

012312
02570 U.S. PTO

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	RJ021
	First Inventor	RAYMOND A. JOAO
	Title	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
	Express Mail Label No.	EG223182488US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. Fee Transmittal Form (e.g., PTO/SB/17)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 69]
Both the claims and abstract must start on a new page
(For information on the preferred arrangement, see MPEP 608.01(a))
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Sheets 5]
 - a. Newly executed (original or copy)
 - b. A copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
 Landscape Table on CD
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, items a. - c. are required)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

- ACCOMPANYING APPLICATION PARTS**
9. Assignment Papers (cover sheet & document(s))
Name of Assignee _____
 10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
 11. English Translation Document (if applicable)
 12. Information Disclosure Statement (PTO/SB/08 or PTO-1449)
 Copies of citations attached
 13. Preliminary Amendment
 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or equivalent.
 17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/259,957

Prior application information: Examiner A RAO Art Unit: 2486

19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: _____ OR Correspondence address below

Name	RAYMOND A. JOAO, ESQ.				
Address	122 BELLEVUE PLACE				
City	YONKERS	State	NEW YORK	Zip Code	10703
Country	U.S.A.	Telephone	914-969-2992	Email	rayjoao@verizon.net

Signature		Date	1/23/12
Name (Print/Type)	RAYMOND A. JOAO	Registration No. (Attorney/Agent)	35,907

This collection of information is required by 37 CFR 1.53(b). 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 1.11 and 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, 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 and select option 2.

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<h1 style="margin: 0;">FEE TRANSMITTAL</h1>	<i>Complete if Known</i>	
	Application Number	PLEASE ASSIGN
	Filing Date	JANUARY 23, 2012
	First Named Inventor	RAYMOND A. JOAO
	Examiner Name	A. RAO
	Art Unit	2486
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No. RJ021
TOTAL AMOUNT OF PAYMENT	(\$)	625.00

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: _____ Deposit Account Name: _____
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
 Charge fee(s) indicated below Charge fee(s) indicated below, **except for the filing fee**
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

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.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	380	190	620	310	250	125	\$625.00
Design	250	125	120	60	160	80	
Plant	250	125	380	190	200	100	
Reissue	380	190	620	310	750	375	
Provisional	250	125	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	60	30
Each independent claim over 3 (including Reissues)	250	125
Multiple dependent claims	450	225

Total Claims - 20 or HP = _____ x _____ = _____
 HP = highest number of total claims paid for, if greater than 20.
Indep. Claims - 3 or HP = _____ x _____ = _____
 HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 = _____ (round up to a whole number)	x _____	= _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) _____

Other (e.g., late filing surcharge): _____

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	35,907 Telephone 914-969-2992
Name (Print/Type)	RAYMOND A. JOAO	Date	1/23/12

This collection of information is required by 37 CFR 1.136. 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 30 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, 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.

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	First Named Inventor	RAYMOND A. JOAO	
	Examiner Name	A. RAO	
	Art Unit	2486	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	RJ021
TOTAL AMOUNT OF PAYMENT (\$)		625.00	

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: _____ Deposit Account Name: _____
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
 Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

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	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	380	190	620	310	250	125	\$625.00
Design	250	125	120	60	160	80	
Plant	250	125	380	190	200	100	
Reissue	380	190	620	310	750	375	
Provisional	250	125	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	60	30
Each independent claim over 3 (including Reissues)	250	125
Multiple dependent claims	450	225

Total Claims - 20 or HP = Extra Claims x Fee (\$) = Fee Paid (\$)
 HP = highest number of total claims paid for, if greater than 20.
Indep. Claims - 3 or HP = Extra Claims x Fee (\$) = Fee Paid (\$)
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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)

Other (e.g., late filing surcharge): _____


SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	35,907 Telephone 1 4-969-2992
Name (Print/Type)	RAYMOND A. JOAO	Date	1/23/12

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"Express Mail" No.: EG223182488US Date: January 23, 2012
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Raymond A. Joao

RJ021
CONT. of RJ020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO
SERIAL NO.: PLEASE ASSIGN (Cont. of S.N. 09/259,957)
FILED : JANUARY 23, 2012
FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD
EXAMINER : A. RAO
GROUP : 2486

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Please find enclosed herewith the following papers and payment for filing as a Patent Application:

1. Utility Patent Application Transmittal Sheet;
2. Credit Card Payment Form for \$625.00 for payment of the filing fee, which includes the Utility Basic Filing Fee

(\$190.00), the Utility Search Fee (\$310.00), and the Utility Examination Fee (\$125.00);

3. Fee Transmittal Sheet (in duplicate) for the payment of the above filing fee;

4. Declaration (A copy from a prior application) (2 pages);

5. Declaration (Newly executed) (3 pages);

6. Written Assertion of Small Entity Status;

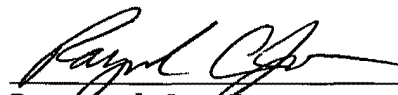
7. Application, including Specification, Claims and Abstract of the Disclosure (69 pages), and Drawings (6 sheets);

8. Preliminary Amendment; and

9. Return Receipt Postcard.

Please note that the above-identified application is a continuation application of U.S. Patent Application Serial No. 09/259,957. Entry of the above-referenced papers and payment for filing as a Patent Application is respectfully requested.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

January 23, 2012

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

"Express Mail" No.: EG223182488US Date: January 23, 2012
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with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date
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P.O. Box 1450, Alexandria, VA 22313-1450.


Raymond A. Joao

RJ021
CONT. of RJ020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: PLEASE ASSIGN (Cont. of S.N. 09/259,957)

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

WRITTEN ASSERTION OF SMALL ENTITY STATUS

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

January 23, 2012

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

RJ020

VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

FIELD OF THE INVENTION

The present invention is directed to a vehicle operator and/or occupant information apparatus for method and, in particular, to a vehicle operator and/or occupant information apparatus and method for providing a vehicle operator and/or occupant with information regarding traffic conditions, road conditions, traffic flow, and other useful information.

BACKGROUND OF THE INVENTION

Each day millions of individuals rely on using their vehicles as the means by which to get from one location to another. As the number of drivers and vehicles on the road increase, so to have traffic and congestion on roads, at bridges, at toll booths, at tunnels, at parking lots and on, or at, other thoroughfares and/or locations.

In today's age, the importance of getting from one location to another can be paramount. As we, as a society, become more productive and move deeper into the information age, it is more and more important for individuals to have an awareness and information pertaining to the locales in which they are driving or traveling, the destinations to which they are

headed, as well as the roadways, bridges, toll booths and tunnels which they must travel or use along the way. In today's information age, vehicle operators could greatly benefit from an apparatus and method which could provide a vehicle operator and/or occupant with information regarding the traffic and/or conditions of roadways, highways, bridges, toll booths, tunnels, parking lots, etc.

SUMMARY OF THE INVENTION

The present invention provides an apparatus and a method for providing a vehicle operator and/or occupant with information regarding traffic conditions as well as conditions of roadways, highways, bridges, toll booths and tunnels, as well as other roads and/or thoroughfares upon which a vehicle may travel, along with other destinations and/or entities of interest, to a vehicle operator or occupant. In a preferred embodiment, the apparatus and method of the present invention provides video information to a vehicle operator and/or occupant regarding the conditions of roadways, highways, bridges, toll booths and tunnels as well as other roads and/or thoroughfares upon which a vehicle may travel, as well as other destinations and/or entities of interest.

In this regard, the present invention provides an apparatus and a method for providing a vehicle operator and/or occupant with information regarding road traffic conditions, traffic on roadways, highways, parkways, expressways, traffic and/or congestion at, or on, bridges, at tunnels and at other locations on a roadway. The present invention can also provide a vehicle operator or occupant with information concerning conditions at toll booths, public areas, public parking lots and other destinations and/or locations.

The present invention provides video information and/or a video image, along with other information, of the conditions of a roadway, a bridge, a tunnel, a toll booth, a parking lot, a public parking lot, such as at shopping malls, at stores, at beaches, and at sports or other entertainment facilities, etc. The video information is provided to the vehicle operator and/or occupant on a display device located in the vehicle. The vehicle operator or occupant may then utilize the information obtained in order to be apprised of traffic and other conditions, during their travels. For example, a driver headed to a destination may utilize the present invention in order to view the traffic conditions on several alternate roadways or at bridges, tunnels or toll booths along the way. The driver may then utilize this information in order to travel the least congested route.

The apparatus comprises a vehicle computer. The vehicle computer which is utilized should provide for convenient use by the vehicle operator and/or occupant. The vehicle computer should at least have its display and user input device located on or in the vehicle dashboard or console. The vehicle computer may be mounted in the vehicle in the same manner as driver information centers and/or navigation computers.

The apparatus also comprises a central processing computer which provides control over the apparatus and which services the vehicle computer. The central processing computer and the vehicle computer communicate with one another over an appropriate or suitable wireless communication network. In the preferred embodiment, the present invention is utilized on and/or over the Internet and/or the World Wide Web and, in particular, a wireless Internet and/or World Wide Web communication network and/or system. In this regard, the present invention, in the preferred embodiment, utilizes wireless Internet and/or World Wide Web services, equipment and/or devices. The central processing computer has a Web Site associated with it. The vehicle computer can access the Web Site of the central processing computer.

Although the Internet and/or the World Wide Web is the preferred communication system and/or medium utilized, it is important to note that the present invention, in all of the embodiments described herein, can be utilized with any appropriate communication systems including, but not limited to network communication systems, telephone communication systems, cellular communication systems, digital communication systems, personal communication systems, personal communication services (PCS) systems, satellite communication systems, broad band communication systems, low earth orbiting (LEO) satellite systems and line telephone systems.

The apparatus further comprises a plurality of video cameras and location computers which are associated with each of the video cameras. The location computers are electronically and/or operatively connected to its respective video camera for providing control over the video camera. Video information, which is recorded by the respective video camera, is provided to the location computer which services the respective video camera. Each location computer has a web site associated therewith.

The central processing computer can access the Web Sites of each of the location computers. The vehicle computer can access the web sites of the location computers via the Web

Site associated with the central processing computer on, or over, the Internet and/or the World Wide Web. The vehicle computer can also access the web sites of the location computers directly on, or over, the Internet and/or the World Wide Web. In this manner, the video information recorded by each of the video cameras may be accessed by the vehicle computer and by the central processing computer so that the vehicle operator and/or occupant can obtain the video information at the vehicle computer.

The central processing computer can include a database which contains all of the data and information necessary to provide service to, and perform any of the herein-described functions of, any number of vehicle computers.

The apparatus of the present invention may be utilized in conjunction with any appropriate and/or suitable communication network. In the preferred embodiment, however, the apparatus is utilized in conjunction with the Internet and/or the World wide Web. In this manner, the video camera location video is obtainable by the vehicle operator and/or occupant by accessing either the central processing computer or the selected location computers on, or over, the Internet and/or the World Wide Web by accessing the web sites associated with these respective computers.

Each of the location computers is linked to the central processing computer which services a given region or geographic area. The processing computer, in this manner, can control and obtain information, including video information, from the respective video cameras.

The apparatus also comprises a global positioning device which is located at the vehicle and a database which is also located at the vehicle. The database stores any pre-determined number of locations such as video camera locations on, or near, roadways, highways, expressways, parkways, bridges, toll booths, toll booth plazas, tunnels, shopping mall parking lots, beach parking lots, store parking lots, entertainment and/or sports facilities parking lots and any other location which would be of interest to a vehicle operator and/or occupant.

The names and location data pertaining to the video camera locations, along with the uniform resource locators (URLs) for the respective location computers, and the links therefor, are also stored in the database. The above information can be correlated with vehicle location data which is obtained by the global positioning device. In this manner, the vehicle operator

and/or occupant may be advised of those locations which may be of interest to him or her from any location.

After the global positioning device determines vehicle position, the position data may be cross correlated with the location data and other data available in the database so as to provide the vehicle operator and/or occupant with a selection of locations for which he or she may obtain video or other information over the Internet and/or the World Wide Web.

Each of the video cameras, in the preferred embodiment, is stationed and/or located at appropriate viewing locations on, near, or at a location for viewing, roadways, at entrances and exits to roadways, on highways, expressways, on parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll booth plazas, at parking lots at shopping malls, stores, beaches, sports facilities as well as arenas and entertainment facilities and centers.

Although each of the video cameras may be turned on or off, in the preferred embodiment, the video cameras are in operation 24 hours a day, seven days a week so as to provide

continuous surveillance of the roadway, highway, expressway, parkway, bridge, tunnel, toll booth, toll booth plaza, parking lot, or other entity or location, to which it is assigned.

The video cameras, in the preferred embodiment, are stationed on poles, road signs, buildings, overpasses, walls and other appropriate structures adjacent to, near, on, or at a location for viewing, roadways, highways, expressways, along bridges and tunnels, and parking lots. The video cameras can also be stationed along roadways, highways, expressways, highways, along bridges and tunnels, and parking lots, at any desired intervals. For example, a video camera can be stationed at the entrance to, and at the exit ramps, at mile or other distance markers, and on signs on any of the above described roadways, highways, expressways, along bridges and tunnels, in parking lots, and in various locations adjacent to, near, or at a location for viewing, same.

A plurality of vehicle computers may be utilized in conjunction with the present invention so that the present invention can be utilized to provide information to a large number of vehicles and to their operators and/or occupants. The present invention may also comprise a plurality of central processing computers which are typically server computers each of

which may be linked with a pre-defined number of location computers assigned to provide service to a pre-defined geographic and/or regional area. In this manner, the present invention may be utilized to provide information and coverage for a very large geographic area. The present invention can be utilized to provide information and coverage internationally.

The present invention, as described above, provides information pertaining to traffic and other conditions on roadways, at entrances and exits to roadways, on highways, expressways, parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll booth plazas, at parking lots at shopping malls, at stores, at beaches, at sports facilities and at arenas, as well as at entertainment facilities and centers.

A vehicle operator and/or occupant may obtain video information about a selected location simply by accessing either the central processing computer or the location computer which services the video camera at the selected location or locations, at any time. The information which is provided by the present invention can be utilized in assisting a vehicle drive and/or occupant to determine and/or find the most optimal or the least

congested route to their destination. For example, a driver headed to a destination may utilize the present invention in order to view the traffic conditions on several alternate roadways, bridges, tunnels or toll booths along the way. The driver may then utilize this information in order to travel the least congested route.

In an alternate embodiment, the present invention may be utilized to provide all of the information described above regarding locations to a user over a home or a personal computer, including a laptop computer, a handheld computer, a palmtop computer, a television, an interactive television, a digital television, a personal digital assistant, a telephone, a digital telephone, a personal communication device, and a personal communications services device. In this manner, information about any of the herein-described locations can be available to a user at, or from, any location.

The present invention describes an apparatus and a method for providing the above-described information about the above-described locations so as to provide a vehicle operator and/or occupant with valuable information concerning the roadways, bridges, tunnels, toll booths and/or parking lots which would enable the vehicle operator and/or occupant to make

informed driving and/or traveling decisions. For example, a vehicle operator traveling to a given destination, may wish to view various locations along the way to his or her destination. By utilizing the apparatus and method of the present invention, the vehicle operator may view roadways, bridges, tunnels, toll booths, along the way, so as to select the route with the least traffic, congestion of traffic delays.

Further, the apparatus and method of the present invention provides an embodiment for allowing a user of a home or personal computer to obtain the same information from his or her home or other location so as to more carefully plan out his or her trip beforehand.

The present invention can provide an apparatus and a method for providing hands-free use by a vehicle operator or driver.

In any of the preferred embodiments described herein, vehicle location data may be entered and/or updated manually by the vehicle operator or occupant such as by selecting location or position information from a menu selection. The apparatus and method of the present invention can ascertain a travel route and

provide information pertaining to different locations or points along the travel route.

The apparatus and method of the present invention can provide video and other information about a travel route or location or point along, or on, a travel route, in real-time. The present invention also provides an apparatus and a method to allow an individual to preview a planned or anticipated travel route from any location or place.

The present invention provides real-time traffic conditions, road conditions and weather conditions and provides valuable information to any traveler.

Accordingly, it is an object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information.

It is another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information regarding traffic conditions, road conditions, traffic flow, or other useful information.

It is another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information regarding conditions of roadways, highways, bridges, toll booths and tunnels, as well as other roads, thoroughfares, or destinations and/or other entities of interest.

It is still another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with video information and/or a video images, along with other travel-related information.

It is yet another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information which is utilized on, or over, a communication network.

It is another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information which is utilized on, or over, the Internet and/or the World Wide Web.

It is yet another object of the present invention to

provide an apparatus and a method for providing a vehicle operator and/or occupant with information from any location.

It is still another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information which provides for hands-free operation.

It is still another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information which also provides for manual, as well as automatic, entry of vehicle location data or information.

It is yet another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information pertaining to different locations or points along a travel route.

It is another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information which determines a travel route and provides information pertaining to different locations or points along the travel route.

It is still another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with information about a travel route or location or point along, or on, a travel route.

It is yet another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with a preview of a planned or anticipated travel route.

It is yet another object of the present invention to provide an apparatus and a method for providing a vehicle operator and/or occupant with travel-related information in real-time.

Other objects and advantages of the present invention will be apparent to those skilled in the art upon a review of the Description of the Preferred Embodiment taken in conjunction with the Drawings which follow.

BRIEF DESCRIPTION OF THE DRAWINGS

In the Drawings:

Figure 1 illustrates the apparatus of the present invention, in block diagram form;

Figure 2 illustrates the vehicle computer of Figure 1, in block diagram form;

Figure 3 illustrates the central processing computer of Figure 1, in block diagram form;

Figure 4 illustrates a flow chart diagram of the operation of the apparatus of Figure 1;

Figure 5 illustrates a flow chart of an alternate embodiment operation of the apparatus of the present invention; and

Figure 6 illustrates another preferred embodiment of the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

The present invention provides an apparatus and a

method for providing a vehicle operator and/or occupant with information regarding traffic conditions as well as conditions of roadways, highways, bridges, toll booths and tunnels, as well as other roads and/or thoroughfares upon which a vehicle may travel, along with other destinations and/or entities of interest, to a vehicle operator or occupant. In a preferred embodiment, the apparatus and method of the present invention provides video information to a vehicle operator and/or occupant regarding the conditions of roadways, highways, bridges, toll booths and tunnels as well as other roads and/or thoroughfares upon which a vehicle may travel, as well as other destinations and/or entities of interest.

In this regard, the present invention provides an apparatus and a method for providing a vehicle operator and/or occupant with information regarding road traffic conditions, traffic on roadways, highways, parkways, expressways, traffic and/or congestion at, or on, bridges, at tunnels and at other locations on a roadway. The present invention can also provide a vehicle operator or occupant with information concerning conditions at toll booths, public areas, public parking lots and other destinations and/or locations.

The present invention provides video information and/or

a video image, along with other information, of the conditions of a roadway, a bridge, a tunnel, a toll booth, a parking lot, a public parking lot, such as at shopping malls, at stores, at beaches, and at sports or other entertainment facilities, etc. The video information is provided to the vehicle operator and/or occupant on a display device located in the vehicle. The vehicle operator or occupant may then utilize the information obtained in order to be apprised of traffic and other conditions, during their travels. For example, a driver headed to a destination may utilize the present invention in order to view the traffic conditions on several alternate roadways or at bridges, tunnels or toll booths along the way. The driver may then utilize this information in order to travel the least congested route or to make other travel related decisions based upon the information obtained.

