the disabled nature of the automobile. Optionally, a second control signal 68 may be sent to the license plate lights 26, changing the color or flashing the license plate lights 26 so as to identify to passing police that the disabled automobile is stolen.” Col. 5, lines 29 to 51. Pagliaroli further discloses “[r]egardless, to the

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embodiment of the receiver 14 and the antenna 38, the receiver 14 scans the frequency range of mobile telephone transmissions, which is in the range of 900 MHz. The signal codes 40 received by the receiver 14 are forwarded to the control unit 16.” Col. 4, lines 40 to 44).

wherein the second control device is located at a location which is remote from the vehicle, and 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, (Pagliaroli discloses in the abstract: “When the owner of an automobile finds the vehicle stolen, the owner dials the telephone number corresponding to the disabling code of the automobile. The dialed number causes a signal code to be transmitted from the mobile telephone transmitt[e] network, wherein the signal is received by the stolen automobile.” Pagliaroli discloses “Stated in general terms, the present invention includes a receiver that is activated by theft detection sensors when the automobile is stolen. Once activated the receiver monitors the signal frequency range currently used to transmit mobile telephone communications. Once the owner of the automobile discovers that the automobile has been stolen, the operator dials a predetermined telephone number corresponding to the receiver. The number is then transmitted from the signal towers of the mobile telephone network in use. The receiver receives the transmitted signal and compares it to a disabling code and an enabling code stored within the receiver.” Col. 2, lines 42 to 54. Pagliaroli discloses “[f]irst, the signal code 40 may come from mobile telephone signal transmitter 46 operating in the area of the automobile. Such mobile telephone signal transmitters 46 are now commonplace in populated areas and are easily accessed. Mobile telephone signal transmitters 46 are often parts of larger mobile telephone networks, often called ‘cellular networks’ that transmit signals across thousands of

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square miles and many encompass several states. A signal code 40 is transmitted to the receiver 14 as if the receiver 14 were a common mobile telephone unit. The transmission of a dialed code to a specific mobile telephone being a well-known technology in the art of telecommunications. To transmit the signal code 40, a person, by using any telephone 48, need only dial the phone number of the receiver 14. The local mobile telephone company would transmit the signal code 40, associated with the telephone number dialed, through its network of mobile telephone signal transmitters 46. If the stolen vehicle were in the range of the mobile telephone transmitter network, the receiver 14 would receive the signal code 40.” Col. 4, line 54 to col. 5, line 7).

wherein the second control device is responsive to a third signal, wherein the third signal is at least one of generated by 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. (Pagliaroli discloses “[f]irst, the signal code 40 may come from mobile telephone signal transmitter 46 operating in the area of the automobile. Such mobile telephone signal transmitters 46 are now commonplace in populated areas and are easily accessed. Mobile telephone signal transmitters 46 are often parts of larger mobile telephone networks, often called ‘cellular networks’ that transmit signals across thousands of square miles and many encompass several states. A signal code 40 is transmitted to the receiver 14 as if the receiver 14 were a common mobile telephone unit. The transmission of a dialed code to a specific mobile telephone being a well-known technology in the art of telecommunications. To transmit the signal code 40, a person, by using any telephone 48, need

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only dial the phone number of the receiver 14. The local mobile telephone company would transmit the signal code 40, associated with the telephone number dialed, through its network of mobile telephone signal transmitters 46. If the stolen vehicle were in the range of the mobile telephone transmitter network, the receiver 14 would receive the signal code 40.” Col. 4, line 54 to col. 5, line 7).

Additional Issues:

The Requester further proposed to reject claim 48 as being obvious under 35 USC 103(a) over (i) Drori in view of Ramono, (ii) Drori in view of Ryoichi, (iii) Drori in view of Pagliaroli, (iv) Memmola in view of Ramono, (v) Memmola in view of Ryoichi, (vi) Memmola in view of Pagliaroli. These rejections are cumulative to the above rejections and are unnecessary. Thus, they are not adopted.

Response to Arguments

Response of 3/18/15:

Patent Owner’s arguments have been fully considered but they are not persuasive.

Issue 1- pages 7-14:

Patent Owner argues the Ramono reference does not disclose the limitations of the claim 48 including at least “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

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one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, of a vehicle, wherein the first control device at least one of generates 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 component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance, wherein the first control device is located at the vehicle”. Patent Owner further states, “[t]here is no intermediate control device at the vehicle in Ramono and, therefore, there is no recited first control device located at the vehicle, in Ramono, which at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, and re-enabling, the vehicle alarm unit or system which is a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, or a vehicle appliance.”

Ramono states “vehicle alarm unit ... is intended to be installed in any vehicle such that when the corresponding remote alarm initiator unit initiates an alarm to a fixed area alarm unit within range of the automobile, the fixed area alarm unit can signal the vehicle unit to signal, for example by flashing the exterior vehicle lights” (Ramono: column 10, line 67 to column 11, line 8), which not only indicates the first control unit, but also the third and second control units. The cited passage discusses a “vehicle alarm unit” (first control device), a “fixed area alarm unit” (second control device, or an intermediate control device), and a “remote alarm unit” (third control device). At least the “exterior vehicle lights” are the claim’s “vehicle component”. Therefore, Patent Owner’s argument is unpersuasive.

Additionally, Patent Owner argues “the vehicle alarm unit or system of Ramono, or any components of same, cannot be and cannot serve as both the ‘first control device’ and the ‘at

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least one of a vehicle system, a vehicle component, a vehicle device, a vehicle equipment, a vehicle equipment system, and a vehicle appliance' of Claim 48." This argument is also not persuasive. As the preceding paragraph makes clear, one element of Ramono is not being cited for two elements of the claim language. Further, the light 146 of Ramono's figure 8 is a status indicator type light to aid in inspections and tampering determinations (Ramono: column 11, lines 23-33). This is not Ramono's external vehicle lights, upon which the claim's "vehicle component" reads. Finally, the ordinary and customary meaning of the claim terminology is being applied. While claim 49 of the patent indicates the "vehicle component" could be an alarm, it also indicates it could be a light system, which is the interpretation that has been applied. The patent does not offer any definition of "first control device" that precludes an alarm system. Nor does Patent Owner even assert this. Therefore, the cited prior art discloses the first control device and related signals. Again, Patent Owner's arguments are not persuasive.