Applicant hereby incorporates by reference herein the subject matter of U.S. Provisional Patent Application Serial No. 60/076,800. Figure 1 illustrates a preferred embodiment of the apparatus of the present invention which is designated generally by the reference numeral 100. In Figure 1, the apparatus 100 includes a vehicle computer 10. The vehicle computer 10, in the preferred embodiment, is a personal computer. Although any type of personal computer and/or laptop computer may be utilized, in

the preferred embodiment, the vehicle computer 10 can be an integral part of the vehicle so that it will provide for convenient use by the vehicle operator and/or occupant.

In the preferred embodiment, the vehicle computer 10 should at least have its display and user input device located on, in, or adjacent to, the vehicle dashboard or console. In this manner, the vehicle computer 10 may be mounted in the vehicle in the same manner that driver information centers and/or navigation computers are mounted therein.

The apparatus 100 also includes a central processing computer 20 which provides control over the apparatus 100 and which services the vehicle computer 10. In the preferred embodiment, any number of central processing computers 20 may be utilized in order to provide the servicing functions described herein. The apparatus 100 may contain any number of central processing computer 20. In such an embodiment, a given central processing computer 20 may service a particular geographic area.

The central processing computer(s) 20 and the vehicle computer 10 communicate with one another over a wireless communication network. In the preferred embodiment, the present invention is utilized on, and/or over, the Internet and/or the

World Wide Web and, in particular, a wireless Internet and/or World Wide Web communication network and/or system. In this regard, the present invention, in the preferred embodiment, utilizes wireless Internet and/or World Wide Web services, equipment and/or devices. The central processing computer(s) 20, in the preferred embodiment, have a web site or web sites associated therewith.

Although the Internet and/or the World Wide Web is the preferred communication system and/or medium utilized, the present invention, in all of the embodiments described herein, can be utilized with any appropriate communication systems including, but not limited to, network communication systems, telephone communication systems, cellular communication systems, digital communication systems, personal communication systems, personal communication services (PCS) systems, satellite communication systems, broad band communication systems, low earth orbiting (LEO) satellite systems and line telephone systems.

The apparatus 100 also includes a plurality of video cameras 30. Each of the video cameras 30, in the preferred embodiment, has associated therewith a location computer 40. The location computers 40 are electrically and/or operatively

connected to its respective video camera 30 for providing control over the respective video camera 30. In the preferred embodiment, each location computer 40 has a web site associated therewith. Any number of location computers 40 may be accessed by one or more of the central processing computers. The vehicle computer 10 and the central processing computer(s) 20 can access the web sites of each of the location computers 40.

The vehicle computer 10 can access the web sites of the location computers 40 via the web site(s) associated with the central processing computer(s) 20, over the Internet and/or the World Wide Web. The vehicle computer 10 can also access the web sites of the location computers 40 directly over the Internet and/or the World Wide Web. The video information which is recorded by the video camera 30 may be accessed by the vehicle computer 10 and/or by the central processing computer(s) 20 so that the vehicle operator and/or occupant can obtain the video information at the vehicle computer 10.

In cases where the apparatus 100 is used with other communication systems, the vehicle computer 10, the central processing computer(s) 20, and the location computers, can be equipped with appropriate transmitters and receivers and/or other communication equipment or peripherals.

The video from each of the video cameras 30 is available at the web site of its associated location computer 40. The video from the each of the video cameras 30 is then available to the vehicle computer 10 via the central processing computer(s) 20. The video from each of the video cameras 30 is also available to the vehicle computer 10 via each of the web sites of the respective location computers 40. In the preferred embodiment, the location computers 40 also communicate with the central processing computer(s) 20 on, or over, the Internet and/or the Wide Web.

Each of the location computers 40 is linked to the central processing computer(s) 20. The central processing computer(s) 20, in this manner, can control and obtain information, including video information, from the respective video cameras 30. In the preferred embodiment, the uniform resource locator (URL) for each of the location computers 40 is provided at the central processing computer(s) 20. In the above manner, each video camera 30 which is utilized with the apparatus 100 of the present invention, can be associated with a uniform resource locator which is an assigned address distinct to the respective location computer 40 and video camera 30.

Any of the central processing computers 20, in the preferred embodiment, can be a server computer which supports a web site which provides the links to a plurality of the location computers 40 which are utilized in conjunction with the apparatus 100. The location computers 40, in the preferred embodiment, are also server computers which can be accessed by the vehicle operator or occupant via the central processing computer(s) 20 and/or the web site associated therewith. Each of the location computers 40, can provide control over the video camera 30 associated therewith. The operation of any one of the location computers 40 can be controlled via the central processing computer(s) 20.

The vehicle operator and/or occupant can directly access each of the location computers 40 via the vehicle computer 10. In this regard, the vehicle operator and/or occupant may simply access a location computer 40 via its uniform resource locator, or link, which can be provided to, and at, the vehicle computer 10.

Figure 2 illustrates the vehicle computer 10 of Figure 1, in block diagram form. In Figure 2, the vehicle computer 10 includes a central processing unit (CPU) 11 which controls the processing of the vehicle computer 10. The vehicle computer 10

also includes a read only memory (ROM) 12, which is electrically connected to the CPU 11. The vehicle computer 10 also includes a random access memory (RAM) 13, which is electrically connected to the CPU 11.

The vehicle computer 10 also includes a transmitter 14 for transmitting signals to the central processing computer(s) 20 or transmitting signals to any of the location computers 40 which are utilized with the apparatus 100. The vehicle computer 10 also includes a receiver 15 for receiving signals from the central processing computer(s) 20 or for receiving signals from any of the location computers which are utilized in conjunction with the apparatus 100.

The vehicle computers 10, as well as the central processing computers 20, and the location computers 40, which are utilized in the apparatus 100 of the present invention, include the necessary equipment and/or peripherals to operate on, or over, the Internet and/or the World Wide Web. The vehicle computer 10 also includes an user input device 16 for facilitating user input of commands and data into the vehicle computer 10. The user can thereby utilize the user input device 16 to exercise control over, and operate, the vehicle computer 10.

The user input device 16 is also electrically connected to the CPU 11. In the preferred embodiment, the user input device 16 includes a keypad and a pointing device. The pointing device, in the preferred embodiment, is a mouse, a mouse-like device, a roll ball, a touch pad, a combination of the above devices, or any other known computer pointing device. In the preferred embodiment, the user input device 16 includes a keypad and a mouse-like pointing device.

The vehicle computer 10 also includes a display device 17 which is also electrically connected to the CPU 11. The display device 17 provides a video or visual display of information to the vehicle operator and/or occupant. The display device 17, in the preferred embodiment, is mounted on, or adjacent to, the vehicle dashboard or console, at a location for easy viewing and operation by the operator and/or occupant. The display device 17 also provides the apparatus 100 with a graphical user interface (GUI) capabilities.

The vehicle computer 10 also includes a head up display device 18 for providing information to the vehicle operator on the windshield so that the operator may view the information without having to remove his or her eyes from the road. The vehicle computer 10 also includes an output device 19

which is also electrically connected to the CPU 11. The output device 19 can be any suitable output device for providing information to the vehicle operator or occupant. In the preferred embodiment, the output device 19 is a printer.

Each of the central processing computers 20, and the location computers 40, will have web sites and URLs associated therewith so that all of the above computers are accessible over the Internet and/or the World Wide Web.

The vehicle computer 10, in the preferred embodiment, also includes a global positioning device 50 for determining the position and/or location of the vehicle. The vehicle computer 10 also includes a database 60 for storing the names, locations, addresses, and URLs, for any predefined group and/or for all of the central processing computers 20 and the location computers 40 which are utilized in conjunction with the present invention. The database 60 also stores information concerning the locations of various roadways or highways, at points on, near, or adjacent to these roadways or highways, at entrances and exits to these roadways or highways, including expressways, or parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll

booth plazas, at parking lots at shopping malls, stores, beaches, sports facilities and arenas and entertainment facilities and centers, which are monitored and/or covered by the apparatus 100.

The database 60 also contains the locations for any number of locations, such as video camera locations, on roadways, highways, expressways, parkways, bridges, toll booths, toll booth plazas, tunnels, shopping mall parking lots, beach parking lots, store parking lots, entertainment and/or sports facilities parking lots, and any other location which would be of interest to a vehicle operator and/or occupant.

The database 60 also contains location data or information, which includes the latitude and longitude for any of the locations along roadways, highways, expressways, parkways, and/or exits, overpasses or other points of interest along same, bridges, tunnels, toll booths or toll booth plazas, or destinations of interest, etc.

The database 60 also contains travel route data or information between locations and/or between locations and destinations. Locations data or information for cameras along a given route or given routes can be linked utilizing database management techniques in or to provide data or information along

or for a given travel route. The database 60 also contains location data and information for any of the various cameras 30.

In any of the embodiments described herein, any location data or information may include latitude and longitude data or information and/or any other suitable data or information for identifying a given location.

In any of the embodiments described herein, the data and/or information stored in the database 60 may be obtained via data or information which is pre-stored in same, data or information which is loaded into the vehicle computer 10 from a storage medium such as a floppy disk, a diskette, a compact disk, or a digital video disk, or via any other storage medium, or data or information which is downloaded from any of the central processing computers 20 which are utilized in conjunction with the present invention. The vehicle computer 10, in order to accommodate data and information loading may include a respective floppy disk drive, diskette drive, compact disk drive, or digital video disk drive.

The database 60 can be updated by updates obtained from any of the central processing computers 20 and/or the location computers 40 which are utilized with the present invention. The

updates can be obtained on, or over, the Internet and/or the World Wide Web.

The names and location data pertaining to the video camera locations, along with the URLs for the respective location computers 40, along with links thereto or therefor, including hyperlinks, are also stored in the database 60. The above information can be correlated with vehicle location data which is obtained by the global positioning device 50. In this manner, the vehicle operator and/or occupant may be advised of those locations which may be of interest to him or her from any location. After the global positioning device 50 determines vehicle position, the position data may be cross correlated with the location data and other data available in the database 60 so as to provide the vehicle operator and/or occupant with a selection of locations which he or she may obtain video or other information.

The vehicle computer 10 may also be programmable so that the vehicle operator or occupant can enter vehicle position data and destination data into the vehicle computer 10. The vehicle computer 10 can be programmed so that, the driver or occupant can obtain video information and updates pertaining thereto for locations up ahead in their travels. The vehicle

operator or occupant can also request and receive video information and updates for alternate routes up ahead in their travels.

Vehicle position data may be obtained via the global positioning device 50. Vehicle position data may also be entered manually by the vehicle operator or occupant.

The present invention, as described above, provides information pertaining to traffic and other conditions on roadways, highways, expressways, or parkways, at entrances and exits to roadways, highways, expressways, or parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll booth plazas, at parking lots at shopping malls, at stores, at beaches, at sports facilities and arenas and at entertainment facilities and centers, which are monitored by the apparatus 100.

In another preferred embodiment, the display device 17, which is utilized, is provided with a screen for viewing a plurality of video images at the same time so that the vehicle operator or occupant may request and/pr receive from, or about, a plurality of locations. In this manner, the vehicle operator or

occupant can obtain, for simultaneous viewing, a plurality of video images and/or other information for a plurality of locations. For example, a vehicle operator traveling to a location accessible by a plurality of bridges may receive video of the toll booth plazas for each bridge.

In the preferred embodiment, the database 60 stores, the uniform resource locators (URLs) for any number of location computers 40 which are associated with the various locations of the video cameras 30. The location information stored in the database may be downloaded from the central processing computer(s) 20 which service the respective region. In this manner, the database 60 may be updated by the central processing computer for a given region each time it enters a new region. The database 60 may also contain location information which can be loaded into the vehicle computer by the vehicle operator or occupant. The database 65 also store information concerning travel routes between locations or destinations.

Figure 3 illustrates the central processing computer 20 of Figure 1, in block diagram form. In Figure 3, the central processing computer 20 includes a central processing unit (CPU) 21 which controls the processing of the central processing computer 20. The central processing computer 20 also includes a

read only memory (ROM) 22, which is electrically connected to the CPU 21. The central processing computer 20 also includes a random access memory (RAM) 23, which is electrically connected to the CPU 21.

The central processing computer 20 also includes a transmitter 24 for transmitting signals to the vehicle computers 10 and for transmitting signals to the location computers 40 which are utilized with the apparatus 100. The central processing computer 20 also includes a receiver 25 for receiving signals from the vehicle computers 10 or for receiving signals from the location computers 40 which are utilized in conjunction with the apparatus 100 of the present invention.

The central processing computers 20, as well as the vehicle computers 10 and the location computers 40, which are utilized with the apparatus 100 of the present invention, include the necessary equipment and/or peripherals needed to operate on, or over, the Internet and/or the World Wide Web. The central processing computer 20 also includes an user input device 26 for facilitating user input of commands and data into the central processing computer 20. The user can thereby utilize the user input device 26 to exercise control over, and operate, the central processing computer 20.

The user input device 26 is also electrically connected to the CPU 21. In the preferred embodiment, the user input device 26 includes a keypad and a pointing device. The pointing device, in the preferred embodiment, is a mouse, a mouse-like device, a roll ball, a touch pad, a combination of the above devices, or any other known computer pointing device. In the preferred embodiment, the user input device 26 includes a keypad and a mouse-like pointing device.

The central processing computer 20 also includes a display device 27 which is also electrically connected to the CPU 21. The display device 27 provides a video or visual display of information to the user or operator of the central processing computer 20. The display device 27 also provides the apparatus 100 with a graphical user interface (GUI) capabilities.

The central processing computer 20 also includes an output device 28 which is also electrically connected to the CPU 21. The output device 28 can be any suitable output device for providing information to the user or operator of the central processing computer. In the preferred embodiment, the output device 28 is a printer.

Each of the central processing computers 20 and the location computers 40 will have web sites and URLs associated therewith so that all of the above computers are accessible over the Internet and/or the World Wide Web.

The central processing computer 20 also includes a database 65 for, storing the names, locations, addresses, and URLs for any predefined group and/or all of the central processing computers 20 and the location computers 40 which are utilized with the present invention. The database 65 also stores data and/or information concerning the vehicle operators, occupants, and vehicles, which utilize or subscribe to, or which are utilized with, respectively, the services which are provided by the apparatus and method of the present invention.

The database 65 also stores information about the various roadways, at entrances and exits to roadways, on highways, expressways, or parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll booth plazas, at parking lots at shopping malls, stores, beaches, sports facilities and arenas and entertainment facilities and centers, which are monitored and/or covered by the apparatus 100. The

database 65 also store information concerning travel routes between locations or destinations.

The database 65 stores any pre-determined number of locations such as video camera locations on roadways, highways, expressways, parkways, bridges, toll booths, toll booth plazas, tunnels, shopping mall parking lots, beach parking lots, store parking lots, entertainment and/or sports facilities parking lots, and any other location which would be of interest to a vehicle operator and/or occupant. The database 65 can be updated by updates obtained from any of the central processing computers 20, from a main central processing computer (not shown), or from any of the location computers 40 which are utilized with the present invention. The updates can be obtained on, or over, the Internet and/or the World Wide Web.

The names and location data pertaining to the video camera locations, along with the URLs for the respective location computers 40, along with links therefor, are also stored in the database 65. The above information can be correlated with vehicle location data which is obtained by the global positioning device 50 of the respective vehicle computer 10 which global positioning data can be transmitted to the central processing computer 20. The central processing computer 20 may transmit

data and/or information concerning the locations of cameras 40 to any of the vehicle computers 10. In this manner, a vehicle operator and/or occupant may be advised of camera locations in their vicinity, in or along their travel route, or of other interest to the vehicle operator or occupant.

If the global positioning device 50 determines vehicle position, or if vehicle position information is manually entered by the vehicle operator or occupant, the position information can be transmitted to the central processing computer and correlated with the data and/or information stored in the database 65 so as to provide the vehicle operator and/or occupant with a selection of locations which he or she may access to obtain video or other information.

As noted herein, the present invention, as described above, provides information pertaining to traffic and other conditions on roadways, at entrances and exits to roadways, on highways, expressways, or parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll booth plazas, at parking lots at shopping malls, at stores, at beaches, at sports

facilities and arenas and at entertainment facilities and centers.

In the preferred embodiment, the database 65 stores, the uniform resource locators (URLs) for any number of location computers 40 which are associated with the various locations of the video cameras 30. The URL data for each camera may be cross referenced with geographical data of each video camera 30 so that the position and/or location data obtained by the global positioning device 50 can be utilized so as to identify all of the locations and URLs for the associated location computers 40 in the vehicle's region or area of travel.

The URL information is continuously updated and is available at the central processing computers 20 and/or the vehicle computer 10 so that the vehicle operator and/or occupant may have access to the respective locations as the vehicle travels. URL updates from the central processing computers 20 and from the location computers 40 can also be obtained by the vehicle computer 10. In this manner, the present invention provides continuous location information to a vehicle operator or occupant, which information can be utilized to obtain information regarding a location or a group of locations.

The database 65 also contains location data or information, which includes the latitude and longitude for any of the locations along roadways, highways, expressways, parkways, and/or exits, overpasses or other points of interest along same, bridges, tunnels, toll booths or toll booth plazas, or destinations of interest, etc.

The database 65 also contains travel route data or information between locations and/or between locations and destinations. Locations data or information for cameras along a given route or given routes can be linked utilizing database management techniques in or to provide data or information along or for a given travel route. The database 65 also contains location data and information for any of the various cameras 30.

In any of the embodiments described herein, any location data or information may include latitude and longitude data or information and/or any other suitable data or information for identifying a given location.

In any of the embodiments described herein, the data and/or information stored in the database 65 may be obtained via data or information which is pre-stored in same, data or information which is loaded into the central processing computer

20 from a storage medium such as a floppy disk, a diskette, a compact disk, or a digital video disk, or via any other storage medium, or data or information which is downloaded from any other central processing computer(s) 20 which are utilized in conjunction with the present invention. The central processing computer 20, in order to accommodate data and information loading may include a respective floppy disk drive, diskette drive, compact disk drive, or digital video disk drive.

The database 65 can be updated by updates obtained from any of the central processing computers 20 and/or the location computers 40 which are utilized with the present invention. The updates can be obtained on, or over, the Internet and/or the World Wide Web.

Although the Internet and/or the World Wide Web is the preferred communication system and/or medium utilized, it is important to note that communication between any one of the location computers 40, the central processing computers 20, and the vehicle computers 10, can be provided over any suitable communication system including, but not limited to network communication systems, telephone communication systems, cellular communication systems, digital communication systems, personal communication systems, personal communication services (PCS)

systems, satellite communication systems, broad band communication systems, low earth orbiting (LEO) satellite systems and line telephone systems.

Each of the video cameras 30, in the preferred embodiment of the invention, are designed for use outdoors so that they will be unaffected by the environment and/or the elements. A manual and/or an automatic lenses clearing and/or cleaning device is employed, in the preferred embodiment, so as to maintain the lenses of the video cameras 30, and so as to ensure that they are cleaned for continuous use.

Each of the video cameras 30, in the preferred embodiment, have wide angle lenses for maximum viewing capabilities. The video cameras 30, depending upon its desired usage, may be moveable, rotatable and/or pivotable. Movement, rotation, and/or pivoting, of the video cameras 30 may be controlled by the central processing computer(s) 20, or by the location computer 30, corresponding thereto.

Each of the video cameras 30, in the preferred embodiment, is stationed and/or located at, on, near, or at locations for viewing, roadways, entrances and exits to roadways, highways, expressways, or parkways, and entrances to, and exits

from, same, bridges, entrances to, and exits from, bridges, tunnels, inside tunnels, entrances to, and exits from, tunnels, toll booths, entrances to toll booth plazas, parking lots, shopping malls, stores, beaches, sports facilities and arenas and entertainment facilities and centers. Although each of the video cameras 30 may be turned on or off, in the preferred embodiment, the video cameras 30 are in operation 24 hours a day, seven days a week so as to provide continuous surveillance of the locations to which they are assigned.

The video cameras 30, in the preferred embodiment, are stationed on poles, road signs, buildings, overpasses, walls and other appropriate structures adjacent to, on, or at a location for viewing, roadways, highways, expressways, bridges and tunnels, and parking lots. The video cameras 30 can also be stationed along roadways, highways, expressways, along bridges and tunnels, and parking lots, at any desired intervals. For example, a video camera 30 can be stationed at a location for viewing the entrance and/or exit ramps, at mile or other distance markers and on signs, on or near any of the above described roadways, highways, expressways, bridges, tunnels, along roadways, bridges and tunnels, parking lots, and in various locations adjacent to, near, or at a location for viewing, same.

In the preferred embodiment, a plurality of vehicle computers 10 may be utilized in conjunction with the present invention so that the present invention can be utilized to provide information to a large number of vehicles and to their operators and/or occupants.

The present invention, in the preferred embodiment, also includes a plurality of central processing computers 20 which, in the preferred embodiment, are server computers each of which may be linked with a pre-defined number of location computers 40 and associated video cameras 30, which are assigned to provide service to a pre-defined geographic and/or regional area. In this manner, the present invention may be utilized to provide information and coverage to a very large geographic area. In the preferred embodiment, the present invention can be utilized to provide information and coverage internationally.

As noted above, the present invention is utilized on or over the Internet and/or the World Wide Web. In this regard, the present invention utilizes TCP/IP protocol. Applicant hereby incorporates by reference herein those known systems, devices and techniques for providing live and/or recorded information over a communication network and, in particular, on, or over, the Internet and/or the World Wide Web.

The present invention, as described above, provides information pertaining to traffic and other conditions on roadways, at entrances and exits to roadways, on highways, expressways, or parkways, and at entrances to, and exits from, same, at bridges, at entrances to, and exits from, bridges, at tunnels, in tunnels, at entrances to, and exits from, tunnels, at toll booths, at entrances to toll booth plazas, at parking lots at shopping malls, at stores, at beaches, at sports facilities and arenas and at entertainment facilities and centers.

Figure 4 illustrates a flow diagram of the operation of the apparatus 100 and method of the present invention. The apparatus 100, in the preferred embodiment, is utilized in the following manner. With reference to Figure 4, the operation of the apparatus 100 commences, at step 200, upon activation by the vehicle operator and/or occupant. At step 201, the vehicle operator or occupant will access the web site associated with the central processing computer(s) 20 which service the region in which information is requested. The vehicle operator or occupant may also simply access the central processing computer(s) 20 in an embodiment in which no web site is utilized. The vehicle operator or occupant accesses the

central processing computer(s) 20, or the web site associated with same, via the vehicle computer 10.

The vehicle operator or occupant may access the central processing computer 20 and/or the associated web site directly or, if the central processing computer or the web site associated therewith is not known, the vehicle operator or occupant may utilize vehicle location data obtained from the global positioning device 50 and the data stored in the database 60 in order to identify the central processing computer 20 and/or its associated web site. The position data may be cross correlated with the data stored in the database 60 in order to identify the appropriate central processing computer 20, the web site associated therewith, the appropriate location computers 40 in the region, and the web sites associated therewith.

At step 202, the vehicle operator or occupant then selects the location of the selected roadway, highway, expressway, parkway, bridge, tunnel, toll booth, toll booth plaza, parking lot, shopping mall, store, beach, sports facility or arena, or entertainment facility or center (hereinafter referred to as "location"), which the vehicle operator or occupant wants to obtain video and/or other information about. The vehicle operator or occupant selects the location by entering

information via the input device 16. At step 202, the operator or occupant will select the location by selecting the uniform resource locator (URL) for the web site of the location computer 40 associated with the selected location.

At step 203, the vehicle computer 10 will access the web site of the location computer 40 for the selected location. At step 204, the vehicle operator or occupant can view the video information pertaining to the selected location via the web site of the selected location computer 40. The video information, as well as other information, is obtained via the display device 17 of the vehicle computer 10. Audio information can also be obtained from an audio device (not shown) which is also a component of the vehicle computer 10.

The vehicle operator or occupant, at step 204, can obtain other information pertinent to the selected location, which other information can include text information or audio information, which audio information is obtained from the audio device (not shown). Other information and reports can include, among other things, information regarding traffic conditions, weather conditions, forecasted traffic conditions, forecasted weather conditions, and any other useful information or news regarding the selected location which may be of interest to the

vehicle operator or occupant. Any of the above information, including the video information, can be provided continuously to the vehicle operator or occupant for as long as the vehicle operator or occupant desires to obtain this information from the selected location.

News and/or maintenance services may also provide their respective services and/or information to the vehicle operator or occupant via the web site of the selected location computer 40. In this manner, a news reporting service or maintenance service may provide information, either continuously, and/or at intervals, which is pertinent to the location or which may be of interest to the vehicle operator or occupant.

At step 205, the operator or occupant may select another location to access or decide not to access any further information. At step 206, the vehicle computer 10 will determine if another location was selected by the vehicle operator or occupant. If no other location was selected, the operation of the apparatus 100 will cease at step 207 and the apparatus 100 will await the next activation by the vehicle operator and/or occupant. If, at step 206, it is determined that the vehicle operator or occupant desires to view or obtain information about

another location, the operation of the apparatus 100 will return to step 202 and apparatus operation will continue.

As noted above, the information, which is provided by the present invention, can be utilized in assisting a vehicle operator and/or occupant to determine and/or find the most optimal or the least congested route to their destination. For example, a driver headed to a destination may utilize the present invention in order to view the traffic conditions on several alternate roadways or at bridges, tunnels or toll booths along the way. The driver may then utilize the information obtained in order to travel the least congested route.

Figure 5 illustrates a flow chart of an another preferred embodiment operation of the apparatus 100 of the present invention. With reference to Figure 5, the operation of the apparatus 100 commences, at step 300, upon activation by the vehicle operator and/or occupant. At step 301, the vehicle operator or occupant selects the location of the selected roadway, highway, expressway, parkway, bridge, tunnel, toll booth, toll booth plaza, parking lot, shopping mall, store, beach, sports facility or arena, or entertainment facility or center (hereinafter referred to as "location"), which the vehicle operator or occupant wants to obtain video and/or other

information about. The vehicle operator or occupant selects the location by entering information via the input device 16.

At step 301, the operator or occupant will select the location by selecting the URL for the web site of the location computer 40 associated with the selected location.

At step 302 , the vehicle computer 10 will access the web site of the location computer 40 for the selected location. At step 303, the vehicle operator or occupant can view the video information pertaining to the selected location via the web site of the selected location computer 40. The video information, as well as other information, is obtained via the display device 17 of the vehicle computer 10. The vehicle operator or occupant, at step 303, can obtain other information pertinent to the selected location, which other information can include text information or audio information, which audio information is obtained from the audio device (not shown).

As with the embodiment of Figure 4, the other information and reports can include, among other things, information regarding traffic conditions, weather conditions, forecasted traffic conditions, forecasted weather conditions, and any other useful information regarding the selected location which may be of interest to the vehicle operator or occupant.

Any of the above information, including the video information, can be provided continuously to the vehicle operator or occupant for as long as the vehicle operator or occupant desires to obtain the information from the selected location.

News and/or maintenance services may also provide information to the vehicle operator or occupant via the web site of the selected location computer 40. In this manner, a news reporting service or maintenance service may provide information, either continuously, and/or at intervals, which is pertinent to the location.

At step 304, the operator or occupant may select another location to access or decide not to access any further information. At step 305, the vehicle computer 10 will determine if another location was selected by the vehicle operator or occupant. If no other location was selected, the operation of the apparatus 100 will cease at step 306 and the apparatus 100 will await the next activation by the vehicle operator and/or occupant. If, at step 305, it is determined that the vehicle operator or occupant desires to view or obtain information about another location, the operation of the apparatus 100 will return to step 302 and apparatus operation will continue.

It is important to note that while the vehicle computer 10 could communicate directly with each of the location computers 40 and/or their web sites, the utilization of the central processing computer(s) 20 and its/their associated web site(s) may be desired as a means by which to provide a link with a number of location computers 40 for purposes of convenience. The utilization of a central processing computer 20 also provides a means by which to access numerous locations in different regions and/or geographic areas.

In an alternate embodiment, the present invention may be utilized to provide all of the information described herein, regarding the above-described locations, to a user of a home or personal computer including a laptop computer. Figure 6 illustrates an alternate embodiment of the apparatus of the present invention. In Figure 6, the apparatus, which is designated by the reference numeral 200, includes a personal computer 70. The user of the personal computer may utilize the apparatus and method of the present invention, in the manner described herein so as to obtain any and all of the herein-described location information via the personal computer 70.

The personal computer 70 can communicate with the vehicle computer 10 so that the personal computer 70 can be

utilized to exercise control over the vehicle computer 10 and so as to obtain data and information therefrom. Vehicle position data may be obtained from the global positioning device 50 via the vehicle computer 10 and be utilized by the personal computer 70 so as to determine the location of the vehicle and the location or link information needed to access the central processing computer(s) 20 in the geographic region or area in which the vehicle is located. Location and link information for all of the location computers 40 in the geographic region or area can also be provided to the personal computer 70.

The personal computer 70 can also communicate with any one of the central processing computers 20 and with any one or all of the location computers 40 which are utilized with the apparatus of the present invention.

The personal computer 70 may be any one or more of a home computer, a laptop computer, a handheld computer, a palmtop computer, a television, an interactive television, a digital television, a personal digital assistant, a telephone, a digital telephone, a personal communication device, and a personal communications services device. In this manner, information about any of the herein-described locations can be available to a user at, or from, any location.

In and or all of the embodiments described herein, the vehicle computer 10 may access, and obtain data and/or information directly from the central processing computer(s) 20 which service the region and/or directly from any of the location computers 40. It is also understood that any of the location computers 40 can be accessed via a respective central processing computer(s) 20.

In another preferred embodiment, the vehicle computer 10 includes a microphone (not shown) which, along with associated voice recognition software, allows the vehicle operator or occupant to operate and/or interact with the vehicle computer 10 in a hands-free mode. The vehicle computer 10 can also include a speaker (not shown) for providing audio information regarding vehicle computer operation, information regarding roadways, highways, parkways, expressways, bridges, tunnels, tolls, and/or regarding any other herein-described information which can be of interest to the vehicle operator or occupant. In this manner, the vehicle computer 10 can provide information to the vehicle operator or occupant without requiring the vehicle operator or occupant to have to look at the monitor, video screen, or display device of the vehicle computer 10.

In any of the preferred embodiments described herein, vehicle location data may be entered and/or updated manually by the vehicle operator or occupant such as by selecting location or position information from a menu selection. The selected location will have correlated therewith its latitude and longitude data as well as any other suitable position or location data or information. Vehicle location data can also be entered and/or updated automatically by the global positioning device 50. The entered or updated data may then be processed by the vehicle computer 10 or transmitted to, and processed by, the respective central processing computer(s) 20.

In another preferred embodiment, the apparatus 100 can provide continuous updates of the travel route up ahead. In this embodiment, the vehicle computer 10, having the current vehicle location data or information and destination data or information, can provide automatic sequencing of the video information obtained from the various cameras 30 along the planned travel route. For example, in travel from location A to location Z, the vehicle computer 10, will ascertain, from travel route information stored in the database 60, that locations or points A through Y are located along the planned travel route. The vehicle computer 10 can then sequentially present, to the vehicle operator or occupant, the video information and/or other

information obtained by the respective cameras 30 for each of respective locations or points B through Z along the travel route.

The video image presented for each location or point may be timed so as to allow the vehicle operator or occupant adequate time to see it. The vehicle computer can also be programmed to continuously play and replay the travel route video or other information. Video or other information display or presentation time, along with whether continuous replays, can be selected and/or programmed by the vehicle operator or occupant.

The vehicle computer 10 is also programmed to detect change in travel route or a departure from a previous route. If the vehicle computer 10 detects a change in a travel route or a departure from a previous route, the vehicle computer 10 will prompt the vehicle operator or occupant for information as to whether a new destination is intended and re-compute a new travel route from the data or information stored in the database 60.

If the same destination is intended, the vehicle computer 10 will revise the travel route. Change in travel or departure from a previous route may be detected by the manual entry of new location data or new destination data, and/or by the

location data obtained from the global positioning device 50. The global positioning device 50, in any of the embodiments described herein, may be operate continuously and/or at any other time or time interval.

In another preferred embodiment, the central processing computer(s) 20 may perform the same functions described above, in the case of the vehicle computer 10, by obtaining vehicle location and destination data from the vehicle computer 10, by processing same in the exact manner described above in the case of the vehicle computer 10, and by transmitting the video and other information for the various locations or points to the vehicle computer 10.

In any of the preferred embodiments described herein, vehicle location data may be entered and/or updated manually by the vehicle operator or occupant such as by selecting location or position information from a menu selection. The selected location will have correlated therewith its latitude and longitude data as well as any other suitable position or location data or information. Vehicle location data can also be entered and/or updated automatically by the global positioning device 50. The entered or updated data may then be processed by the vehicle

computer 10 or transmitted to, and processed by, the respective central processing computer(s) 20.

In this embodiment, the central processing computer 20, having the current vehicle location data or information and destination data or information, can provide automatic sequencing of the video information obtained from the various cameras 30 along the planned travel route. For example, in travel from location A to location Z, the central processing computer 20, will ascertain, from travel route information stored in the database 65, that locations or points A through Y are located along the planned travel route. The central processing computer 20 can then sequentially present and transmit to the vehicle computer 10 and the vehicle operator or occupant, the video information and/or other information obtained by the respective cameras 30 for each of respective locations or points along the travel route.

As in the previously described embodiment, the video image presented for each location or point may be timed so as to allow the vehicle operator or occupant adequate time to see it. The central processing computer can also be programmed to continuously play and replay the travel route video or other information. Video or other information display or presentation

time, along with whether continuous replays, can be selected and/or programmed by the vehicle operator or occupant via the vehicle computer 10.

The central processing computer 20 is also programmed to detect change in travel route or a departure from a previous route. If the central processing computer 20 detects a change in a travel route or a departure from a previous route, the central processing computer 20 will prompt the vehicle operator or occupant for information as to whether a new destination is intended and re-compute a new travel route from the data or information stored in the database 65.

If the same destination is intended, the central processing computer 20 will revise the travel route. Change in travel or departure from a previous route may be detected by the manual entry of new location data or new destination data, and/or by the location data obtained from the global positioning device 50 or the vehicle computer 10. The global positioning device 50, in any of the embodiments described herein, may be operate continuously and/or at any other time or time interval.

In this manner, the apparatus and method of the present invention can provide video and other information about a travel

route or location or point along, or on, a travel route, in real-time.

In another preferred embodiment, an individual can preview the travel route for an anticipated or planned travel route via the personal computer 70, such as from home or from the office or from any other place. The individual may also preview the travel route via the vehicle computer 10 prior to embarking on his journey or before leaving his driveway.

The present invention provides real-time traffic conditions, road conditions and weather conditions and provides valuable information to any traveler.

The present invention may be utilized, in all of the herein-described embodiments, in conjunction with vehicles of any type, including automobiles, recreational vehicles, motorcycles, motor homes, mobile homes, commercial vehicles, commercial equipment, marine vehicles, marine vessels, boats, aircraft, airplanes, jets, helicopters and any other vehicle or piece of equipment. In this manner, an operator or occupant of the vehicle or piece of equipment may benefit from the utilization of the apparatus and method of the present invention.

The present invention describes an apparatus and a method for providing the above-described information about the above-described locations so as to provide a vehicle operator and/or occupant with valuable information concerning the roadways, bridges, tunnels, toll booths and/or parking lots, as well as other locations, which would enable the vehicle operator and/or occupant to make informed driving and/or traveling decisions. For example, a vehicle operator traveling to a given destination, may wish to view various locations along the way to minimize driving and/or traveling time and/or effort.

By utilizing the apparatus and method of the present invention, the vehicle operator may view roadways, bridges, tunnels, toll booths, and other entities along the way, so as to select the route with the least traffic, congestion or delays. Further, the apparatus and method of the present invention provides an embodiment for allowing a user of a home or personal computer to obtain the same information from his or her home or other location, so as to more carefully plan out his or her trip beforehand. As noted above, the present invention can be utilized to provide information and coverage internationally.

While the present invention has been described and illustrated in various embodiments, such description and

illustrations are merely illustrative of the present invention and are not to be construed to be limitations thereof.

Accordingly, the present invention encompasses any and all modifications, variations, and/or alternate embodiments, with the scope of the present invention being limited only by the claims which follow.

CLAIMS

What is claimed is:

1. An apparatus for providing information to a vehicle operator or occupant, which comprises:

a receiver for receiving a request for information from a vehicle operator or occupant;

a processing device for processing the request for information; and

a transmitter for transmitting the requested information to the vehicle operator or occupant,

wherein said information includes video information regarding one of a traffic condition and a road condition.

2. The apparatus of claim 1, wherein said requested information is obtained from a video camera.

3. The apparatus of claim 1, wherein said video camera

is located at a location for viewing at least one of a roadway, an entrance to a roadway, an exit from a roadway, a bridge, a bridge entrance, a bridge exit, a tunnel, inside a tunnel, a tunnel entrance, a tunnel exit, a toll booth, an entrance to a toll booth plaza, and a parking lot.

4. The apparatus of claim 1, wherein the request for information includes position information for the vehicle.

5. The apparatus of claim 1, further comprising:

a database which comprises data regarding a plurality of locations.

6. The apparatus of claim 1, wherein said apparatus provides at least one of video information, text information, and audio information.

7. The apparatus of claim 6, wherein said at least one of video information, text information, and audio information, includes at least one of traffic information, a traffic forecast, weather information, a weather forecast, and a news report.

8. The apparatus of claim 1, wherein said apparatus

is utilized over a communication network.

9. A method for providing information to a vehicle operator or occupant, which comprises:

receiving a request for information from a vehicle operator or occupant;

processing the request for information; and

transmitting the requested information to the vehicle operator or occupant,

wherein said information includes video information regarding one of a traffic condition and a road condition.

10. The method of claim 9, wherein said requested information is obtained from a video camera.

11. The method of claim 9, wherein said video camera is located at a location for viewing at least one of a roadway, an entrance to a roadway, an exit from a roadway, a bridge, a bridge entrance, a bridge exit, a tunnel, inside a tunnel, a

tunnel entrance, a tunnel exit, a toll booth, an entrance to a toll booth plaza, and a parking lot.

12. The method of claim 9, wherein the request for information includes position information for the vehicle.

13. The method of claim 9, further comprising:

storing location data for a plurality of locations.

14. The method of claim 9, further comprising:

providing at least one of video information, text information, and audio information to a vehicle operator or occupant.

15. The method of claim 14, wherein said at least one of video information, text information, and audio information, includes at least one of traffic information, a traffic forecast, weather information, a weather forecast, and a news report.

16. An apparatus for providing information to a vehicle operator or occupant, which comprises:

an input device for inputting a request for information from a vehicle operator or occupant;

a processing device for requesting the request for information;

a transmitter for transmitting an information request signal to a servicing entity; and

a receiver for receiving a response signal from the servicing entity,

wherein said response signal includes video information regarding one of a traffic condition and a road condition.

17. The apparatus of claim 16, further comprising:

a display device for displaying said video information.

18. The apparatus of claim 16, further comprising:

means for receiving one of text information and audio information.

19. The apparatus of claim 16, further comprising:

a head-up display device.