Issue 3- pages 21-26:

Patent Owner's arguments have been fully considered but are not persuasive.

Patent Owner argues the Ryoichi reference does not disclose the limitations of the claim 48 including "at the very least, ...the recited second control device, which is located remote from the vehicle, and the recited second signal of Claim 48 of the '130 Patent." Patent Owner further states, "Ryoichi merely discloses a telephone which transmits a radio signal which, if anything, is merely relayed unchanged to the vehicle by a communication relay system".

It is noted that whether the radio signal is unchanged or not is irrelevant to the claim language, which is silent to changing the transmitted signals. At least Ryoichi's figure 1 shows

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the second control device (element ST). As explained in the corresponding sections of the specification and the request for reexamination, a user/telephone located remotely from the telephone company's radio station (element ST), which is itself remote from the vehicle, can control the vehicle. Therefore, Patent Owner's argument is unpersuasive.

Additionally, Patent Owner argues "the fixed radio station St disclosed in Ryoichi is merely a part of, or a component of, a communication network and, therefore, it cannot be and cannot serve as the second control device of Claim 48". This argument is also not persuasive. The ordinary and customary meaning of the claim terminology is being applied. The patent does not offer any definition of "second control device" that precludes a radio transmission device, such as radio station ST. Patent Owner has only offered vague citations from the instant patent's specification to an apparatus being used with communications systems, yet those citations do not define what the apparatus is. And the citations do not reference the second control device or its relationship to anything, much less whether it is distinct from communications systems. Indeed, the second control device may be one way in which the "apparatus" is used in conjunction with communications systems and/or Patent Owner's citations might be support for the second control device being part of the communications systems. Therefore, the cited prior art discloses the second control device and related signals. Again, Patent Owner's arguments are not persuasive.

Issue 4- pages 26-30:

Patent Owner argues the Pagliaroli reference does not disclose the limitations of the claim 48 including "at the very least, ...the recited second control device which is located remote

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from the vehicle and the recited second signal of Claim 48 of the '130." Patent Owner further states, "Pagliaroli merely discloses a telephone 48 which transmits a signal code 40 which, if anything, is merely relayed unchanged to the control unit 16 of, and located at, the vehicle".

It is noted that whether the signal is unchanged or not is irrelevant to the claim language, which is silent to changing the transmitted signals. As explained in the corresponding sections of the specification and the request for reexamination, at least a user/telephone 48 (claimed third control device) located remotely from mobile telephone transmitters 46 (claimed second control device), which is itself remote from the vehicle, can operate the control unit 16 of the vehicle (claimed first control device. Therefore, Patent Owner's argument is unpersuasive.

Additionally, Patent Owner argues "the mobile telephone signal transmitter 46 disclosed in Pagliaroli is merely a part of, or a component of, a communication network and, therefore, it cannot be and cannot serve as the second control device of Claim 48" This argument is also not persuasive. The ordinary and customary meaning of the claim terminology is being applied. The patent does not offer any definition of "second control device" that precludes mobile telephone transmitters 46 or "cellular networks". Patent Owner has only offered vague citations from the instant patent's specification to an apparatus being used with communications systems, yet those citations do not define what the apparatus is. And the citations do not reference the second control device or its relationship to anything, much less whether it is distinct from the communications systems. Indeed, the second control device may be one way in which the "apparatus" is used in conjunction with communications systems and/or Patent Owner's citations might be support for the second control device being part of the communications systems.

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Therefore, the cited prior art discloses the second control device and related signals. Again, Patent Owner's arguments are not persuasive.

Second Supplemental Response of 05/12/15:

Patent Owner's arguments have been fully considered but are also not persuasive.

First, as made clear previously, the ordinary and customary meaning of the claim language is being applied. At no point has a claim construction "broader than the broadest reasonable interpretation" (Patent Owner's term, pages 2-3) been applied or been indicated as applied.

Second, Patent Owner does not offer an actual definition of "first control device". Instead, Patent Owner offers non-exhaustive embodiments, instances, and examples, i.e. "in at least one exemplary embodiment", "[i]n each and every exemplary instance". The term "first control device" only appears in the abstract and claims and never given an actual definition. Patent Owner's arguments give only examples and no definition. Therefore, the ordinary and customary meaning must be dependent on the words "control" and "device" themselves. Patent Owner says a CPU can be, but not "is" a first control device, i.e. "[t]he 'first control device' of Claim 48, in at least one exemplary embodiment, can, for example, be identified as being the CPU 4". Patent Owner attempts to take cited examples of "vehicle component ... systems" as indicating such components/systems are not control devices. Such citations only demonstrate components that can be vehicle components, and say nothing about whether such components are control devices. There is no express definition of "first control device".

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Third, the citations applied to the claims from Ramono use separate components that are electrically connected, though it is not clear that even this low hurdle is required by the claim language. In Ramono nothing is “broken up” into pieces. Furthermore, as both the cited prior art and Patent Owner’s specification make clear, large components/devices/systems are often composed of other components/devices/systems. Patent Owner provides no reason why the claims cannot read upon these internal components.

Fourth, Patent Owner also does not offer an actual definition of “second control device”. Instead, Patent Owner offers non-exhaustive embodiments, instances, and examples, i.e. “in at least one exemplary embodiment”, “[i]n each and every exemplary instance”. The term “second control device” only appears in the abstract and claims and never to give an actual definition. Patent Owner’s arguments give only examples and no definition. Therefore, the ordinary and customary meaning must be dependent on the words “control” and “device” themselves. Patent Owner suggests specification language such as “*apparatus may also be utilized in conjunction with a computer network*” or “*invention may be utilized in conjunction with any suitable communication device(s)*” indicates the “second control device” cannot be part of a communication system or device. To the contrary the cited specification examples indicate that the second control device may actually be the transmitter or receiver (such as a radio or cellular phone of Ryoichi or Pagliaroli) to enable the “invention” or “apparatus” to work in conjunction with communications systems. Indeed, Patent Owner only bolsters the case that the claim language reads upon the cited prior art. Note, the citations are silent to what the “second control device” actually is and instead recite “apparatus” or “invention”.

For all the preceding reasons, Patent Owner’s arguments are not persuasive.

Finality

THIS ACTION IS MADE FINAL.

A shortened statutory period for response to this action is set to expire 2 MONTHS from the mailing date of this action.

Extensions of time under 37 CFR 1.136(a) do not apply in reexamination proceedings. The provisions of 37 CFR 1.136 apply only to “an applicant” and not to parties in a reexamination proceeding. Further, in 35 U.S.C. 305 and in 37 CFR 1.550(a), it is required that reexamination proceedings “will be conducted with special dispatch within the Office.”

Extensions of time in reexamination proceedings are provided for in 37 CFR 1.550(c). A request for extension of time must specify the requested period of extension and it must be accompanied by the petition fee set forth in 37 CFR 1.17(g). Any request for an extension in a third party requested *ex parte* reexamination must be filed on or before the day on which action by the patent owner is due, and the mere filing of a request will not effect any extension of time. A request for an extension of time in a third party requested *ex parte* reexamination will be granted only for sufficient cause, and for a reasonable time specified. Any request for extension in a patent owner requested *ex parte* reexamination (including reexamination ordered under 35 U.S.C. 257) for up to two months from the time period set in the Office action must be filed no later than two months from the expiration of the time period set in the Office action. A request for an extension in a patent owner requested *ex parte* reexamination for more than two months from the time period set in the Office action must be filed on or before the day on which action by the patent owner is due, and the mere filing of a request for an extension for more than two months will not effect the extension. The time for taking action in a patent owner requested *ex parte* reexamination will not be extended for more than two months from the time period set in the Office action in the absence of sufficient cause or for more than a reasonable time.

The filing of a timely first response to this final rejection will be construed as including a request to extend the shortened statutory period for an additional two months. In no event, however, will the statutory period for response expire later than SIX MONTHS from the mailing date of the final action. See MPEP § 2265.

Conclusion

Extensions of Time

Extensions of time under 37 CFR 1.136(a) will not be permitted in these proceedings because the provisions of 37 CFR 1.136 apply only to “an applicant” and not to parties in a reexamination proceeding. Additionally, 35 U.S.C. 305 requires that reexamination proceedings “will be conducted with special dispatch” (37 CFR 1.550(a)). Extension of time in *ex parte* reexamination proceedings are provided for in 37 CFR 1.550(c).

Notification of Concurrent Proceedings

The patent owner is reminded of the continuing responsibility under 37 CFR 1.565(a), to apprise the Office of any litigation activity, or other prior or concurrent proceeding, involving Patent No. 6,549,130 throughout the course of this reexamination proceeding. The third party requester is also reminded of the ability to similarly apprise the Office of any such activity or proceeding throughout the course of this reexamination proceeding. See MPEP §§ 2207, 2282 and 2286.

Amendment in Reexamination Proceedings

Patent owner is notified that any proposed amendment to the specification and/or claims in this reexamination proceeding must comply with 37 CFR 1.530(d)-(j), must be formally presented pursuant to 37 CFR 1.52(a) and (b), and must contain any fees required by 37 CFR 1.20(c). See MPEP § 2250(IV) for examples to assist in the preparation of proper proposed amendments in reexamination proceedings.

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However see also MPEP 2250, III., i.e. “Pursuant to 1.530(j), '[n]o amendment may be proposed for entry in an expired patent.”

Submissions

In order to insure full consideration of any amendments, affidavits or declarations or other documents as evidence of patentability, such documents must be submitted in response to the first Office action on the merits (which does not result in a close of prosecution).

Submissions after the second Office action on the merits, which is intended to be a final action, will be governed by the requirements of 37 CFR 1.116, after final rejection and by 37 CFR 41.33 after appeal, which will be strictly enforced.

IDS Submissions

Regarding IDS submissions MPEP 2256 recites the following: “Where patents, publications, and other such items of information are submitted by a party (patent owner or requester) in compliance with the requirements of the rules, the requisite degree of consideration to be given to such information will be normally limited by the degree to which the party filing the information citation has explained the content and relevance of the information.”

Accordingly, the IDS submissions have been considered by the Examiner only with the scope required by MPEP 2256.

Citations were lined through where the corresponding reference/publication did not appear to be provided on the submitted CD, i.e. publication not provided or the IDS citation

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provided did not appear to correspond to any of the publication “names” provided on the submitted CD.

Service of Papers

After filing of a request for *ex parte* reexamination by a third party requester, any document filed by either the patent owner or the third party requester must be served on the other party (or parties where two or more third party requester proceedings are merged) in the reexamination proceeding in the manner provided in 37 CFR 1.248. The document must reflect service or the document may be refused consideration by the Office. See 37 CFR 1.550(f).

Notice Regarding Patent Owner’s Correspondence Address

Effective May 16, 2007, 37 CFR 1.33(c) has been revised to provide that:

The patent owner’s correspondence address for all communications in an *ex parte* reexamination or an *inter partes* reexamination is designated as the correspondence address of the patent.