20. The apparatus of claim 16, further comprising:

a database for storing location information for a plurality of location.

ABTRACT OF THE DISCLOSURE

An apparatus and method for providing information to a vehicle operator or occupant, which includes a receiver, for receiving a request for information from a vehicle operator or occupant, a processing device, for processing the request for information, and a transmitter, for transmitting the requested information to the vehicle operator or occupant. The information includes video information regarding one of a traffic condition and a road condition.

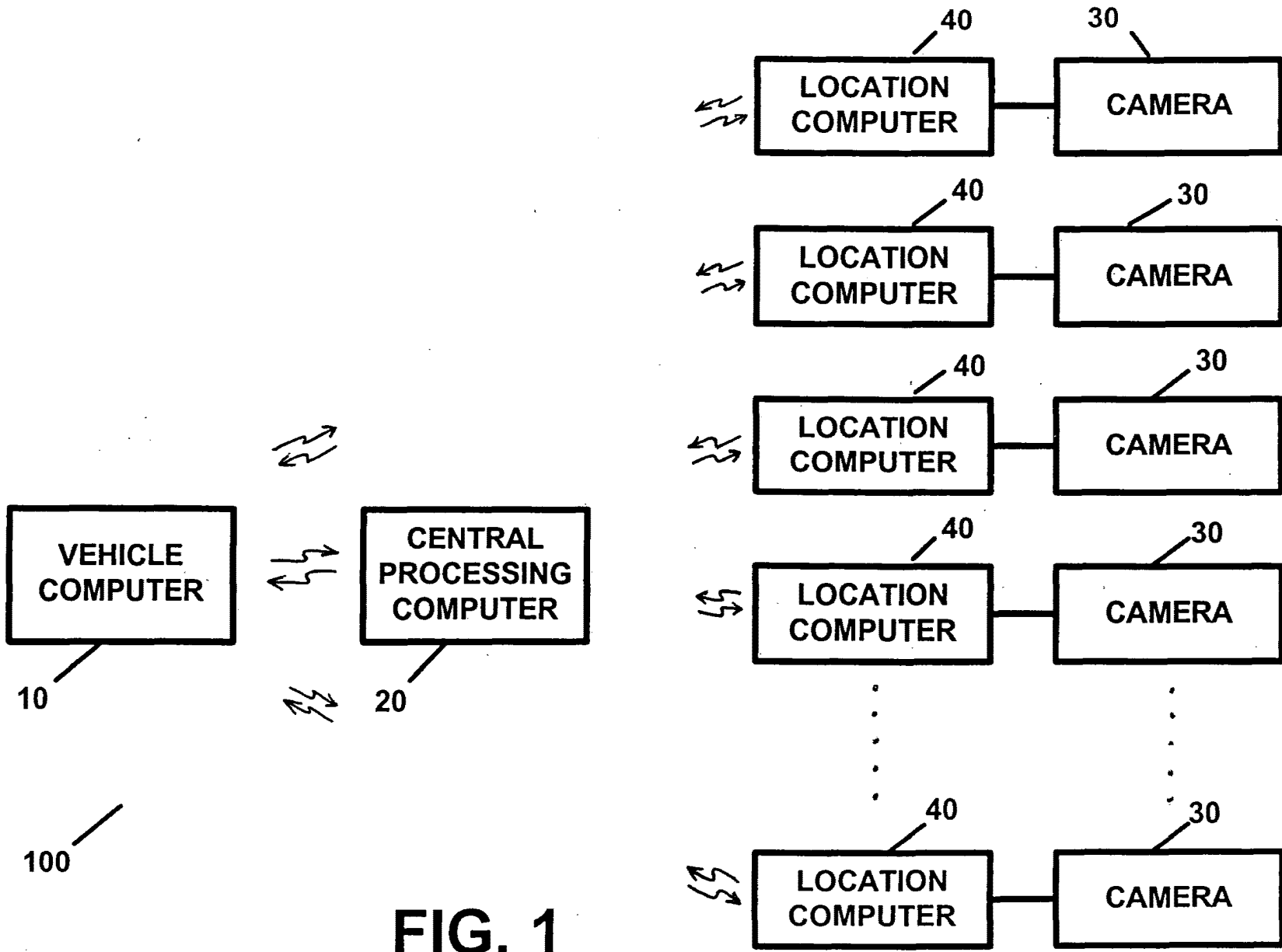


FIG. 1

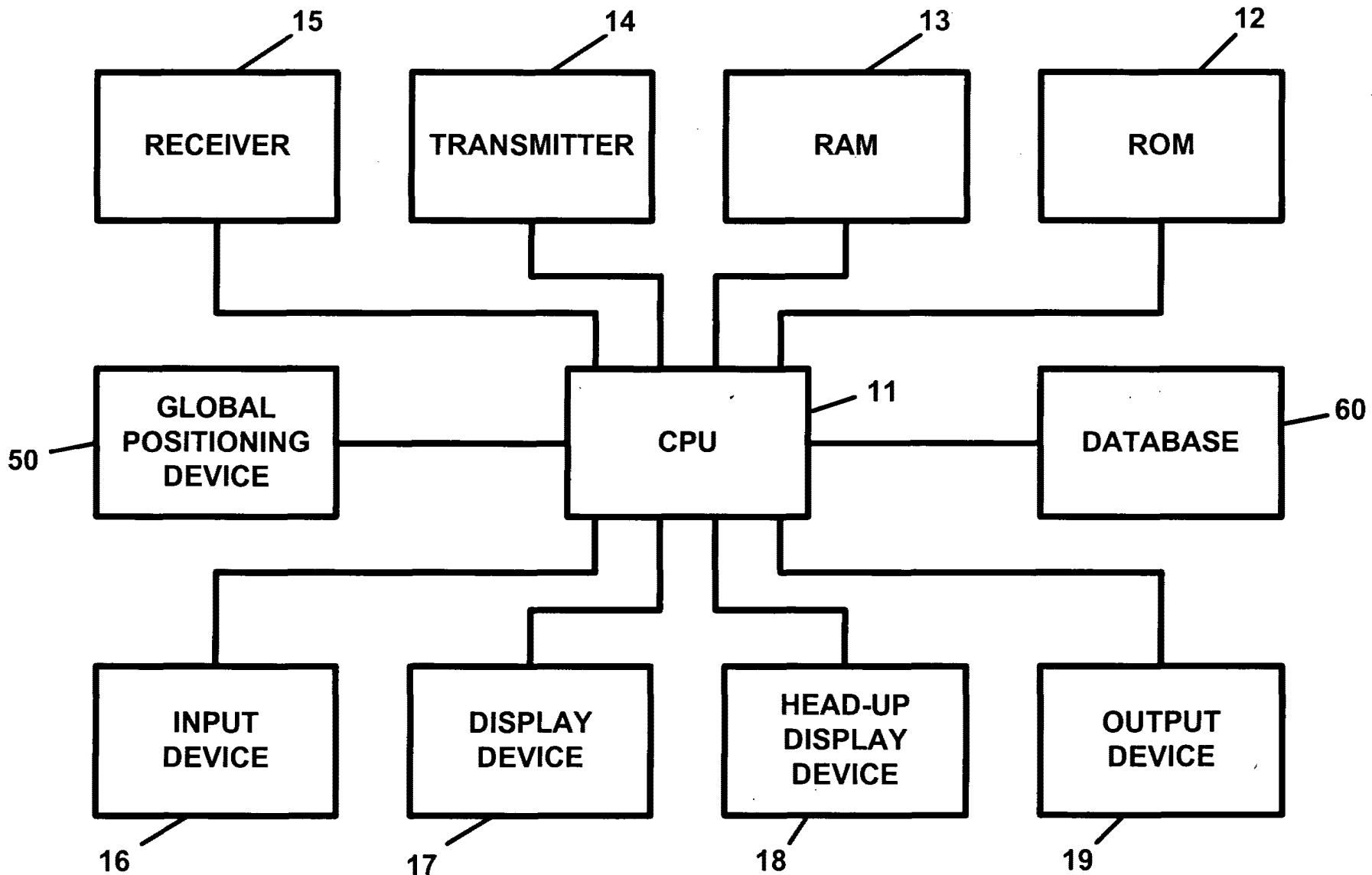


FIG. 2

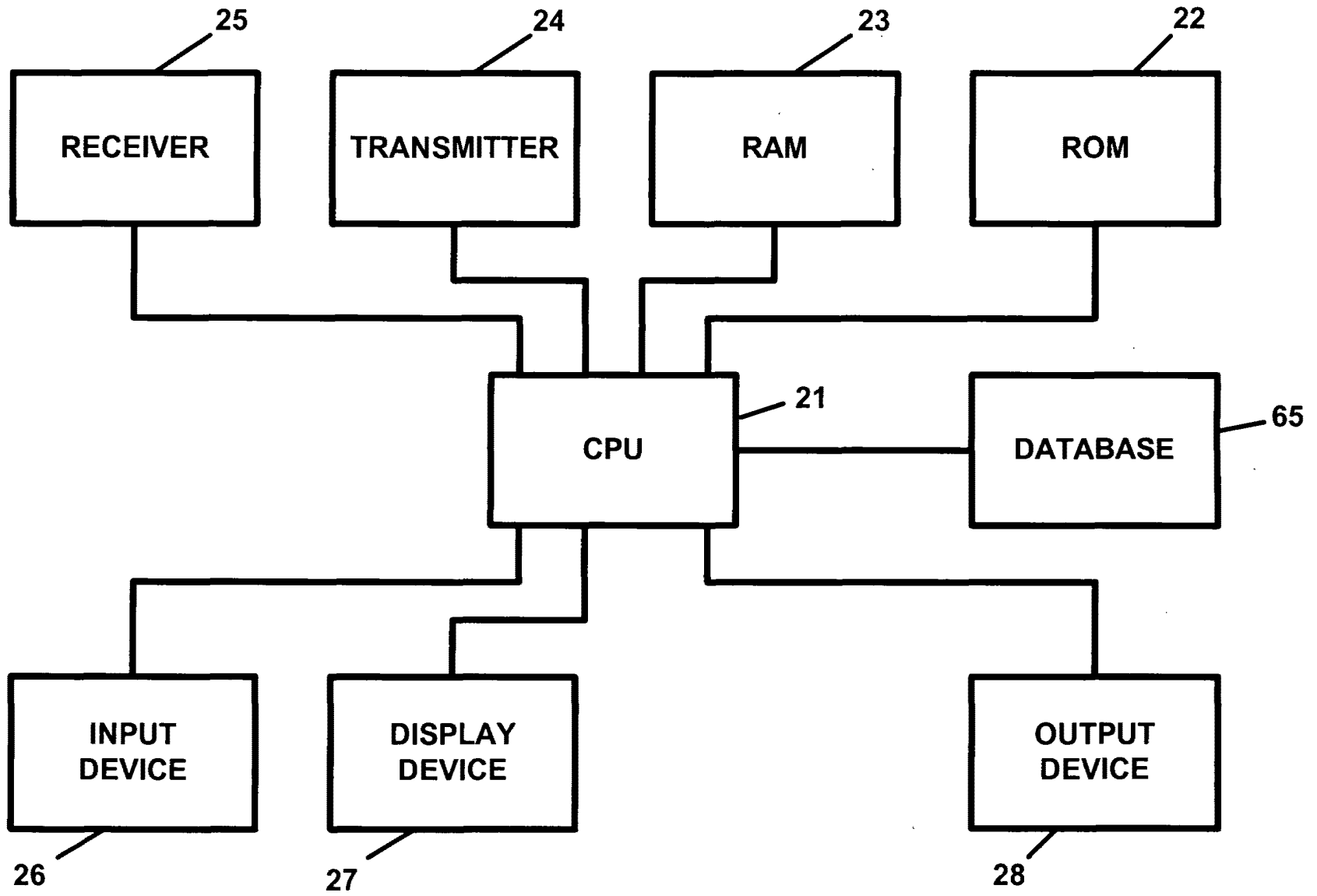


FIG. 3

20

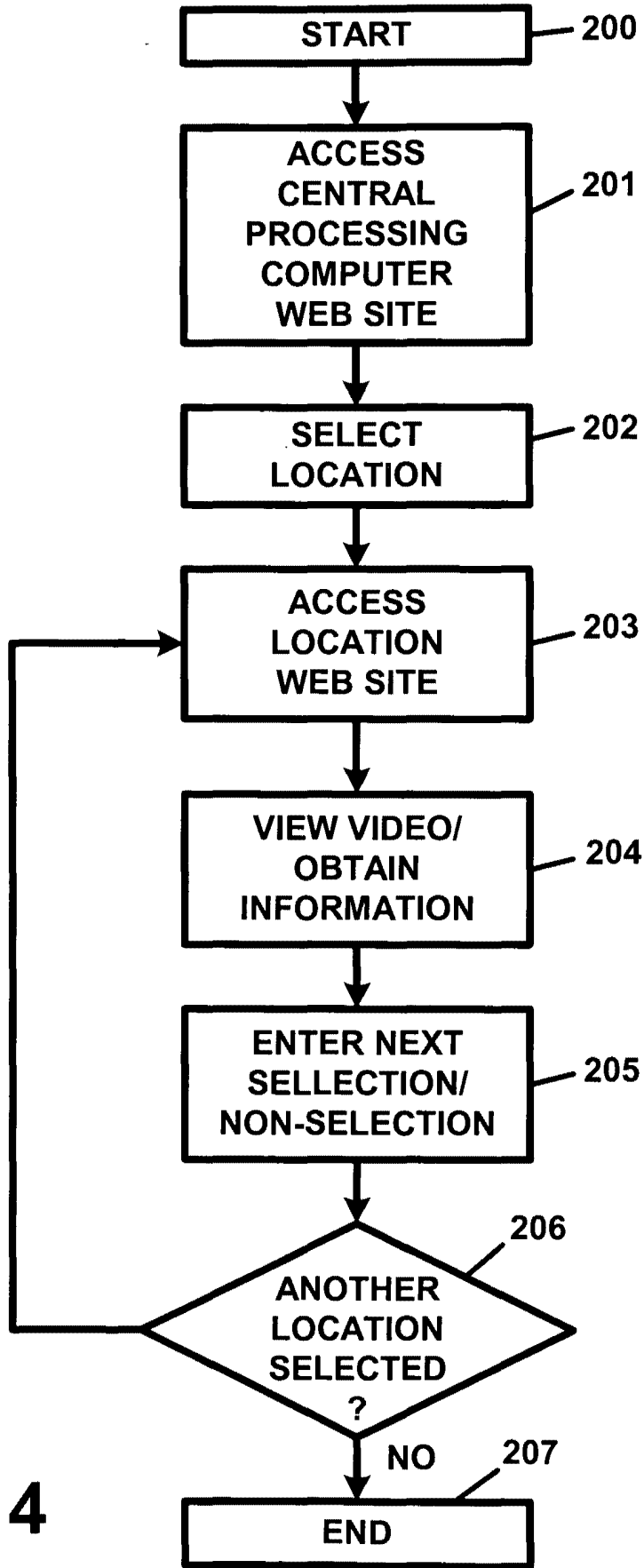


FIG. 4

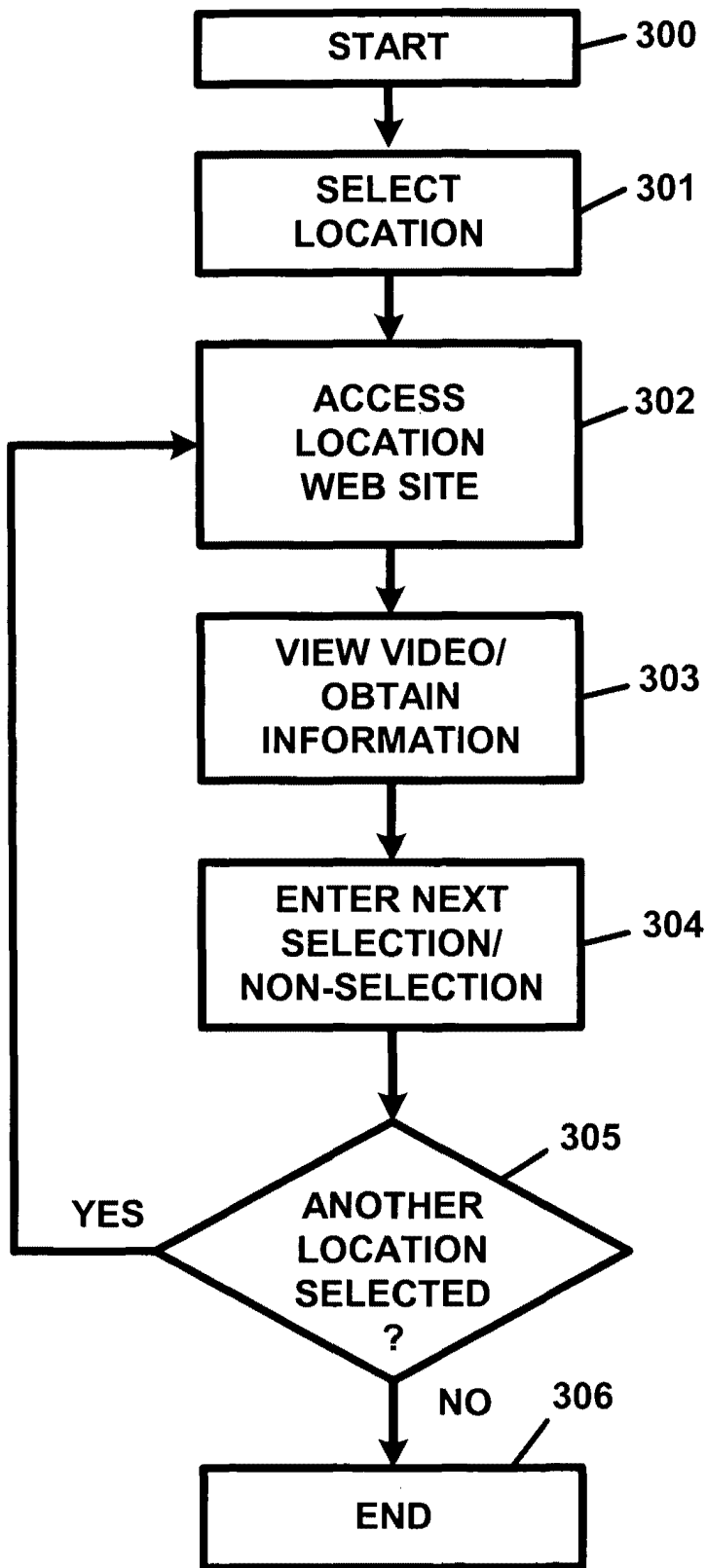


FIG. 5

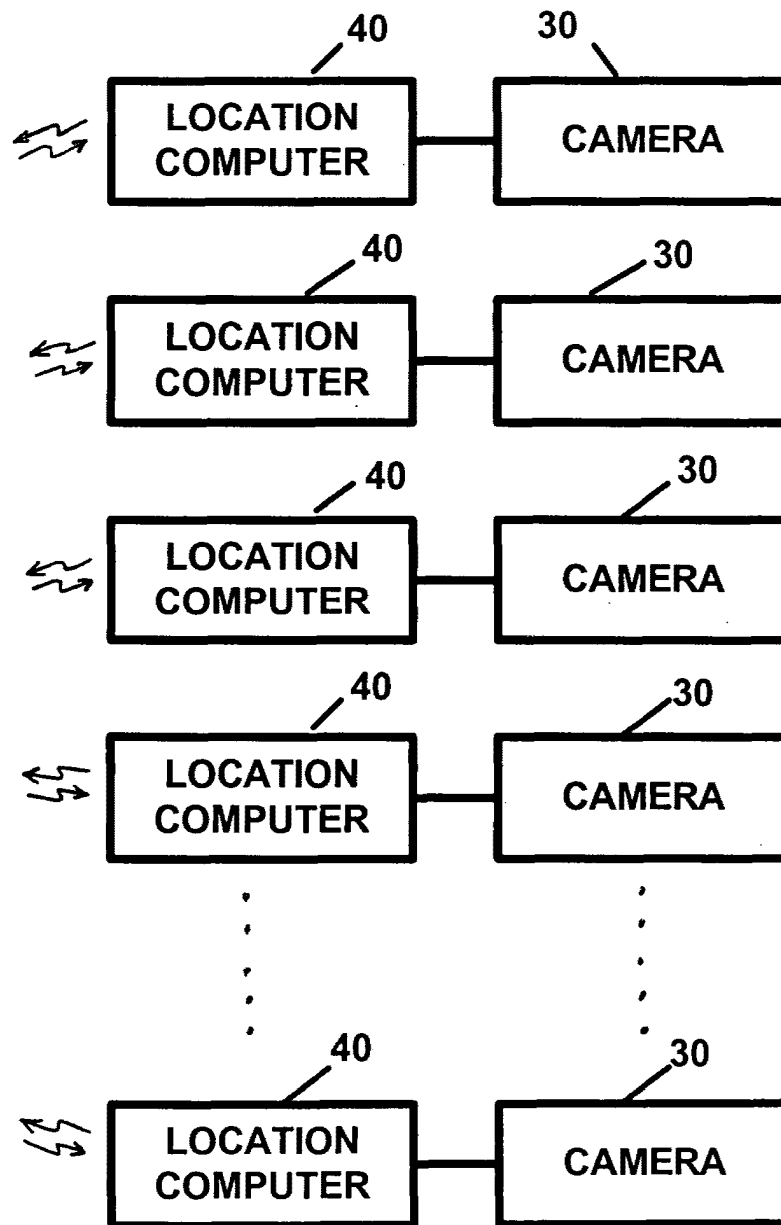
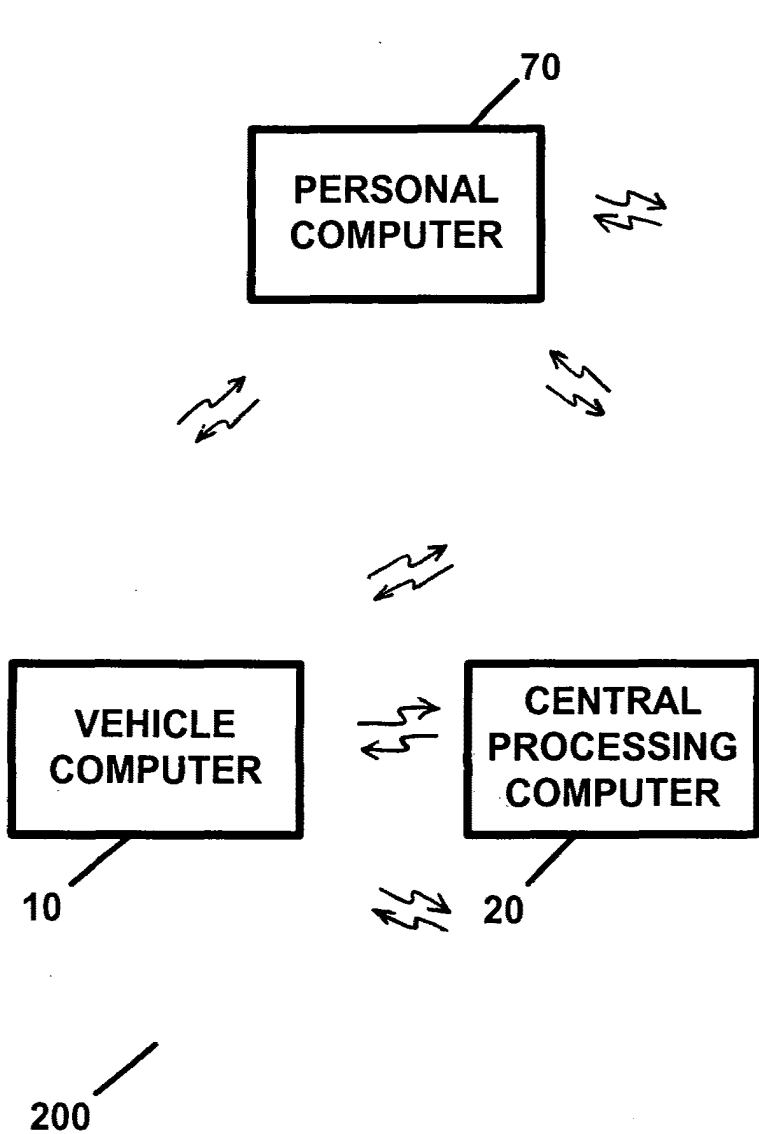


FIG. 6

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)	Attorney Docket Number	RJ020
	First Named Inventor	RAYMOND A. JOAO
	<i>COMPLETE IF KNOWN</i>	
	Application Number	/
	Filing Date	MARCH 1, 1999
	Group Art Unit	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
Examiner Name		

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

the specification of which (Title of the Invention)

is attached hereto
OR
 was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/076,800	MARCH 4, 1998	

[Page 1 of 2]

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U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number → Place Customer Number Bar Code Label here
 OR
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: Customer Number or Bar Code Label OR Correspondence address below

Name	RAYMOND A. JOAO, ESQ.				
Address	122 BELLEVUE PLACE				
Address					
City	YONKERS	State	N. Y.	ZIP	10703
Country	U. S. A.	Telephone	914-969-2992	Fax	914-969-2992

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
RAYMOND ANTHONY	JOAO

Inventor's Signature	Date	3/1/99
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Residence: City	YONKERS	State	N. Y.	Country	U. S. A.	Citizenship	U. S. A.
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Post Office Address

Post Office Address

City	YONKERS	State	N. Y.	ZIP	10703	Country	U. S. A.
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Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing OR <input type="checkbox"/> Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(f) required)	Attorney Docket Number	RJ021
	First Named Inventor	RAYMOND A. JOAO
	COMPLETE IF KNOWN	
	Application Number	PLEASE ASSIGN
	Filing Date	JANUARY 23, 2012
	Art Unit	2486
	Examiner Name	A. RAO

I hereby declare that: (1) Each inventor's residence, mailing address, and citizenship are as stated below next to their name; and (2) I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled:

VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

(Title of the Invention)

the application of which

is attached hereto

OR

was filed on (MM/DD/YYYY) _____ as United States Application Number or PCT International Application Number _____ and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Authorization To Permit Access To Application by Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

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DECLARATION — Utility or Design Patent Application**Claim of Foreign Priority Benefits**

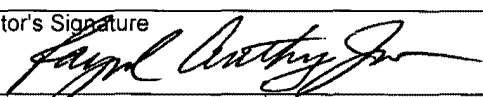
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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DECLARATION — Utility or Design Patent Application

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Address 122 BELLEVUE PLACE						
City YONKERS		State NEW YORK		Zip 10703		
Country U.S.A.		Telephone 914-969-2992		Email rayjoao@verizon.net		
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NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any]) RAYMOND ANTHONY			Family Name or Surname JOAO			
Inventor's Signature 			Date 1/23/2012			
Residence: City YONKERS		State NEW YORK		Country U.S.A.		Citizenship U.S.A.
Mailing Address 122 BELLEVUE PLACE						
City YONKERS		State NEW YORK		Zip 10703		Country U.S.A.
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto						

"Express Mail" No.: EG223182488US Date: January 23, 2012
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Raymond A. Joao

RJ021
CONT. of RJ020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: PLEASE ASSIGN (CONT. OF S.N. 09/259,957)

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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:

Page 2, before line 1, please insert the following new paragraph:

-- RELATED APPLICATIONS

This application is a continuation application of U.S. Patent Application Serial No. 09/259,957, filed March 1, 1999, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", the subject matter and teachings of which are hereby incorporated by reference herein in their entirety. U.S. Patent Application Serial No. 09/259,957, filed March 1, 1999, claims the benefit of the priority of U.S. Provisional Patent Application Serial No. 60/076,800, filed March 4, 1998, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", the subject matter and teachings of which are hereby incorporated by reference herein in their entirety. --

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 amended the Specification by inserting on page 2, before line 1, the "RELATED APPLICATIONS" section and Applicant's claim of priority in the above-identified application. The "RELATED APPLICATIONS" section and Applicant's claim of priority reads as follows:

-- RELATED APPLICATIONS

This application is a continuation application of U.S. Patent Application Serial No. 09/259,957, filed March 1, 1999, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", the subject matter and teachings of which are hereby incorporated by reference herein in their entirety. U.S. Patent Application Serial No. 09/259,957, filed March 1, 1999, claims the benefit of the priority of U.S. Provisional Patent Application Serial No. 60/076,800,

filed March 4, 1998, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", the subject matter and teachings of which are hereby incorporated by reference herein in their entirety. --

Applicant respectfully submits that the above amendment to the Specification does not contain new matter.

Entry of this Preliminary Amendment, before any official action is taken in this case, is respectfully requested.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

January 23, 2012

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

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/25/2012 MBLANCO 00000032 13374915

01 FC:2011
02 FC:2111
03 FC:2311

190.00 OP
310.00 OP
125.00 OP

PTO-1556
(5/87)

Notice of Fee Due

Date: 1-25-12

Application Number: 13/374915

A fee is due for the attached document for the reason indicated below. Please check the application for the appropriate authorization to charge a deposit account. If an authorization is present, please charge the appropriate fee*. If an authorization is not present, notify the applicant of the fee deficiency.

***If the fee due is for any of the filing fees, check for authorization to charge the surcharge. If authorization is present, charge the surcharge for late payment of the filing fees as well.**

- Insufficient payment by check or money order.
- Insufficient funds in deposit account _____ at _____:_____ (time).
- ~~Insufficient payment by credit card.~~
- Declined credit card _____:_____ (time).
- No authorization to charge a deposit account.

Fee code(s) to be applied: 2090 \$ 200.00

Amount in holding fee code:

<u>1506</u>	_____
<u>1622/2622</u>	_____
<u>1999</u>	_____

Total remaining due from applicant: \$ 200.00

RAM Operator MB



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. Row 1: 13/374,915, 01/23/2012, 2486, 625, RJ021, 20, 3

CONFIRMATION NO. 9217

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

FILING RECEIPT



Date Mailed: 02/07/2012

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

Applicant(s)

Raymond Anthony Joao, Yonkers, NY;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 09/259,957 03/01/1999
which claims benefit of 60/076,800 03/04/1998

Foreign Applications (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 02/03/2012

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 13/374,915

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Vehicle operator and/or occupant information apparatus and method

Preliminary Class

348

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 (1-866-999-4158).

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).

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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 USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage, facilitate, and accelerate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.



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 4 columns: APPLICATION NUMBER (13/374,915), FILING OR 371(C) DATE (01/23/2012), FIRST NAMED APPLICANT (Raymond Anthony Joao), ATTY. DOCKET NO./TITLE (RJ021)

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

CONFIRMATION NO. 9217
FORMALITIES LETTER



Date Mailed: 02/07/2012

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total fee(s) required within TWO MONTHS from the date of this Notice is \$200 for a small entity

- A non-electronic filing fee of \$200 for a small entity is required because the application was not filed by the USPTO's electronic filing system, EFS-Web. Section 10(h) of the Leahy-Smith America Invents Act (Public Law 112-29) requires an additional non-electronic filing fee of \$400 (\$200 for a small entity) for any nonprovisional application filed on or after November 15, 2011, other than by the USPTO's electronic filing system (EFS-Web), except for a reissue, design, or plant application. See also 37 CFR 1.16(t).

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/bcao/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number
13/374,915

APPLICATION AS FILED - PART I

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(j))	20 minus 20 = *	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 = *	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

RATE(\$)	FEE(\$)
N/A	190
N/A	310
N/A	125
x 30 =	0.00
x 125 =	0.00
	0.00
TOTAL	625

OR OTHER THAN SMALL ENTITY

RATE(\$)	FEE(\$)
N/A	
N/A	
N/A	
TOTAL	

APPLICATION AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	*	Minus	**	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=
	Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					

SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	*	Minus	**	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=
	Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.



UNITED STATES PATENT AND TRADEMARK OFFICE

JFW

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021

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

CONFIRMATION NO. 9217
FORMALITIES LETTER



Date Mailed: 02/07/2012

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total fee(s) required within **TWO MONTHS** from the date of this Notice is **\$200** for a small entity

- A non-electronic filing fee of **\$200** for a small entity is required because the application was not filed by the USPTO's electronic filing system, EFS-Web. Section 10(h) of the Leahy-Smith America Invents Act (Public Law 112-29) requires an additional non-electronic filing fee of \$400 (\$200 for a small entity) for any nonprovisional application filed on or after November 15, 2011, other than by the USPTO's electronic filing system (EFS-Web), except for a reissue, design, or plant application. See also 37 CFR 1.16(t).

02/14/2012 HBLANCO 00000025 13374915
01 FC:2090 200.00 OP

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Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.


If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/bcao/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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 Mail Stop Missing Parts, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 10, 2012.




Raymond A. Joao


RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD 

EXAMINER : A. RAO

GROUP : 2486

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION

Sir:

This is a Response To Notice To File Missing Parts Of Nonprovisional Application in the above-identified application. The Notice To File Missing Parts Of

Nonprovisional Application, mailed February 7, 2012, requires that Applicant file payment of the non-electronic filing fee of \$200.00 for a small entity in the above-identified application. Entry of this Response To Notice To File Missing Parts Of Nonprovisional Application and Applicant's payment of the \$200.00 non-electronic filing fee submitted herewith is respectfully requested.

Applicant submits herewith a Credit Card Payment Form for \$200.00 for payment of the required non-electronic filing fee of \$200.00 in the above-identified application. A Fee Transmittal Sheet (in duplicate), for the payment of the \$200.00 non-electronic filing fee, is also submitted herewith.

Applicant also submits herewith a copy of the Notice To File Missing Parts Of Nonprovisional Application mailed on February 7, 2012.

Applicant respectfully requests that this Response To Notice To File Missing Parts Of Nonprovisional Application, and Applicant's payment of \$200.00 for payment of the required

non-electronic filing fee, be entered in the above-identified application.

Respectfully Submitted,

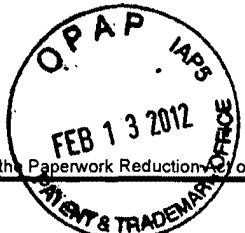


Raymond A. Joao
Reg. No. 35,907

- Encls.: - Credit Card Payment Form for \$200.00 for payment of the required non-electronic filing fee
- A Fee Transmittal Sheet (in duplicate) for the payment of the \$200.00 non-electronic filing fee
 - Copy of the Notice To File Missing Parts Of Nonprovisional Application mailed on February 7, 2012
 - Return Receipt Postcard

February 10, 2012

Raymond A. Joao, Esq.
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

FEE TRANSMITTAL

Complete if Known

Application Number	13/374,915
Filing Date	JANUARY 23, 2012
First Named Inventor	RAYMOND A. JOAO
Examiner Name	A. RAO
Art Unit	2486
Attorney Docket No.	RJ021

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 200.00

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: _____ Deposit Account Name: _____
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
 Charge fee(s) indicated below Charge fee(s) indicated below, **except for the filing fee**
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

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.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	380	190	620	310	250	125	_____
Design	250	125	120	60	160	80	_____
Plant	250	125	380	190	200	100	_____
Reissue	380	190	620	310	750	375	_____
Provisional	250	125	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	60	30
Each independent claim over 3 (including Reissues)	250	125
Multiple dependent claims	450	225

Total Claims _____ - 20 or HP = _____ x _____ = _____ Fee Paid (\$)
 HP = highest number of total claims paid for, if greater than 20.

Indep. Claims _____ - 3 or HP = _____ x _____ = _____ Fee Paid (\$)
 HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets _____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____ Fee Paid (\$)
 Extra Sheets _____ Number of each additional 50 or fraction thereof _____ Fee (\$)
 _____ / 50 = _____ (round up to a whole number) x _____ = _____ Fee Paid (\$)

4. OTHER FEE(S)

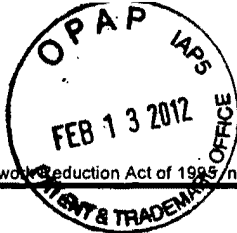
Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)
 Other (e.g., late filing surcharge): **NON-ELECTRONIC FILING FEE** \$200.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	35,907	Telephone	914-969-2992
Name (Print/Type)	RAYMOND A. JOAO	Date	2/10/12		

This collection of information is required by 37 CFR 1.136. 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 30 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, 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 and select option 2.



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

Complete if Known

Application Number	13/374,915
Filing Date	JANUARY 23, 2012
First Named Inventor	RAYMOND A. JOAO
Examiner Name	A. RAO
Art Unit	2486
Attorney Docket No.	RJ021

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 200.00

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

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.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	380	190	620	310	250	125	_____
Design	250	125	120	60	160	80	_____
Plant	250	125	380	190	200	100	_____
Reissue	380	190	620	310	750	375	_____
Provisional	250	125	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	60	30
Each independent claim over 3 (including Reissues)	250	125
Multiple dependent claims	450	225

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**
 _____ - 20 or HP = _____ x _____ = _____
 HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
 _____ - 3 or HP = _____ x _____ = _____
 HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 = _____ (round up to a whole number)	x _____ = _____	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) **Fees Paid (\$)**
 Other (e.g., late filing surcharge): **NON-ELECTRONIC FILING FEE** **\$200.00**

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	35,907	Telephone	914-969-2992
Name (Print/Type)	RAYMOND A. JOAO			Date	2/10/12

This collection of information is required by 37 CFR 1.136. 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 30 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, 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.

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number
13/374,915

APPLICATION AS FILED - PART I

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(j))	20 minus 20 = *	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 = *	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

RATE(\$)	FEE(\$)
N/A	190
N/A	310
N/A	125
x 30 =	0.00
x 125 =	0.00
	0.00
	0.00
TOTAL	625

OR OTHER THAN SMALL ENTITY

RATE(\$)	FEE(\$)
N/A	
N/A	
N/A	
TOTAL	

APPLICATION AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	*	Minus	**	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=
	Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					

SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	*	Minus	**	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=
	Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					

SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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P.O. Box 1450
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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. Row 1: 13/374,915, 01/23/2012, 2486, 825, RJ021, 20, 3

CONFIRMATION NO. 9217

UPDATED FILING RECEIPT

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



Date Mailed: 02/24/2012

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

Applicant(s)

Raymond Anthony Joao, Yonkers, NY;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 09/259,957 03/01/1999
which claims benefit of 60/076,800 03/04/1998

Foreign Applications (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 02/03/2012

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 13/374,915

Projected Publication Date: 05/31/2012

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Vehicle operator and/or occupant information apparatus and method

Preliminary Class

348

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 (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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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).

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FEB 28 2012

I hereby certify that this correspondence is being transmitted via facsimile transmission to the United States Patent and Trademark Office at 571-273-8300 on February 28, 2012.


Raymond A. Joao

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO. : 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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 application, is respectfully requested.

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FEB 28 2012

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claims 1-20, without prejudice, and please add new Claims 21-40, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-20. (Canceled)

Claim 21. (New) An apparatus, comprising:

a global positioning device for determining a location of the apparatus;

a processing device, wherein the processing device processes information regarding the location of the apparatus and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the

speaker provides audio information regarding the travel route;
and

a receiver for receiving traffic information or
information regarding a traffic condition, wherein the traffic
information or the information regarding a traffic condition
is transmitted from a computer, a transmitter, or a device,
located at a location remote from the apparatus,

wherein the apparatus provides the traffic information
or the information regarding a traffic condition via the
display device or via the speaker.