Revisions and Technical Corrections Affecting Requirements for Ex Parte and Inter Partes Reexamination, 72 FR 18892 (April 16, 2007)(Final Rule)

The correspondence address for any pending reexamination proceeding not having the same correspondence address as that of the patent is, by way of this revision to 37 CFR 1.33(c), automatically changed to that of the patent file as of the effective date.

This change is effective for any reexamination proceeding which is pending before the Office as of May 16, 2007, including the present reexamination proceeding, and to any reexamination proceeding which is filed after that date.

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Parties are to take this change into account when filing papers, and direct communications accordingly.

In the event the patent owner's correspondence address listed in the papers (record) for the present proceeding is different from the correspondence address of the patent, it is strongly encouraged that the patent owner affirmatively file a Notification of Change of Correspondence Address in the reexamination proceeding and/or the patent (depending on which address patent owner desires), to conform the address of the proceeding with that of the patent and to clarify the record as to which address should be used for correspondence.

Correspondence

All correspondence relating to this ex parte reexamination proceeding should be directed:

By Mail to: Mail Stop *Ex Parte* Reexam
 Central Reexamination Unit
 Commissioner for Patents
 United States Patent & Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

By FAX to: (571) 273-9900
 Central Reexamination Unit

By hand: Customer Service Window
 Randolph Building
 401 Dulany Street
 Alexandria, VA 22314

Registered users of EFS-Web may alternatively submit such correspondence via the electronic filing system EFS-Web, at <https://efs.uspto.gov/efile/myportal/efs-registered>. EFS-Web offers the benefit of quick submission to the particular area of the Office that needs to act

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on the correspondence. Also, EFS-Web submissions are “soft scanned” (i.e., electronically uploaded) directly into the official file for the reexamination proceeding, which offers parties the opportunity to review the content of their submissions after the "soft scanning" process is complete.

Any inquiry concerning this communication should be directed to the Central Reexamination Unit at telephone number 571-272-7705.

Other useful telephone numbers:

Reexamination Practice (571) 272-7703

Signed:

/Karin Reichle/

Primary Examiner, Art Unit 3992

Conferees:

/WILLIAM H WOOD/

Primary Examiner, Art Unit 3992

/Woo H. Choi/

SPRS, Art Unit 3992

Office Action in Ex Parte Reexamination	Control No. 90/013,301	Patent Under Reexamination 6549130	
	Examiner Karin Reichle	Art Unit 3992	AIA (First Inventor to File) Status No

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

- a. Responsive to the communication(s) filed on 3/8/2015 and 5/12/2015 .
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- b. This action is made FINAL.
- c. A statement under 37 CFR 1.530 has not been received from the patent owner.

A shortened statutory period for response to this action is set to expire 2 month(s) from the mailing date of this letter. Failure to respond within the period for response will result in termination of the proceeding and issuance of an *ex parte* reexamination certificate in accordance with this action. 37 CFR 1.550(d). **EXTENSIONS OF TIME ARE GOVERNED BY 37 CFR 1.550(c)**. If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 3. <input type="checkbox"/> Interview Summary, PTO-474. |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statement, PTO/SB/08. | 4. <input type="checkbox"/> _____. |

Part II SUMMARY OF ACTION

- 1a. Claims 48 are subject to reexamination.
- 1b. Claims 1-47,49-149 are not subject to reexamination.
2. Claims _____ have been canceled in the present reexamination proceeding.
3. Claims _____ are patentable and/or confirmed.
4. Claims 48 are rejected.
5. Claims _____ are objected to.
6. The drawings, filed on _____ are acceptable.
7. The proposed drawing correction, filed on _____ has been (7a) approved (7b) disapproved.
8. Acknowledgment is made of the priority claim under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some* c) None of the certified copies have
1 been received.
2 not been received.
3 been filed in Application No. _____ .
4 been filed in reexamination Control No. _____ .
5 been received by the International Bureau in PCT application No. _____ .
* See the attached detailed Office action for a list of the certified copies not received.
9. Since the proceeding appears to be in condition for issuance of an *ex parte* reexamination certificate except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte* Quayle, 1935 C.D. 11, 453 O.G. 213.
10. Other: _____

cc: Requester (if third party requester)

Notice of References Cited	Application/Control No. 90/013,301	Applicant(s)/Patent Under Reexamination 6549130	
	Examiner Karin Reichle	Art Unit 3992	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A US-			
	B US-			
	C US-			
	D US-			
	E US-			
	F US-			
	G US-			
	H US-			
	I US-			
	J US-			
	K US-			
	L US-			
	M US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N				
	O				
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
				Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)	
*	U			US Application Serial No. 08/681,172 filed by Nathan Polish on July 22, 1996, now abandoned.	
*	V			Provisional Application No. 60/014,427 filed DiRienzo on March 28, 1995.	
	W				
	X				

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

PTO/SB/08a (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		Complete if Known	
		Application Number	90/013,301
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. HOUSTEN Reichle
		Attorney Docket Number	REEXAM-6549130
		Sheet	1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,669,288	06-13-1972	YOUNG	
		US- 4,003,045	01-11-1977	STOCKDALE	
		US- 4,050,301	09-27-1977	CUSHING	
		US- 4,064,509	12-20-1977	STOCKDALE	
		US- 4,074,248	02-14-1978	STOCKDALE	
		US- 4,100,543	07-11-1978	STOCKDALE, et al.	
		US- 4,137,429	01-30-1979	STOCKDALE	
		US- 4,137,553	01-30-1979	TOKITSU, et al.	
		US- 4,138,657	02-06-1979	SHAVE	
		US- 4,145,581	03-20-1979	STOCKDALE	
		US- 4,156,235	05-22-1979	STOCKDALE	
		US- 4,156,286	05-22-1979	CONNORS, et al.	
		US- 4,191,948	03-04-1980	STOCKDALE	
		US- 4,201,908	05-06-1980	JOHNSON, et al.	
		US- 4,236,215	11-25-1980	CALLAHAN, et al.	
		US- 4,258,421	03-24-1981	JUHASZ, et al.	
		US- 4,263,945	04-28-1981	VAN NESS	
		US- 4,337,651	07-06-1982	YOSHINO, et al.	
		US- 4,378,574	03-29-1983	STEPHENSON	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	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

Examiner Signature	/Karin Reichle/	Date Considered	05/19/2015
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*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.