Claim 22. (New) The apparatus of Claim 21, wherein
the apparatus detects a departure from the travel route, and
further wherein the apparatus determines or identifies a
second travel route to the destination, and further wherein
the apparatus provides information regarding the second travel
route.

Claim 23. (New) The apparatus of Claim 21, wherein
the apparatus receives video information regarding the travel
route or video information regarding a second travel route to
the destination, and further wherein the apparatus provides

the video information regarding the travel route or the video information regarding the second travel route.

Claim 24. (New) The apparatus of Claim 21, wherein the video information regarding the travel route or the video information regarding the second travel route is obtained with or by at least one camera located along, on, adjacent to, or near, the travel route or the second travel route via the display device.

Claim 25. (New) The apparatus of Claim 21, wherein the apparatus provides a video preview of the travel route or a video preview of a second travel route to the destination.

Claim 26. (New) The apparatus of Claim 21, wherein the apparatus receives information regarding a traffic forecast associated with the travel route or a traffic forecast associated with a second travel route to the destination, and further wherein the apparatus provides the information regarding the traffic forecast associated with the travel route or the traffic forecast associated with the second travel route.

Claim 27. (New) The apparatus of Claim 21, wherein the apparatus receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route.

Claim 28. (New) The apparatus of Claim 21, wherein the apparatus receives information regarding a weather condition, weather information, a forecasted weather condition, or a weather forecast, and further wherein the apparatus provides the information regarding the weather condition, the weather information, the forecasted weather condition, or the weather forecast.

Claim 29. (New) The apparatus of Claim 21, wherein the apparatus receives information regarding a news report, and further wherein the apparatus provides the information regarding the news report.

Claim 30. (New) The apparatus of Claim 21, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 31. (New) The apparatus of Claim 21, wherein the apparatus receives travel route information transmitted from a computer, a transmitter, or a device, located remote from the apparatus, and further wherein the apparatus provides the travel route information.

Claim 32. (New) The apparatus of Claim 21, further comprising:

a microphone and voice recognition software for providing a hands-free mode of apparatus operation.

Claim 33. (New) The apparatus of Claim 21, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from or associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 34. (New) The apparatus of Claim 21, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a

second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claim 35. (New) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a position or location of the apparatus;

an input device for inputting information regarding at least one of a location of the apparatus and a destination;

a processing device, wherein the processing device processes information input via the input device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel

route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route;

a receiver, wherein the receiver receives video information obtained from each video camera of the first plurality of video cameras and receives video information from each video camera of the second plurality of video cameras; and

a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video information obtained from at least one video camera of the second plurality of video cameras.

Claim 36. (New) The apparatus of Claim 35, wherein the apparatus is programmed to provide video information for a

location up ahead on the first travel route or up ahead on the second travel route.

Claim 37. (New) The apparatus of Claim 35, wherein the display device displays a plurality of video images simultaneously.

Claim 38. (New) The apparatus of Claim 35, further comprising:

a speaker, wherein the speaker provides audio information.

Claim 39. (New) The apparatus of Claim 35, wherein the apparatus receives and provides at least one of information regarding a traffic condition, a traffic forecast, a forecasted traffic condition, a weather condition, a forecasted weather condition, weather information, a weather forecast, maintenance information, and a news report.

Claim 40. (New) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a position or location of the apparatus;

an input device for inputting information regarding a destination;

a processing device, wherein the processing device processes information input via the input device, wherein the processing device generates a travel route information request for information regarding a travel route on at least one of a road, a roadway, a highway, a parkway, and an expressway, to the destination;

a transmitter, wherein the transmitter transmits the travel route information request to a second processing device located remote from the apparatus;

a receiver, wherein the receiver receives information regarding a travel route on at least one of a road, a roadway, a highway, a parkway, and an expressway, to the destination from the second processing device, wherein the second

processing device determines or identifies a first travel route to the destination, and further wherein the second processing device determines or identifies a second travel route to the destination, and further wherein the information regarding a travel route contains video information obtained from a first plurality of video cameras associated with the first travel route and contains video information obtained from a second plurality of video cameras associated with the second travel route, and further wherein each video camera of the first plurality of video cameras is assigned to a location at least one of along, on, adjacent to, and near, the first travel route and each video camera of the second plurality of video cameras is assigned to a location at least one of along, on, adjacent to, and near, the second travel route; and

a display device for displaying the video information obtained from each video camera of the first plurality of video cameras and for displaying the video information obtained from each video camera of the second plurality of video cameras, wherein the video information obtained from each video camera of the first plurality of video cameras and the video information obtained from each video camera of the second plurality of video cameras is displayed on the display device in a sequential manner.

REMARKS

This is a Preliminary Amendment in the above-identified application. Claims 21-40 are pending in this application. By this Amendment, Applicant has cancelled Claims 1-20, without prejudice, and Applicant had added new Claims 21-40.

Applicant respectfully submits that the newly added Claims 21-40 do not contain new matter.

Applicant respectfully submits that the present invention, as defined by Claims 21-40, is patentable over the prior art.

In view of the foregoing, the application is deemed to be in condition for allowance and action to that end is respectfully requested. Allowance of pending Claims 21-40 is, therefore, respectfully requested.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

February 28, 2012

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

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

FAX COVER SHEET

To: The United States Patent and Trademark Office

From: Raymond A. Joao, Esq.

Date: February 28, 2012

Fax No.: 571-273-8300

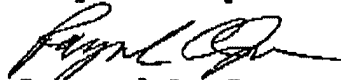
No. Pages: 15 (including cover)

Re: PRELIMINARY AMENDMENT - U.S. Patent Application Serial
No. 13/374,915

To Whom It May Concern:

Please find transmitted herewith a PRELIMINARY AMENDMENT
for filing in the above-identified application.

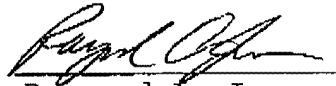
Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

FEB 28 2012

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Raymond A. Joao

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO. : 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COMMUNICATION

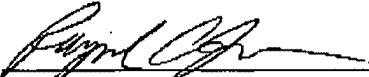
Sir:

Applicant hereby notifies the Examiner of the existence of co-pending U.S. Patent Application Serial No. 09/259,957.

FEB 28 2012

Entry of this Communication is respectfully requested.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

February 28, 2012

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

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FEB 28 2012

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

FAX COVER SHEET

To: The United States Patent and Trademark Office

From: Raymond A. Joao, Esq.

Date: February 28, 2012

Fax No.: 571-273-8300

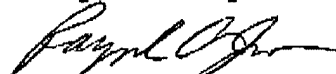
No. Pages: 3 (including cover)

Re: COMMUNICATION - U.S. Patent Application Serial No.
13/374,915

To Whom It May Concern:

Please find transmitted herewith a COMMUNICATION for filing
in the above-identified application.

Respectfully Submitted,



Raymond A. Joao
Reg. No. 35,907

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/374,915	Filing Date 01/23/2012	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		OR	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		OR	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				OR		
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>					OR		
			TOTAL		OR	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT	02/28/2012	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 20	Minus ** 20	= 0	X \$30 =	0	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus ***3	= 0	X \$125 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/POLIN ANG/

This collection of information is required by 37 CFR 1.16. 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, 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.**

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

Table with 4 columns: APPLICATION NUMBER (13/374,915), FILING OR 371(C) DATE (01/23/2012), FIRST NAMED APPLICANT (Raymond Anthony Joao), ATTY. DOCKET NO./TITLE (RJ021)

CONFIRMATION NO. 9217

PUBLICATION NOTICE

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



Title: Vehicle operator and/or occupant information apparatus and method

Publication No. US-2012-0133770-A1

Publication Date: 05/31/2012

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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 application, is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claims 21-40, without prejudice, and please add new Claims 41-60, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-40. (Canceled)

Claim 41. (New) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle;

a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information or information regarding a traffic condition, wherein the traffic information or the information regarding a traffic condition is transmitted from a computer, a transmitter, or a device, located at a location remote from the apparatus or remote from the vehicle,

wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Claim 42. (New) The apparatus of Claim 41, wherein the apparatus detects a departure from the travel route, and further wherein the apparatus determines or identifies a second travel route to the destination, and further wherein the apparatus provides information regarding the second travel route.

Claim 43. (New) The apparatus of Claim 41, wherein the apparatus receives video information regarding the travel route or video information regarding a second travel route to the destination, and further wherein the apparatus provides the video information regarding the travel route or the video information regarding the second travel route.

Claim 44. (New) The apparatus of Claim 41, wherein the video information regarding the travel route or the video information regarding the second travel route is obtained with or by at least one camera located along, on, adjacent to, or near, the travel route or the second travel route via the display device.

Claim 45. (New) The apparatus of Claim 41, wherein the apparatus provides a video preview of the travel route or a video preview of a second travel route to the destination.

Claim 46. (New) The apparatus of Claim 41, wherein the apparatus receives information regarding a traffic forecast associated with the travel route or a traffic forecast associated with a second travel route to the destination, and further wherein the apparatus provides the information regarding the traffic forecast associated with the

travel route or the traffic forecast associated with the second travel route.

Claim 47. (New) The apparatus of Claim 41, wherein the apparatus receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route.

Claim 48. (New) The apparatus of Claim 41, wherein the apparatus receives information regarding a weather condition, weather information, a forecasted weather condition, or a weather forecast, and further wherein the apparatus provides the information regarding the weather condition, the weather information, the forecasted weather condition, or the weather forecast.

Claim 49. (New) The apparatus of Claim 41, wherein the apparatus receives information regarding a news report, and further wherein the apparatus provides the information regarding the news report.

Claim 50. (New) The apparatus of Claim 41, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 51. (New) The apparatus of Claim 41, wherein the apparatus receives travel route information transmitted from a computer, a transmitter, or a device, located remote from the apparatus, and further wherein the apparatus provides the travel route information.

Claim 52. (New) The apparatus of Claim 41, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 53. (New) The apparatus of Claim 41, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from or a computer or communication device associated with the selected

location, and further wherein the apparatus provides the video information via the display device.

Claim 54. (New) The apparatus of Claim 41, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claim 55. (New) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle;

an input device, wherein the input device inputs information regarding a location of the apparatus or a destination;

a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a

parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route;

a receiver, wherein the receiver receives video information obtained from one or more video camera of the first plurality of video cameras and receives video information from one or more video cameras of the second plurality of video cameras; and

a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video

information obtained from at least one video camera of the second plurality of video cameras.

Claim 56. (New) The apparatus of Claim 55, wherein the apparatus is programmed to provide video information for a location up ahead on the first travel route or up ahead on the second travel route.

Claim 57. (New) The apparatus of Claim 55, wherein the display device displays a plurality of video images simultaneously.

Claim 58. (New) The apparatus of Claim 55, further comprising:

a speaker, wherein the speaker provides audio information.

Claim 59. (New) The apparatus of Claim 55, wherein the apparatus receives and provides at least one of information regarding a traffic condition, a traffic forecast, a forecasted traffic condition, a weather condition, a forecasted weather condition, weather information, a weather forecast, maintenance information, and a news report.

Claim 60. (New) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle;

an input device, wherein the input device inputs information regarding a destination;

a processing device, wherein the processing device generates a travel route information request for information regarding a travel route on at least one of a road, a roadway, a highway, a parkway, and an expressway, to the destination;

a transmitter, wherein the transmitter transmits the travel route information request to a second processing device located remote from the apparatus;

a receiver, wherein the receiver receives information regarding a travel route on at least one of a road, a roadway, a highway, a parkway, and an expressway, to the destination from the second processing device, wherein the second processing device determines or identifies a first travel route to the destination, and further wherein the second

processing device determines or identifies a second travel route to the destination, and further wherein the information regarding a travel route contains video information obtained from one or more of a first plurality of video cameras associated with the first travel route and contains video information obtained from one or more of a second plurality of video cameras associated with the second travel route, and further wherein each video camera of the first plurality of video cameras is assigned to a location at least one of along, on, adjacent to, and near, the first travel route and each video camera of the second plurality of video cameras is assigned to a location at least one of along, on, adjacent to, and near, the second travel route; and

a display device, wherein the display device displays the video information obtained from one or more of the video cameras of the first plurality of video cameras and displays the video information obtained from one or more of the video cameras of the second plurality of video cameras, wherein the video information obtained from each of the one or more video cameras of the first plurality of video cameras and the video information obtained from each of the one or more video cameras of the second plurality of video cameras is displayed on the display device in a sequential manner.

REMARKS

This is a Second Preliminary Amendment in the above-identified application. By this Second Preliminary Amendment, Applicant has cancelled Claims 21-40, without prejudice, and Applicant has added new Claims 41-60. Applicant respectfully submits that the newly added Claims 41-60 do not contain new matter.

Applicant respectfully submits that the present invention, as defined by Claims 41-60, is patentable over the prior art.

In view of the foregoing, the application is deemed to be in condition for allowance and action to that end is respectfully requested. Entry of this Second Preliminary Amendment and allowance of pending Claims 41-60 is, therefore, respectfully requested.

Respectfully Submitted,

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

December 24, 2013
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

Electronic Acknowledgement Receipt

EFS ID:	17750526
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	Vehicle operator and/or occupant information apparatus and method
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	24-DEC-2013
Filing Date:	23-JAN-2012
Time Stamp:	06:55:17
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Preliminary Amendment	13374915SecondPreliminaryAmendment12-24-2013.pdf	80614 138734d8a7b3be0a684c4696b0c7a5b6d9e7816b	no	12

Warnings:

Information:

Total Files Size (in bytes): 80614

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/374,915	Filing Date 01/23/2012	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	12/24/2013	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	* 20	Minus	** 20	= 0	X \$40 = 0
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus	***3	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	0

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
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LIE
 /MARGARET BYARS/

This collection of information is required by 37 CFR 1.16. 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, 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.**

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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/19/2015
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

Table with 2 columns: EXAMINER (RAO, ANAND SHASHIKANT), ART UNIT (2486), PAPER NUMBER (9217)

DATE MAILED: 02/19/2015

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: Vehicle operator and/or occupant information apparatus and method

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE 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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop 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 Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

7590 02/19/2015
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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: Vehicle operator and/or occupant information apparatus and method

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	05/19/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAO, ANAND SHASHIKANT	2486	348-113000

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; 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, _____ 1 (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. _____ 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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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 submitted: <input type="checkbox"/> Issue Fee <input type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies _____	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) <input type="checkbox"/> A check is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).
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5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/374,915, 01/23/2012, Raymond Anthony Joao, RJ021, 9217

7590 02/19/2015
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

DATE MAILED: 02/19/2015

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
	Examiner ANDY RAO	Art Unit 2486	AIA (First Inventor to File) Status No

-- 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 (PTOL-85) 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 Preliminary Amendment of 12/24/13 and the Interview Summary of 1/22/15.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 41-60. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/oph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____.

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.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>1/22/15</u> . | |

/ANDY RAO/
Primary Examiner, Art Unit 2486

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: Claims 41-60 are allowed.

Regarding independent Claim 41, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus comprising: a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle; a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway; a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information or information regarding a traffic condition, wherein the traffic information or the information regarding a traffic condition is transmitted from a computer, a transmitter, or a device, located at a location remote from the apparatus or remote from the vehicle, wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Regarding independent Claim 55, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global

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positioning device determines a position or a location of the apparatus or of a vehicle; an input device, wherein the input device inputs information regarding a location of the apparatus or a destination; a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route; a receiver, wherein the receiver receives video information obtained from one or more video camera of the first plurality of video cameras and receives video information from one or more video cameras of the second plurality of video cameras; and a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video information obtained from at least one video camera of the second plurality of video cameras.

Regarding independent Claim 76, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle; an input device, wherein the input device inputs information regarding a destination; a processing device,

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wherein the processing device generates a travel route information request for information regarding a travel route on at least one of a road, a roadway, a highway, a parkway, and an expressway, to the destination; a transmitter, wherein the transmitter transmits the travel route information request to a second processing device located remote from the apparatus; a receiver, wherein the receiver receives information regarding a travel route on at least one of a road, a roadway, a highway, a parkway, and an expressway, to the destination from the second processing device, wherein the second processing device determines or identifies a first travel route to the destination, and further wherein the second processing device determines or identifies a second travel route to the destination, and further wherein the information regarding a travel route contains video information obtained from one or more of a first plurality of video cameras associated with the first travel route and contains video information obtained from one or more of a second plurality of video cameras associated with the second travel route, and further wherein each video camera of the first plurality of video cameras is assigned to a location at least one of along, on, adjacent to, and near, the first travel route and each video camera of the second plurality of video cameras is assigned to a location at least one of along, on, adjacent to, and near, the second travel route; and a display device, wherein the display device displays the video information obtained from one or more of the video cameras of the first plurality of video cameras and displays the video information obtained from one or more of the video cameras of the second plurality of video cameras, wherein the video information obtained from each of the one or more video cameras of the first plurality of video cameras and the video information obtained from each of the one or more video cameras of the second plurality of video cameras is displayed on the display device in a sequential manner.

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With regards to respective dependent claims 42-54, and 56-59, they are allowed at the very least for the reasons concerning their respective independent claims.

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 of Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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asr

/Andy S. Rao/

Primary Examiner, Art Unit 2486

February 12, 2015

Applicant-Initiated Interview Summary	Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
	Examiner ANDY RAO	Art Unit 2486	

All participants (applicant, applicant's representative, PTO personnel):

- (1) ANDY RAO. (3) _____.
(2) RAYMOND JOAO (#35,907). (4) _____.

Date of Interview: 22 January 2015.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 41-60.

Identification of prior art discussed: As filed on the IDS of 1/22/15 for parent application #09/259,957.

Substance of Interview

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Applicant presented Examiner with a courtesy copy of the 1/22/15 filed IDS for #09/259,957 and for this continuation application, which the Examiner will timely consider when issuing actions for both applications. Also discussed at Applicant's request were 35 USC 101 issues in which Applicant submitted arguments that all claims are patentable subject matter and requested examination of the applications in light of the Supreme Court Alice decision and case law following same.