This collection of information is required by 37 CFR 1.97 and 1.98. 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 2 hours 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	90/013,301
		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
		Attorney Docket Number	REEXAM-6549130
Sheet	2	of	32

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- 4,409,670	10-11-1983	HERNDON, et al.	
		US- 4,454,583	06-12-1984	SCHNEIDERHAN, et al.	
		US- 4,470,116	09-04-1984	RATCHFORD	
		US- 4,489,387	12-18-1984	LAMB, et al.	
		US- 4,498,075	02-05-1985	GAUDIO	
		US- 4,524,243	06-18-1985	SHAPIRO	
		US- 4,554,584	11-19-1985	ELAM, et al.	
		US- 4,591,823	05-27-1986	HORVAT	
		US- 4,596,988	06-24-1986	WANKA	
		US- 4,602,127	07-22-1986	NEELY, et al.	
		US- 4,604,711	08-05-1986	BENN, et al.	
		US- 4,622,541	11-11-1986	STOCKDALE	
		US- 4,623,320	11-18-1986	KAKIZAKI, et al.	
		US- 4,638,289	01-20-1987	ZOTTNIK	
		US- 4,644,494	02-17-1987	MULLER	
		US- 4,645,872	02-24-1987	PRESSMAN, et al.	
		US- 4,656,585	04-07-1987	STEPHENSON	
		US- 4,660,145	04-21-1987	HANSEN	
		US- 4,671,111	06-09-1987	LEMELSON	

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
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	/Karin Reichle/	Date Considered	05/19/2015
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. 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.

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Sheet	3	of	32

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		Number-Kind Code ² (if known)	MM-DD-YYYY		
		US- 4,673,937	06-16-1987	DAVIS	
		US- 4,677,429	06-30-1987	GLOTZBACH	
		US- 4,682,292	07-21-1987	BUE, et al.	
		US- 4,729,102	03-01-1988	MILLER, JR., et al.	
		US- 4,768,087	08-30-1988	TAUB, et al.	
		US- 4,775,028	10-04-1988	DE HERRING	
		US- 4,785,404	11-15-1988	SIMS, et al.	
		US- 4,833,450	05-23-1989	BUCCOLA, et al.	
		US- 4,835,546	05-30-1989	KELLER	
		US- 4,837,798	06-06-1989	COHEN, et al.	
		US- 4,838,275	06-13-1989	LEE	
		US- 4,841,815	06-27-1989	TAKAHASHI	
		US- 4,853,850	08-01-1989	KRASS, JR., et al.	
		US- 4,860,112	08-22-1989	NICHOLS, et al.	
		US- 4,876,597	10-24-1989	ROY, et al.	
		US- 4,878,175	10-31-1989	NORDEN-PAUL, et al.	
		US- 4,882,579	11-21-1989	SIWIAK	
		US- 4,882,743	11-21-1989	MAHMOUD	
		US- 4,882,746	11-21-1989	SHIMADA	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	/Karin Reichle/	Date Considered	05/19/2015
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	90/013,301
		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
		Attorney Docket Number	REEXAM-6549130
Sheet	4	of	32

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- 4,908,629	03-13-1990	APSELL, et al.	
		US- 4,931,793	06-05-1990	FUHRMANN, et al.	
		US- 4,945,410	07-31-1990	WALLING	
		US- 4,958,454	09-25-1990	CHAN, et al.	
		US- 4,959,713	09-25-1990	MOROTOMI, et al.	
		US- 4,963,995	10-16-1990	LANG	
		US- 4,988,992	01-29-1991	HEITSCHER, et al.	
		US- 4,989,146	01-29-1991	IMAJO	
		US- 5,002,491	03-26-1991	ABRAHAMSON, et al.	
		US- 5,003,317	03-26-1991	GRAY, et al.	
		US- 5,005,126	04-02-1991	HASKIN	
		US- 5,008,840	04-16-1991	DEPIERRO	
		US- 5,031,103	07-09-1991	KAMIMURA, et al.	
		US- 5,056,056	10-08-1991	GUSTIN	
		US- 5,057,932	10-15-1991	LANG	
		US- 5,058,423	10-22-1991	OZAKI, et al.	
		US- 5,065,321	11-12-1991	BEZOS, et al.	
		US- 5,068,656	11-26-1991	SUTHERLAND	
		US- 5,075,527	12-24-1991	IKUMA	

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		US- 5,081,667	01-14-1992	DRORI, et al.	
		US- 5,084,828	01-28-1992	KAUFMAN, et al.	
		US- 5,086,385	02-04-1992	LAUNEY, et al.	
		US- 5,097,253	03-17-1992	ESCHBACH, et al.	
		US- 5,113,427	05-12-1992	RYOICHI, et al.	
		US- 5,115,678	05-26-1992	OZAKI, et al.	
		US- 5,128,874	07-07-1992	BHANU, et al.	
		US- 5,132,992	07-21-1992	YURT, et al.	
		US- 5,133,079	07-21-1992	BALLANTYNE, et al.	
		US- 5,138,649	08-11-1992	KRISBERGH, et al.	
		US- 5,144,661	09-01-1992	SHAMOSH, et al.	
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		US- 5,164,839	11-17-1992	LANG	
		US- 5,173,932	12-22-1992	JOHANSSON, et al.	
		US- 5,189,396	02-23-1993	STOBBE	
		US- 5,192,999	03-09-1993	GRACZYK, et al.	
		US- 5,195,126	03-16-1993	CARRIER, et al.	
		US- 5,206,934	04-27-1993	NAEF, III	
		US- 5,208,756	05-04-1993	SONG	