Applicant recordation instructions: 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 a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

/ANDY RAO/
Primary Examiner, Art Unit 2486

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

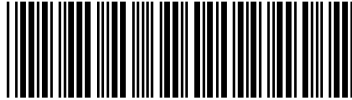
A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed

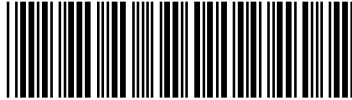
-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	02/12/2015							
	1	-							
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Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	02/12/2015							
	37	-							
	38	-							
	39	-							
	40	-							
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17	57	=							
18	58	=							
19	59	=							
20	60	=							

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original						
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	15		31	7	47																
	16		32	8	48																


NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 20	
/ANDY RAO/ Primary Examiner. Art Unit 2486 (Primary Examiner) _____ (Date) _____		O.G. Print Claim(s) 1	O.G. Print Figure 1


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

BIB DATA SHEET
CONFIRMATION NO. 9217

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
13/374,915	01/23/2012	348	2486	RJ021		
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/03/2012						
Foreign Priority claimed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	AR	NY	6	20	3
Verified and	/ANDY SHASHIKANT	Initials				
Acknowledged	Examiner's Signature					
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703 UNITED STATES						
TITLE Vehicle operator and/or occupant information apparatus and method						
FILING FEE RECEIVED 825	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees		
				<input type="checkbox"/> 1.16 Fees (Filing)		
				<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)		
				<input type="checkbox"/> 1.18 Fees (Issue)		
				<input type="checkbox"/> Other _____		
			<input type="checkbox"/> Credit			

Search Notes 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC- SEARCHED		
Symbol	Date	Examiner
G01S: 11/12; G06K: 9/00791; B63B: 45/02	2/12/2015	AR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	113-118, 148	2/12/2015	AR

SEARCH NOTES		
Search Notes	Date	Examiner
Consulted Search Notes and IDS of parent application: #09/259,957s	2/12/2015	AR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
348	100-150	2/12/2015	AR
G01S	11/12	2/12/2015	AR
G06K	9/00791	2/12/2015	AR
B63B	45/02	2/12/2015	AR

	/ANDY RAO/ Primary Examiner.Art Unit 2486
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**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)**

Application Number	13/374,915	Filing Date	2012-01-23	Docket Number (if applicable)	RJ021	Art Unit	2486
First Named Inventor	RAYMOND A. JOAO			Examiner Name	A. RAO		

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. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

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

Other _____

Enclosed

Amendment/Reply

Information Disclosure Statement (IDS)

Affidavit(s)/ Declaration(s)

Other STATEMENT OF THE SUBSTANCE OF THE EXAMINER INTERVIEW

MISCELLANEOUS

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)

Other _____

FEES

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

The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

Applicant Signature

Applicant Signature			
Applicant 1		Remove	
Signature	/Raymond A. Joao/	Date (YYYY-MM-DD)	2015-04-26
Name	RAYMOND A. JOAO, REG. NO. 35,907		
Click ADD for additional Applicant Signature			Add

This collection of information is required by 37 CFR 1.114. 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 1.11 and 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, 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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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

This is an Amendment in the above-identified application. Entry of this Amendment is respectfully requested.

Based on the following Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claim 60, without prejudice, please amend Claim 53, and please add new Claims 61-66, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-40. (Canceled).

Claim 41. (Previously Presented) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle;

a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information or information regarding a traffic condition, wherein the traffic information or the information regarding a traffic condition is transmitted from a computer, a transmitter, or a device, located at a location remote from the apparatus or remote from the vehicle,

wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Claim 42. (Previously Presented) The apparatus of Claim 41, wherein the apparatus detects a departure from the travel route, and further wherein the apparatus determines or identifies a second travel route to the destination, and further wherein the apparatus provides information regarding the second travel route.

Claim 43. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives video information regarding the travel route or video information regarding a second travel route to the destination, and further wherein the apparatus provides the video information regarding the travel route or the video information regarding the second travel route.

Claim 44. (Previously Presented) The apparatus of Claim 41, wherein the video information regarding the travel route or the video information regarding the second travel route is obtained with or by at least one camera located along, on, adjacent to, or near, the travel route or the second travel route via the display device.

Claim 45. (Previously Presented) The apparatus of Claim 41, wherein the apparatus provides a video preview of the travel route or a video preview of a second travel route to the destination.

Claim 46. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a traffic forecast associated with the travel route or a traffic forecast associated with a second travel route to the

destination, and further wherein the apparatus provides the information regarding the traffic forecast associated with the travel route or the traffic forecast associated with the second travel route.

Claim 47. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route.

Claim 48. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a weather condition, weather information, a forecasted weather condition, or a weather forecast, and further wherein the apparatus provides the information regarding the weather condition, the weather information, the forecasted weather condition, or the weather forecast.

Claim 49. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding

a news report, and further wherein the apparatus provides the information regarding the news report.

Claim 50. (Previously Presented) The apparatus of Claim 41, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 51. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives travel route information transmitted from a computer, a transmitter, or a device, located remote from the apparatus, and further wherein the apparatus provides the travel route information.

Claim 52. (Previously Presented) The apparatus of Claim 41, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 53. (Currently Amended) The apparatus of Claim 41, wherein the apparatus processes a request to provide video information from or associated with a selected location,

wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from ~~o~~ a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 54. (Previously Presented) The apparatus of Claim 41, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claim 55. (Previously Presented) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle;

an input device, wherein the input device inputs information regarding a location of the apparatus or a destination;

a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route;

a receiver, wherein the receiver receives video information obtained from one or more video camera of the first plurality of video cameras and receives video

information from one or more video cameras of the second plurality of video cameras; and

a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video information obtained from at least one video camera of the second plurality of video cameras.

Claim 56. (Previously Presented) The apparatus of Claim 55, wherein the apparatus is programmed to provide video information for a location up ahead on the first travel route or up ahead on the second travel route.

Claim 57. (Previously Presented) The apparatus of Claim 55, wherein the display device displays a plurality of video images simultaneously.

Claim 58. (Previously Presented) The apparatus of Claim 55, further comprising:

a speaker, wherein the speaker provides audio information.

Claim 59. (Previously Presented) The apparatus of Claim 55, wherein the apparatus receives and provides at least one of information regarding a traffic condition, a traffic forecast, a forecasted traffic condition, a weather condition, a forecasted weather condition, weather information, a weather forecast, maintenance information, and a news report.

Claim 60. (Canceled).

Claim 61. (New) An apparatus, comprising:

a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway;

a global positioning device for determining a position or a location of the apparatus or position or a location of a vehicle;

a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information

regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway;

a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, is transmitted from a computer, a transmitter, or a device, located remote from the apparatus or located remote from the vehicle,

wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker, and further wherein the apparatus is capable of providing the

photograph, the picture, or the image, of the road, the roadway, the highway, the parkway, or the expressway, or is capable of providing the photograph, the picture, or the image, of the traffic on the road, the roadway, the highway, the parkway, or the expressway.

Claim 62. (New) The apparatus of Claim 61, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 63. (New) The apparatus of Claim 61, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 64. (New) The apparatus of Claim 61, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from a computer or communication device associated with the selected

location, and further wherein the apparatus provides the video information via the display device.

Claim 65. (New) The apparatus of Claim 61, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claim 66. (New) The apparatus of Claim 61, wherein the display device displays a plurality of video images simultaneously.

REMARKS

Claims 41-59 and 61-66 are pending in this application. By this Amendment, Applicant has canceled independent Claim 60, without prejudice, Applicant has amended Claim 53, and Applicant has added new Claims 61-66. Applicant has amended Claim 53 in order to delete "or" before "a computer", as shown, in order to correct an inadvertent mistake. Applicant respectfully submits that the amendment to Claim 53 does not contain new matter. Applicant respectfully submits that the newly added Claims 61-66 do not contain new matter.

Applicant respectfully submits that the present invention, as defined by Claims 41-59 and 61-66, is patentable over the prior art.

In view of the foregoing Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested. Allowance of pending Claims 41-59 and 61-66 is respectfully requested.

Respectfully Submitted,

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

April 26, 2015

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

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF THE SUBSTANCE OF THE EXAMINER INTERVIEW

Sir:

This is a Statement of the Substance of the Examiner Interview which took place on January 22, 2015 in the above-identified application.

Claims 41-60 were discussed. Applicant presented the Examiner with a courtesy copy of the Information Disclosure Statement, filed January 22, 2015, in parent application U.S. Patent Application Serial No. 09/259,957. At Applicant's request, Applicant and the Examiner discussed issues regarding

35 U.S.C. §101 and Applicant presented arguments that all of the pending claims are directed to statutory, and patent-eligible, subject matter. Applicant also requested that the Examiner examine all pending claims in view of the new guidelines under 35 U.S.C. §101 in view of the U.S. Supreme Court's decision in the Alice case and case law following same.

Entry of this Statement of the Substance of the Examiner Interview is respectfully requested.

Respectfully Submitted,

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

April 26, 2015

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

Electronic Patent Application Fee Transmittal

Application Number:	13374915			
Filing Date:	23-Jan-2012			
Title of Invention:	Vehicle operator and/or occupant information apparatus and method			
First Named Inventor/Applicant Name:	Raymond Anthony Joao			
Filer:	Raymond Anthony Joao			
Attorney Docket Number:	RJ021			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	5	40	200
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Request for Continued Examination	2801	1	600	600
Total in USD (\$)				800

Electronic Acknowledgement Receipt

EFS ID:	22169260
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	Vehicle operator and/or occupant information apparatus and method
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	26-APR-2015
Filing Date:	23-JAN-2012
Time Stamp:	10:37:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$800

RAM confirmation Number	10074
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	13374915RCETransmittal-04-26-2015.pdf	797845 c36cfa77646aeb75f5d5f5d0662f2af6b84b49ba	no	3
Warnings:					
Information:					
2	Amendment Submitted/Entered with Filing of CPA/RCE	13374915RCEAmendment-04-26-2015.pdf	93121 cc46862d1fa140902c83bd851139481485d cfe25	no	16
Warnings:					
Information:					
3	Applicant summary of interview with examiner	RJ021ExaminerInterviewSummary-04-26-2015.pdf	75280 048d7de2bfc9f513dbd471e7ccc683a020f2af4b	no	2
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	31531 b09fef130c691e375c04ce0ff6f3bc59a3fb1909	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			997777		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/374,915	Filing Date 01/23/2012	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 = *		X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 = *		X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	04/26/2015	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total (37 CFR 1.16(i))	* 25	Minus	** 20 = 5	X \$40 =	200
	Independent (37 CFR 1.16(h))	* 3	Minus	***3 = 0	X \$210 =	0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	200

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total (37 CFR 1.16(i))	*	Minus	** =	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	*** =	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/DONNA 1. SMALLS LOGAN/

This collection of information is required by 37 CFR 1.16. 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, 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 and select option 2.



NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 01/11/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

Table with 2 columns: EXAMINER (RAO, ANAND SHASHIKANT), ART UNIT (2486), PAPER NUMBER (9217)

DATE MAILED: 01/11/2016

Table with 5 columns: APPLICATION NO. (13/374,915), FILING DATE (01/23/2012), FIRST NAMED INVENTOR (Raymond Anthony Joao), ATTORNEY DOCKET NO. (RJ021), CONFIRMATION NO. (9217)

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

Table with 7 columns: APPLN. TYPE (nonprovisional), ENTITY STATUS (SMALL), ISSUE FEE DUE (\$480), PUBLICATION FEE DUE (\$0), PREV. PAID ISSUE FEE (\$0), TOTAL FEE(S) DUE (\$480), DATE DUE (04/11/2016)

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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop 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 Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

7590 01/11/2016

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	04/11/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAO, ANAND SHASHIKANT	2486	348-113000

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; 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, _____ 1 (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. _____ 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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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 submitted: <input type="checkbox"/> Issue Fee <input type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies _____	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) <input type="checkbox"/> A check is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).
--	---

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/374,915, 01/23/2012, Raymond Anthony Joao, RJ021, 9217

7590 01/11/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

DATE MAILED: 01/11/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
	Examiner ANDY RAO	Art Unit 2486	AIA (First Inventor to File) Status No

-- 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 (PTOL-85) 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 RCE filed on 4/26/15*.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are *41-59, 61-66 (respectively renumbered as claims 1-25)*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____.

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.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/ANDY RAO/
Primary Examiner, Art Unit 2486

Art Unit: 2486

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 4/26/15 has been entered.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance: Claims 41-66 are allowed. The reasons for allowance contained herein supersede all previous reasons for allowance of record.

Regarding independent Claim 41, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle; a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway; a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and a receiver, wherein the receiver

Art Unit: 2486

receives traffic information or information regarding a traffic condition, wherein the traffic information or the information regarding a traffic condition is transmitted from a computer, a transmitter, or a device, located at a location remote from the apparatus or remote from the vehicle, wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Regarding independent Claim 55, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle; an input device, wherein the input device inputs information regarding a location of the apparatus or a destination; a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route; a receiver, wherein the receiver receives video information obtained from one or more video camera of the first plurality of video cameras and receives video an input device, wherein the input device inputs information regarding a location of the apparatus or a destination; a processing device,

Art Unit: 2486

wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route; a receiver, wherein the receiver receives video information obtained from one or more video camera of the first plurality of video cameras and receives video information from one or more video cameras of the second plurality of video cameras; and a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video information obtained from at least one video camera of the second plurality of video cameras.

Regarding independent Claim 61, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or position or a location of a vehicle; a processing device for processing information regarding

Art Unit: 2486

the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, is transmitted from a computer, a transmitter, or a device, located remote from the apparatus or located remote from the vehicle, wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker, and further wherein the apparatus is capable of providing the photograph, the picture, or the image, of the road, the roadway, the highway, the parkway, or the expressway, or is capable of providing the photograph, the picture, or the image, of the traffic on the road, the roadway, the highway, the parkway, or the expressway.

With regards to respective dependent claims 42-59, 62-66 they are allowed at the very least for the reasons concerning their respective independent claims.

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 of Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

asr
/Andy S. Rao/
Primary Examiner, Art Unit 2486
December 22, 2015

Application/Control Number: 13/374,915
Art Unit: 2486

Page 7

Search Notes 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC- SEARCHED		
Symbol	Date	Examiner
G01S: 11/12; G06K: 9/00791; B63B: 45/02	12/22/2015	AR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	113-118, 148	12/22/2015	AR

SEARCH NOTES		
Search Notes	Date	Examiner
Consulted Search Notes and IDS of parent application: #09/259,957	12/22/2015	AR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
348	100-150	12/22/2015	AR
G01S	11/12	12/22/2015	AR
G06K	9/00791	12/22/2015	AR
B63B	45/02	12/22/2015	AR


	/ANDY RAO/ Primary Examiner. Art Unit 2486
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET
CONFIRMATION NO. 9217

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
13/374,915	01/23/2012	348	2486	RJ021		
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 PAT 9075136 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/03/2012						
Foreign Priority claimed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	AR	NY	6	20	3
Verified and	/ANDY SHASHIKANT	Initials				
Acknowledged	Examiner's Signature					
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703						
TITLE Vehicle operator and/or occupant information apparatus and method						
FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		
1025						

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE									
Final	Original	12/22/2015									
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Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	12/22/2015							
	37	-							
	38	-							
	39	-							
	40	-							
1	41	=							
2	42	=							
3	43	=							
4	44	=							
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19	59	=							
	60	-							
20	61	=							
21	62	=							
22	63	=							
23	64	=							
24	65	=							
25	66	=							

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original						
	1		17		33	9	49	24	65												
	2		18		34	10	50	25	66												
	3		19		35	11	51														
	4		20		36	12	52														
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	7		23		39	15	55														
	8		24		40	16	56														
	9		25	1	41	17	57														
	10		26	2	42	18	58														
	11		27	3	43	19	59														
	12		28	4	44		60														
	13		29	5	45	20	61														
	14		30	6	46	21	62														
	15		31	7	47	22	63														
	16		32	8	48	23	64														

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/ANDY RAO/ Primary Examiner. Art Unit 2486	12/22/2015	1	1
(Primary Examiner)	(Date)		

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.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)

Application Number	13/374,915	Filing Date	2012-01-23	Docket Number (if applicable)	RJ021	Art Unit	2486
First Named Inventor	RAYMOND A. JOAO			Examiner Name	A. RAO		

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. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
 - Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - Other _____
- Enclosed
 - Amendment/Reply
 - Information Disclosure Statement (IDS)
 - Affidavit(s)/ Declaration(s)
 - Other _____

MISCELLANEOUS

- 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)
- Other _____

FEES

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature
<input checked="" type="checkbox"/> Applicant Signature

Applicant Signature			
Applicant 1		<input type="button" value="Remove"/>	
Signature	Raymond A. Joao/	Date (YYYY-MM-DD)	2016-03-17
Name	RAYMOND A. JOAO, REG. NO. 35,907		
Click ADD for additional Applicant Signature		<input type="button" value="Add"/>	

This collection of information is required by 37 CFR 1.114. 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 1.11 and 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, 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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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

This is an Amendment in the above-identified application. Entry of this Amendment is respectfully requested.

Based on the following Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 41, 51, 55, and 61, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-40. (Canceled).

Claim 41. (Currently Amended) An apparatus,
comprising:

a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle;

a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information or information regarding a traffic condition, ~~wherein the traffic information or the information regarding a traffic condition is transmitted from a computer, a transmitter, or a device, located at a location remote from the apparatus or remote from the vehicle,~~

wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Claim 42. (Previously Presented) The apparatus of Claim 41, wherein the apparatus detects a departure from the travel route, and further wherein the apparatus determines or identifies a second travel route to the destination, and further wherein the apparatus provides information regarding the second travel route.

Claim 43. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives video information regarding the travel route or video information regarding a second travel route to the destination, and further wherein the apparatus provides the video information regarding the travel route or the video information regarding the second travel route.

Claim 44. (Previously Presented) The apparatus of Claim 41, wherein the video information regarding the travel route or the video information regarding the second travel route is obtained with or by at least one camera located along, on, adjacent to, or near, the travel route or the second travel route via the display device.

Claim 45. (Previously Presented) The apparatus of Claim 41, wherein the apparatus provides a video preview of the travel route or a video preview of a second travel route to the destination.

Claim 46. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a traffic forecast associated with the travel route or a traffic forecast associated with a second travel route to the

destination, and further wherein the apparatus provides the information regarding the traffic forecast associated with the travel route or the traffic forecast associated with the second travel route.

Claim 47. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route.

Claim 48. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a weather condition, weather information, a forecasted weather condition, or a weather forecast, and further wherein the apparatus provides the information regarding the weather condition, the weather information, the forecasted weather condition, or the weather forecast.

Claim 49. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding

a news report, and further wherein the apparatus provides the information regarding the news report.

Claim 50. (Previously Presented) The apparatus of Claim 41, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 51. (Currently Amended) The apparatus of Claim 41, wherein the apparatus receives travel route information transmitted from a computer, a transmitter, or a device, located remote from the apparatus, and further wherein the apparatus provides the travel route information, or wherein the apparatus receives information regarding a traffic condition, and further wherein the apparatus provides the information regarding a traffic condition.

Claim 52. (Previously Presented) The apparatus of Claim 41, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 53. (Previously Presented) The apparatus of Claim 41, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 54. (Previously Presented) The apparatus of Claim 41, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claim 55. (Currently Amended) An apparatus,
comprising:

a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle;

an input device, wherein the input device inputs information regarding a location of the apparatus or a destination;

a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route;

a receiver, wherein the receiver receives video information obtained from one or more video ~~camera~~ cameras of the first plurality of video cameras and receives video

information from one or more video cameras of the second plurality of video cameras; and

a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video information obtained from at least one video camera of the second plurality of video cameras.

Claim 56. (Previously Presented) The apparatus of Claim 55, wherein the apparatus is programmed to provide video information for a location up ahead on the first travel route or up ahead on the second travel route.

Claim 57. (Previously Presented) The apparatus of Claim 55, wherein the display device displays a plurality of video images simultaneously.

Claim 58. (Previously Presented) The apparatus of Claim 55, further comprising:

a speaker, wherein the speaker provides audio information.

Claim 59. (Previously Presented) The apparatus of Claim 55, wherein the apparatus receives and provides at least one of information regarding a traffic condition, a traffic forecast, a forecasted traffic condition, a weather condition, a forecasted weather condition, weather information, a weather forecast, maintenance information, and a news report.

Claim 60. (Canceled).

Claim 61. (Currently Amended) An apparatus, comprising:

a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway;

a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle;

a processing device for processing information regarding the position or the location of the apparatus or the

position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway;

a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, ~~wherein the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, is transmitted from a computer, a transmitter, or a device, located remote from the apparatus or located remote from the vehicle,~~

wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker, ~~and~~

~~further wherein the apparatus is capable of providing the photograph, the picture, or the image, of the road, the roadway, the highway, the parkway, or the expressway, or is capable of providing the photograph, the picture, or the image, of the traffic on the road, the roadway, the highway, the parkway, or the expressway.~~

Claim 62. (Previously Presented) The apparatus of Claim 61, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 63. (Previously Presented) The apparatus of Claim 61, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 64. (Previously Presented) The apparatus of Claim 61, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video

information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 65. (Previously Presented) The apparatus of Claim 61, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claim 66. (Previously Presented) The apparatus of Claim 61, wherein the display device displays a plurality of video images simultaneously.