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Sheet 6 of 32													

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		US- 5,223,844	06-29-1993	MANSELL, et al.	
		US- 5,224,211	06-29-1993	ROE	
		US- 5,239,468	08-24-1993	SEWERSKY, et al.	
		US- 5,239,674	08-24-1993	COMROE, et al.	
		US- 5,247,564	09-21-1993	ZICKER	
		US- 5,253,275	10-12-1993	YURT, et al.	
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		US- 5,262,875	11-16-1993	MINCER, et al.	
		US- 5,276,728	01-04-1994	PAGLIAROLI, et al.	
		US- 5,283,643	02-01-1994	FUJIMOTO	
		US- 5,287,398	02-15-1994	BRIAULT	
		US- 5,303,042	04-12-1994	LEWIS, et al.	
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		US- 5,313,201	05-17-1994	RYAN	
		US- 5,317,323	05-31-1994	KENNEDY, et al.	
		US- 5,318,450	06-07-1994	CARVER	
		US- 5,331,577	07-19-1994	GRIMES	
		US- 5,334,974	08-02-1994	SIMMS, et al.	
		US- 5,347,306	09-13-1994	NITTA	

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Sheet 7 of 32

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Application Number: 90/013,301
 Filing Date: JULY 21, 2014
 First Named Inventor: RAYMOND A. JOAO
 Art Unit: 3992
 Examiner Name: M. NGUYEN
 Attorney Docket Number: REEXAM-6549130

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		US- 5,381,412	01-10-1995	OTANI	
		US- 5,389,935	02-14-1995	DROUVAULT, et al.	
		US- 5,410,343	04-25-1995	CODDINGTON, et al.	
		US- 5,412,708	05-02-1995	KATZ	
		US- 5,418,537	05-23-1995	BIRD	
		US- 5,430,432	07-04-1995	CAMHI, et al.	
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		US- 5,438,517	08-01-1995	SENNOTT, et al.	
		US- 5,440,334	08-08-1995	WALTERS, et al.	
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		US- 5,479,206	12-26-1995	UENO, et al.	
		US- 5,497,419	03-05-1996	HILL	
		US- 5,508,733	04-16-1996	KASSATLY	
		US- 5,508,736	04-16-1996	COOPER	
		US- 5,509,009	04-16-1996	LAYCOCK, et al.	

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		US- 5,510,828	04-23-1996	LUTTERBACH, et al.	
		US- 5,510,832	04-23-1996	GARCIA	
		US- 5,512,902	04-30-1996	GUTHRIE, et al.	
		US- 5,513,244	04-30-1996	JOAO, et al.	
		US- 5,515,043	05-07-1996	BERARD, et al.	
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		US- 5,541,585	07-30-1996	DUHAME, et al.	
		US- 5,544,649	08-13-1996	DAVID, et al.	
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		US- 5,550,738	08-27-1996	BAILEY, et al.	
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		US- 5,568,535	10-22-1996	SHEFFER, et al.	
		US- 5,572,438	11-05-1996	EHLERS, et al.	
		US- 5,577,689	11-26-1996	HARO	
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		US- 5,682,133	10-28-1997	JOHNSON, et al.	
		US- 5,694,335	12-02-1997	HOLLENBERG	
		US- 5,699,276	12-16-1997	ROOS	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			

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		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
		Attorney Docket Number	REEXAM-6549130
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		US- 5,710,970	01-20-1998	WALTERS, et al.	
		US- 5,712,789	01-27-1998	RADICAN	
		US- 5,715,905	02-10-1998	KAMAN	
		US- 5,717,379	02-10-1998	PETERS	
		US- 5,719,771	02-17-1998	BUCK, et al.	
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		US- 5,729,217	03-17-1998	ITO, et al.	
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		US- 5,745,161	04-28-1998	ITO	
		US- 5,751,245	05-12-1998	JANKY, et al.	
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		US- 5,757,640	05-26-1998	MONSON	

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		US- 5,758,313	05-26-1998	SHAH, et al.	
		US- 5,761,625	06-02-1998	HONCIK, et al.	
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		US- 5,845,283	12-01-1998	WILLIAMS, et al.	
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		US- 5,862,500	01-19-1999	GOODWIN	
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		US- 5,867,821	02-02-1999	BALLANTYNE, et al.	
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		US- 5,880,720	03-09-1999	IWAFUNE, et al.	
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		US- 5,892,437	04-06-1999	SCHEIBE, et al.	
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		US- 5,896,020	04-20-1999	PYO	
		US- 5,897,602	04-27-1999	MIZUTA	
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		US- 5,917,405	06-29-1999	JOAO	
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		US- 5,969,953	10-19-1999	PURDOM, et al.	
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		US- 5,974,349	10-26-1999	LEVINE	
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		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
		Attorney Docket Number	REEXAM-6549130
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		US- 5,999,808	12-07-1999	LADUE	
		US- 6,001,065	12-14-1999	DEVITO	
		US- 6,002,720	12-14-1999	YURT, et al.	
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	US-	6,141,620	10-31-2000	ZYBURT, et al.	
	US-	6,144,702	11-07-2000	YURT, et al.	
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		US- 6,243,691	06-05-2001	FISHER, et al.	
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Application Number	90/013,301												
Filing Date	JULY 21, 2014												
First Named Inventor	RAYMOND A. JOAO												
Art Unit	3992												
Examiner Name	M. NGUYEN												
Attorney Docket Number	REEXAM-6549130												
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U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
		US- 6,427,063	07-30-2002	COOK, et al.	
		US- 6,429,810	08-06-2002	DE ROCHE	
		US- 6,430,531	08-06-2002	POLISH	
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		US- 6,542,077	04-01-2003	JOAO	
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		US- 6,567,813	05-20-2003	ZHU, et al.	
		US- 6,587,046	07-01-2003	JOAO	
		US- 6,601,087	07-29-2003	ZHU, et al.	
		US- 6,608,559	08-19-2003	LEMELSON, et al.	
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Examiner Signature	/Karin Reichle/	Date Considered	05/19/2015
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 90/013,301
Filing Date JULY 21, 2014
First Named Inventor RAYMOND A. JOAO
Art Unit 3992
Examiner Name M. NGUYEN
Attorney Docket Number REEXAM-6549130

U. S. PATENT DOCUMENTS

Table with 6 columns: Examiner Initials*, Cite No., Document Number (including Number-Kind Code), Publication Date (MM-DD-YYYY), Name of Patentee or Applicant of Cited Document, and Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear. Lists 20 US patent entries.

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Table with 7 columns: Examiner Initials*, Cite No., Foreign Patent Document (Country Code, Number, Kind Code), Publication Date (MM-DD-YYYY), Name of Patentee or Applicant of Cited Document, Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear, and T6. This table is currently empty.

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Art Unit	3992
Examiner Name	M. NGUYEN
Attorney Docket Number	REEXAM-6549130

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		US- 6,882,269	04-19-2005	MORENO	
		US- 6,901,439	05-31-2005	BONASIA, et al.	
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		US- 20020108125	08-08-2002	JOAO	
		US- 20020116318	08-22-2002	THOMAS, et al.	
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		US- 20030084125	05-01-2003	NAGDA, et al.	
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		US- 20030193404	10-16-2003	JOAO	
		US- 20030206102	11-06-2003	JOAO	
		US- 20030224854	12-04-2003	JOAO	
		US- 20040098515	05-20-2004	REZVANI, et al.	
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		US- 20040230601	11-18-2004	JOAO, et al.	

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		US- 20050248444	11-10-2005	JOAO	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	90/013,301
		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
Sheet 26 of 32	Attorney Docket Number	REEXAM-6549130	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number <small>Number-Kind Code² (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,001,066	12-14-1999	CANFIELD, et al.	
		US- SN 08/081,172		POLISH	
		US- SN 60/014,427		DIRENZO	
		US- 5,442,553	08-05-1995	PARRILLO	
		US- 5,400,018	03-21-1995	SCHOLL, et al.	
		US- 5,445,347	08-29-1995	NG	
		US- 2,674,352	04-06-1954	BRAUN, SR.	
		US- 4,206,449	06-03-1980	GALVIN, et al.	
		US- 4,216,375	08-05-1980	ULCH, et al.	
		US- 4,333,093	06-01-1982	RABER, et al.	
		US- 4,644,478	02-17-1987	STEPHENS, et al.	
		US- 4,893,240	01-09-1990	KARKOUTI	
		US- 4,896,580	01-30-1990	RUDNICKI	
		US- 4,991,123	02-05-1991	CASAMASSIMA	
		US- 5,083,106	01-21-1992	KOSTUSIAK, et al.	
		US- 5,168,170	12-01-1992	HARTIG	
		US- 5,210,873	05-11-1993	GAY, et al.	
		US- 5,223,816	06-29-1993	LEVINSON, et al.	
		US- 5,295,551	03-22-1994	SUKONICK	

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		US- 5,321,396	06-14-1994	LAMMING, et al.	
		US- 5,515,285	05-07-1996	GARRETT, SR., et al.	
		US- 5,523,950	06-04-1996	PETERSON	
		US- 5,533,589	07-09-1996	CRITZER	
		US- 5,790,019	08-04-1998	EDWIN	
		US- 5,861,799	01-19-1999	SZWED	
		US- 3,482,037	12-02-1969	BROWN, et al.	
		US- 4,522,146	06-11-1985	CARLSON	
		US- 4,857,912	08-15-1989	EVERETT, JR., et al.	
		US- 4,420,238	12-13-1983	FELIX	
		US- 4,347,590	08-31-1982	HEGER, et al.	
		US- 5,850,250	12-15-1998	KONOPKA, et al.	
		US- 5,786,746	07-28-1998	LOMBARDO, et al.	
		US- 4,772,875	09-20-1988	MADDOX, et al.	
		US- 5,838,250	11-17-1998	MAEKAWA	
		US- 4,789,904	12-06-1988	PETERSON	
		US- 5,519,669	05-21-1996	ROSS, et al.	
		US- 4,785,472	11-15-1988	SHAPIRO	
		US- 5,056,136	10-08-1991	SMITH	

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		US- 5,736,927	04-07-1998	STEBBINS	
		US- 5,689,442	11-18-1997	SWANSON, et al.	
		US- 5,708,417	01-13-1998	TALLMAN, et al.	
		US- 4,651,143	03-17-1987	YAMANAKA	
		US- 6,323,566	11-27-2001	MEIER	
		US- 5,281,367	01-25-1994	SCHLECK, et al.	
		US- 5,457,597	10-10-1995	ROTHSCHILD	
		US- 5,428,546	06-27-1995	SHAH, et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/Karin Reichle/	Date Considered	05/19/2015
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Sheet 29 of 32

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		US- 6,850,497	02-01-2005	SIGLER, et al.	
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Examiner Signature: /Karin Reichle/ Date Considered: 05/19/2015

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Sheet	30	of	32

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		US- 6,859,722	02-22-2005	JONES	
		US- 7,212,829	05-01-2007	LAU, et al.	
		US- 7,272,179	09-18-2007	SIEMENS, et al.	
		US- 7,313,476	12-25-2007	NICHOLS, et al.	
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FOREIGN PATENT DOCUMENTS

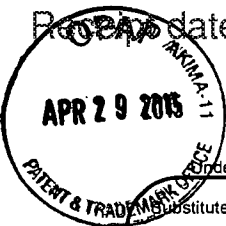
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	90/013,301
		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN Reichle
Sheet 1 of 35	Attorney Docket Number	REEXAM-6549130	

NON PATENT LITERATURE DOCUMENTS			
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		MORLOK, E. K., et al., "Vehicle Monitoring and Telecommunication Systems for Enhancement of Trucking Operations," 1989, Pages 356-360, IEEE.	
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		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
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		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
Sheet 4	of 35	Attorney Docket Number	REEXAM-6549130

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		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
Sheet 5	of 35	Attorney Docket Number	REEXAM-6549130

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		Filing Date	JULY 21, 2014
		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
Sheet 9 of 35	Attorney Docket Number	REEXAM-6549130	

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		Application Number	90/013,301		
		Filing Date	JULY 21, 2014		
		First Named Inventor	RAYMOND A. JOAO		
		Art Unit	3992		
		Examiner Name	M. NGUYEN		
Sheet	16	of	35	Attorney Docket Number	REEXAM-6549130

NON PATENT LITERATURE DOCUMENTS			
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				Application Number		90/013,301	
				Filing Date		JULY 21, 2014	
				First Named Inventor		RAYMOND A. JOAO	
				Art Unit		3992	
				Examiner Name		M. NGUYEN	
Sheet	24	of	35	Attorney Docket Number		REEXAM-6549130	

NON PATENT LITERATURE DOCUMENTS			
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		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
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		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
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		Commercialized or publicly available military or government systems relating to the lunar rovers, satellite controllers, and the space shuttle program.	
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		First Named Inventor	RAYMOND A. JOAO
		Art Unit	3992
		Examiner Name	M. NGUYEN
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		Richard Cogger NSF Grant Application Abstract	
		MCS Page	
		news.announce.conferences web page	
		CEN, et al., "A Distributed Real-Time MPEG Video Audio Player"	
		JONES, et al., "Handling Audio and Video Streams in a Distributed Environment"	
		YANG, "INETPhone: Telephone Services and Servers on Internet"	
		WOLFF, et al., "Internetworking Satellite and Local Exchange Networks for Personal Communications Applications"	
		MACEDONIA, et al., "Mbone Provides Audio and Video Across the Internet"	
		Press, Net.Speech: Desktop Audio Comes to the Net	
		comp.misc web page	

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		rec.video.cable-tv web page	
		CHEN, et al., "Real Time Video and Audio in the World Wide Web"	
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		US- RE 38609	10-05-2004	Chen et al	
		US-			
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	EP 0242099	10-21-1987	Rapoport		
	2	WO 89/12835	12-28-1989	Brown		
	3	EP 0395506	10-31-1990	Bianco		
	4	EP 0505266	09-23-1992	Frossard		
	5	EP 0028933	05-20-1981	Wiseman		
	6	GB 2263376	07-21-1999	Davies		

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Sheet 31	of 35												

U. S. PATENT DOCUMENTS					
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	1	WO 96/02106	01-25-1996	Vellacott		
	2	JAP 63-34612	02-15-1988	Saka et al		
	3	DE 4423328	01-04-1996	Schmidt		
	4	EP 0505266	09-23-1992	Frossard		
	5	CA 1277400	12-04-1990	Rapoport		
	6	EP 0395596	10-31-1990	Blanco		

Examiner Signature	/Karin Reichle/	Date Considered	05/20/2015
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		Examiner Name	M. NGUYEN
		Attorney Docket Number	REEXAM-6549130
Sheet	32	of	35

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	1	GB 2253534A	09-09-1992	Harris		
	2	EP 0232031A1		Hale		
	3	EP 952588	04-24-1998	Sudoh		
	4	EP 0604009		Bowater		
	5	EP 0680859	04-29-1994	Fleck		
	6	SE 9200631	09-03-1993	Romo		

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	1	GB 2051442	01-14-1981	Howard et al		
	2	GB 2217081	10-18-1989	Muidoon et al		
	3	WO 89/05553	06-15-1989	Sheffer et al		
	4	WO 92/22883	12-23-1992	Ruus		
	5	FR 2674352	09-25-1992	Frossard		
	6	EP 0494030	07-08-1992	Audoli et al		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **34**

of **35**

Application Number	90/013,301
Filing Date	JULY 21, 2014
First Named Inventor	RAYMOND A. JOAO
Art Unit	3992
Examiner Name	M. NGUYEN
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	2	EP 0413090	02-02-1991	Siegle		
	3	EP 0720412	11-12-1995	Pittarelli		
	4	EP 0229869	07-29-1987	Memmola		
	5	EP 0505627	09-30-1992	Neumann		
	6	FR 2816434				

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	1	EP 0704712	03-04-1996	Huschelrath et al		
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REEXAM-6549130

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Reexamination of: PATENT OF RAYMOND A. JOAO

Patent No.: 6,549,130

For: CONTROL APPARATUS AND METHOD FOR VEHICLES AND/OR FOR
PREMISES

Control No.: 90/013,301

Issue Date: APRIL 15, 2003

Examiner: MINH T. NGUYEN

Group Art Unit: 3992

Confirmation No.: 1082

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P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 1.33(c)

Sir:

The undersigned hereby certifies that copies of:

- (1) CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 1.33(c); and
- (2) SUPPLEMENTAL RESPONSE TO OFFICE ACTION

are being served via First Class Mail on May 12, 2015 on the Requester's attorney of

record at the address provided below:

Clifford A. Ulrich, Esq.
KENYON & KENYON LLP
One Broadway
New York, NY 10004.

Respectfully Submitted,

/Raymond A. Joao/
Raymond A. Joao
Reg. No. 35,907

Date: May 12, 2015

Raymond A. Joao, Esq.
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Yonkers, New York 10703
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