REMARKS

Claims 41-59 and 61-66 are pending in this application. By this Amendment, Applicant has amended each of Claims 41, 51, 55, and 61. Applicant respectfully submits that the amendments to each of Claims 41, 55, and 61 do not contain new matter.

Applicant respectfully submits that the present invention, as defined by Claims 41-59 and 61-66, is patentable over the prior art.

In view of the foregoing Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested. Allowance of pending Claims 41-59 and 61-66 is respectfully requested.

Respectfully Submitted,

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

March 17, 2016

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

Electronic Patent Application Fee Transmittal

Application Number:	13374915			
Filing Date:	23-Jan-2012			
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD			
First Named Inventor/Applicant Name:	Raymond Anthony Joao			
Filer:	Raymond Anthony Joao			
Attorney Docket Number:	RJ021			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
RCE- 2nd and Subsequent Request	2820	1	850	850
Total in USD (\$)				850

Electronic Acknowledgement Receipt

EFS ID:	25220877
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	17-MAR-2016
Filing Date:	23-JAN-2012
Time Stamp:	06:40:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$850

RAM confirmation Number	9904
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	13374915-RCE-Transmittal-03-17-2016.pdf	797799 64ebba8d1fd1b16cf6d639036d717f3d50a762d	no	3

Warnings:

Information:

2	Amendment Submitted/Entered with Filing of CPA/RCE	13374915--RCE-Amendment-03-17-2016.pdf	93068 38475ee813c8f53839594d0a1f3b6b550cef1046	no	15
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Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30148 3f30c0c1823dcb2dbf874072a7419f1d61ca5d15	no	2
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Warnings:

Information:

Total Files Size (in bytes):			921015		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/374,915	Filing Date 01/23/2012	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
AMENDMENT	03/17/2016	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR				
	Total (37 CFR 1.16(i))	* 25	Minus	** 25	= 0	X \$40 = 0	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$210 = 0	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))						
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0	

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR				
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))						
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE		

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
 /JACQUELYN WILLIAMS/

This collection of information is required by 37 CFR 1.16. 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, 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 and select option 2.



NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 04/18/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

Table with 2 columns: EXAMINER (RAO, ANAND SHASHIKANT), ART UNIT (2486), PAPER NUMBER (9217)

DATE MAILED: 04/18/2016

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

13/374,915 01/23/2012 Raymond Anthony Joao RJ021 9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional SMALL \$480 \$0 \$0 \$480 07/18/2016

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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop 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 Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

7590 04/18/2016
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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	07/18/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAO, ANAND SHASHIKANT	2486	348-113000

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; 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, 1 _____ (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. 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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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 submitted: <input type="checkbox"/> Issue Fee <input type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies _____	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) <input type="checkbox"/> A check is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).
--	---

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/374,915, 01/23/2012, Raymond Anthony Joao, RJ021, 9217

7590 04/18/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

DATE MAILED: 04/18/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
Examiner ANDY RAO	Art Unit 2486	AIA (First Inventor to File) Status No

-- 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 (PTOL-85) 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 RCE of 3/17/16.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 41-60 (respectively renumbered as claims 1-25). As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____.

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.

- 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
- 3. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 4. Interview Summary (PTO-413), Paper No./Mail Date _____
- 5. Examiner's Amendment/Comment
- 6. Examiner's Statement of Reasons for Allowance
- 7. Other _____

/ANDY RAO/
Primary Examiner, Art Unit 2486

Art Unit: 2486

Continued Examination Under 37 CFR 1.114

1. The present application is being examined under the pre-AIA first to invent provisions.
2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 3/17/16 has been entered.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance: Claims 41-66 are allowed. The reasons for allowance contained herein supersede all previous reasons for allowance of record.

Regarding independent Claim 41, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle; a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway; a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and a receiver, wherein the receiver

Art Unit: 2486

receives traffic information or information regarding a traffic condition, wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Regarding independent Claim 55, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a position or a location of the apparatus or of a vehicle; an input device, wherein the input device inputs information regarding a location of the apparatus or a destination; a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route; a receiver, wherein the receiver receives video information obtained from one or more video camera of the first plurality of video cameras and receives video an input device, wherein the input device inputs information regarding a location of the apparatus or a destination; a processing device, wherein the processing device determines a first travel route to the destination along or on a first at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein

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the processing device determines a second travel route to the destination along or on a second at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device identifies a first plurality of video cameras associated with the first travel route and identifies a second plurality of video cameras associated with the second travel route, wherein each video camera of the first plurality of video cameras associated with the first travel route and each video camera of the second plurality of video cameras associated with the second travel route is assigned to a location at least one of along, on, adjacent to, and near, the first travel route or the second travel route; a receiver, wherein the receiver receives video information obtained from one or more video cameras of the first plurality of video cameras and receives video information from one or more video cameras of the second plurality of video cameras; and a display device, wherein the display device displays the video information obtained from at least one video camera of the first plurality of video cameras and displays the video information obtained from at least one video camera of the second plurality of video cameras.

Regarding independent Claim 61, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a

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travel route to the destination on or along at least one of a road, a roadway, a highway, a parkway, and an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

With regards to respective dependent claims 42-59, 62-66 they are allowed at the very least for the reasons concerning their respective independent claims.

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 of Statement of Reasons for Allowance."

Conclusion

1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2486


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

asr

/Andy S. Rao/

Primary Examiner, Art Unit 2486

April 14, 2016

Search Notes 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC- SEARCHED		
Symbol	Date	Examiner
G01S: 11/12; G06K: 9/00791; B63B: 45/02	4/14/2016	AR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	113-118, 148	4/14/2016	AR

SEARCH NOTES		
Search Notes	Date	Examiner
Consulted Search Notes and IDS of parent application: #09/259,957	4/14/2016	AR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
348	100-150	4/14/2016	AR
G01S	11/12	4/14/2016	AR
G06K	9/00791	4/14/2016	AR
B63B	45/02	4/14/2016	AR

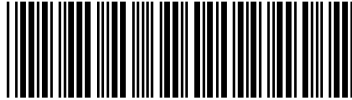
	/ANDY RAO/ Primary Examiner.Art Unit 2486
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 Alexandria, Virginia 22313-1450
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BIB DATA SHEET
CONFIRMATION NO. 9217

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
13/374,915	01/23/2012	348	2486	RJ021		
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 PAT 9075136 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/03/2012						
Foreign Priority claimed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	AR	NY	6	20	3
Verified and	/ANDY SHASHIKANT	Initials				
Acknowledged	Examiner's Signature					
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703						
TITLE VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD						
FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		
1025						

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed

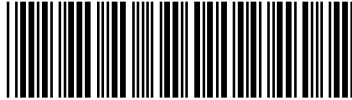
-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE									
Final	Original	04/14/2016									
	1	-									
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	34	-									
	35	-									
	36	-									

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47


CLAIM		DATE							
Final	Original	04/14/2016							
	37	-							
	38	-							
	39	-							
	40	-							
1	41	=							
2	42	=							
3	43	=							
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15	55	=							
16	56	=							
17	57	=							
18	58	=							
19	59	=							
	60	-							
20	61	=							
21	62	=							
22	63	=							
23	64	=							
24	65	=							
25	66	=							

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC						
Symbol					Type	Version
G01S		11		12	F	2013-01-01
G01C		21		3691	I	2013-01-01
G08G		1		04	I	2013-01-01
G08G		1		096716	I	2013-01-01
G08G		1		096758	I	2013-01-01
G08G		1		096783	I	2013-01-01
B63B		49		00	I	2013-01-01


CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	25	
/ANDY RAO/ Primary Examiner.Art Unit 2486	04/14/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

US ORIGINAL CLASSIFICATION					INTERNATIONAL CLASSIFICATION									
CLASS		SUBCLASS			CLAIMED					NON-CLAIMED				
348		113			H	0	4	N	7 / 18 (2006.01.01)					
CROSS REFERENCE(S)														
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)													
348	115													

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/ANDY RAO/ Primary Examiner. Art Unit 2486	04/14/2016	1	1
(Primary Examiner)	(Date)		

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original						
	1		17		33	9	49	24	65												
	2		18		34	10	50	25	66												
	3		19		35	11	51														
	4		20		36	12	52														
	5		21		37	13	53														
	6		22		38	14	54														
	7		23		39	15	55														
	8		24		40	16	56														
	9		25	1	41	17	57														
	10		26	2	42	18	58														
	11		27	3	43	19	59														
	12		28	4	44		60														
	13		29	5	45	20	61														
	14		30	6	46	21	62														
	15		31	7	47	22	63														
	16		32	8	48	23	64														

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 25	
/ANDY RAO/ Primary Examiner. Art Unit 2486 (Primary Examiner) _____ (Date) _____		04/14/2016 (Date)	O.G. Print Claim(s) 1 O.G. Print Figure 1

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.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)

Application Number	13/374,915	Filing Date	2012-01-23	Docket Number (if applicable)	RJ021	Art Unit	2486
First Named Inventor	RAYMOND A. JOAO			Examiner Name	A. RAO		

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. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
 - Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - Other _____
- Enclosed
 - Amendment/Reply
 - Information Disclosure Statement (IDS)
 - Affidavit(s)/ Declaration(s)
 - Other _____

MISCELLANEOUS

- 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)
- Other _____

FEES

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature
<input checked="" type="checkbox"/> Applicant Signature

Applicant Signature			
Applicant 1		<input type="button" value="Remove"/>	
Signature	Raymond A. Joao/	Date (YYYY-MM-DD)	2016-07-07
Name	RAYMOND A. JOAO, REG. NO. 35,907		
Click ADD for additional Applicant Signature		<input type="button" value="Add"/>	

This collection of information is required by 37 CFR 1.114. 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 1.11 and 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, 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

This is an Amendment in the above-identified application. Entry of this Amendment is respectfully requested.

Based on the following Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claims 55-59, without prejudice, please amend Claims 41, 44-49, 51, 61, 64, and 65, and please add new Claims 67-71, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-40. (Canceled).

Claim 41. (Currently Amended) An apparatus,
comprising:

a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle;

a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along ~~at least one of~~ a road, a roadway, a highway, a parkway, ~~and~~ or an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information or information regarding a traffic condition,

wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Claim 42. (Previously Presented) The apparatus of Claim 41, wherein the apparatus detects a departure from the travel route, and further wherein the apparatus determines or identifies a second travel route to the destination, and further wherein the apparatus provides information regarding the second travel route.

Claim 43. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives video information regarding the travel route or video information regarding a second travel route to the destination, and further wherein the apparatus provides the video information regarding the

travel route or the video information regarding the second travel route.

Claim 44. (Currently Amended) The apparatus of Claim 41, wherein the video information regarding the travel route or the video information regarding ~~the~~ a second travel route is obtained with or by at least one camera located along, on, adjacent to, or near, the travel route or the second travel route via the display device.

Claim 45. (Currently Amended) The apparatus of Claim 41, wherein the apparatus provides a video preview of the travel route or a picture or image along the travel route or provides a video preview of a second travel route to the destination or a picture or image along the second travel route ~~to the destination~~.

Claim 46. (Currently Amended) The apparatus of Claim 41, wherein the apparatus receives information regarding a traffic forecast associated with the travel route or a traffic forecast associated with a second travel route to the destination, and further wherein the apparatus provides the information regarding the traffic forecast associated with the

travel route or the traffic forecast associated with the second travel route via the display device or the speaker.

Claim 47. (Currently Amended) The apparatus of Claim 41, wherein the apparatus receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route via the display device or the speaker.

Claim 48. (Currently Amended) The apparatus of Claim 41, wherein the apparatus receives information regarding a weather condition, weather information, a forecasted weather condition, or a weather forecast, and further wherein the apparatus provides the information regarding the weather condition, the weather information, the forecasted weather condition, or the weather forecast via the display device or the speaker.

Claim 49. (Currently Amended) The apparatus of Claim 41, wherein the apparatus receives information regarding a news report, and further wherein the apparatus provides the

information regarding the news report via the display device or the speaker.

Claim 50. (Previously Presented) The apparatus of Claim 41, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 51. (Currently Amended) The apparatus of Claim 41, wherein the apparatus receives travel route information transmitted from a computer, a transmitter, or a device, located remote from the apparatus, and further wherein the apparatus provides the travel route information via the display device or the speaker, or wherein the apparatus receives information regarding a traffic condition, and further wherein the apparatus provides the information regarding a traffic condition via the display device or the speaker.

Claim 52. (Previously Presented) The apparatus of Claim 41, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 53. (Previously Presented) The apparatus of Claim 41, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 54. (Previously Presented) The apparatus of Claim 41, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claims 55-60. (Canceled).

Claim 61. (Currently Amended) An apparatus,
comprising:

a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image, of traffic on a road, a roadway, a highway, a parkway, or an expressway;

a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle;

a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on ~~or along at least one of~~ a road, a roadway, a highway, a parkway, ~~and~~ or an expressway;

a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition,

wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

Claim 62. (Previously Presented) The apparatus of Claim 61, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 63. (Previously Presented) The apparatus of Claim 61, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 64. (Currently Amended) The apparatus of Claim 61, wherein the apparatus processes a request to provide video

information from or associated with a selected location, ~~wherein the selected location is located remote from the apparatus,~~ wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 65. (Currently Amended) The apparatus of Claim 61, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the ~~first~~ travel route, wherein the apparatus provides information regarding the second travel route.

Claim 66. (Previously Presented) The apparatus of Claim 61, wherein the display device displays a plurality of video images simultaneously.

Claim 67. (New) An apparatus, comprising:

a camera for obtaining a photograph, a picture, or an image, of or in the vicinity of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a

picture, or an image, of traffic on a road, a roadway, a highway, a parkway, or an expressway;

a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle;

a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway;

a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition,

wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker,

wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device or transmits the video information to a communication device or a computer.

Claim 68. (New) The apparatus of Claim 67, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 69. (New) The apparatus of Claim 67, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 70. (New) The apparatus of Claim 67, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the travel route, wherein the apparatus provides information regarding the second travel route.

Claim 71. (New) The apparatus of Claim 67, wherein the display device displays a plurality of video images simultaneously.

REMARKS

Claims 41-54 and 61-71 are pending in this application. By this Amendment, Applicant has cancelled Claims 55-59, without prejudice, Applicant has amended Claims 41, 44-49, 51, 61, 64, and 65, and Applicant has added new Claims 67-71. Applicant respectfully submits that the amendments to each of Claims 41, 44-49, 51, 61, 64, and 65, do not contain new matter. Applicant further respectfully submits that newly added Claims 67-71 do not contain new matter.

Applicant respectfully submits that the present invention, as defined by Claims 41-54 and 61-71, is patentable over the prior art.

In view of the foregoing Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested. Allowance of pending Claims 41-54 and 61-71 is respectfully requested.

Respectfully Submitted,

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

July 7, 2016

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

Electronic Patent Application Fee Transmittal

Application Number:	13374915			
Filing Date:	23-Jan-2012			
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD			
First Named Inventor/Applicant Name:	Raymond Anthony Joao			
Filer:	Raymond Anthony Joao			
Attorney Docket Number:	RJ021			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
RCE- 2nd and Subsequent Request	2820	1	850	850
Total in USD (\$)				850

Electronic Acknowledgement Receipt

EFS ID:	26281948
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	07-JUL-2016
Filing Date:	23-JAN-2012
Time Stamp:	13:52:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$850

RAM confirmation Number	159
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	13374915- RCETransmittal-07-07-2016.pdf	797795 e7ccf70b26dc439bce8f3726deea8cc766e ee40	no	3

Warnings:

Information:

2	Amendment Submitted/Entered with Filing of CPA/RCE	13374915- RCEAmendement-07-07-2016. pdf	93724 d60710d9c089b0878960e5a5e9479c9e9de 1de1a	no	16
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Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30148 d287f75592c32446c993d746849d2e0910a a3a94	no	2
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Warnings:

Information:

Total Files Size (in bytes):			921667		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/374,915	Filing Date 01/23/2012	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	07/07/2016	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	* 25	Minus	** 25	= 0	X \$40 = 0
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus	***3	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	0

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/DORIS KING/

This collection of information is required by 37 CFR 1.16. 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, 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 and select option 2.



NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/26/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

Table with 2 columns: EXAMINER (RAO, ANAND SHASHIKANT), ART UNIT (2486), PAPER NUMBER (9217)

DATE MAILED: 07/26/2016

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE 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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop 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 Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

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.

7590 07/26/2016

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

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	10/26/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAO, ANAND SHASHIKANT	2486	348-113000

<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</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(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. _____ 2</p> <p>_____ 3</p>
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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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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 submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
---	--

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/374,915, 01/23/2012, Raymond Anthony Joao, RJ021, 9217

7590 07/26/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

DATE MAILED: 07/26/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
Examiner ANDY RAO	Art Unit 2486	AIA (First Inventor to File) Status No

-- 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 (PTOL-85) 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 RCE filed on 7/7/16.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 41-54, 61-71 (respectively renumbered as claims 1-25). As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____.

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.

- 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
- 3. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 4. Interview Summary (PTO-413), Paper No./Mail Date _____
- 5. Examiner's Amendment/Comment
- 6. Examiner's Statement of Reasons for Allowance
- 7. Other _____.

/ANDY RAO/
Primary Examiner, Art Unit 2486

Art Unit: 2486

Continued Examination Under 37 CFR 1.114

1. The present application is being examined under the pre-AIA first to invent provisions. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114.
2. Applicant's submission filed on 7/7/16 has been entered.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance: Claims 41-54, 61-71 are allowed. The reasons for allowance contained herein supersede all previous reasons for allowance of record.

Regarding independent Claim 41, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle; a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway, or an expressway; a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and a receiver, wherein the receiver receives traffic

Art Unit: 2486

information or information regarding a traffic condition, wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Regarding independent Claim 61, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

Regarding independent Claim 67, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of or in the vicinity of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image, of traffic on a road, a roadway, a highway,

Art Unit: 2486

a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device or transmits the video information to a communication device or a computer.

With regards to respective dependent claims 42-54, 62-66, 68-71 they are allowed at the very least for the reasons concerning their respective independent claims.

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 of Statement of Reasons for Allowance."

Art Unit: 2486

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

asr


/Andy S. Rao/

Primary Examiner, Art Unit 2486

July 23, 2016

Application/Control Number: 13/374,915
Art Unit: 2486

Page 6

Search Notes 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC- SEARCHED		
Symbol	Date	Examiner
G01S: 11/12; G06K: 9/00791; B63B: 45/02	7/23/2016	AR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	113-118, 148	7/23/2016	AR

SEARCH NOTES		
Search Notes	Date	Examiner
Consulted Search Notes and IDS of parent application: #09/259,957	4/14/2016	AR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
348	100-150	7/23/2016	AR
G01S	11/12	7/23/2016	AR
G06K	9/00791	7/23/2016	AR
B63B	45/02	7/23/2016	AR

	/ANDY RAO/ Primary Examiner. Art Unit 2486
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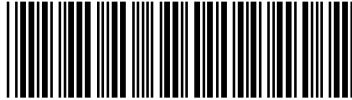
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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BIB DATA SHEET

CONFIRMATION NO. 9217

SERIAL NUMBER 13/374,915	FILING or 371(c) DATE 01/23/2012 RULE	CLASS 348	GROUP ART UNIT 2486	ATTORNEY DOCKET NO. RJ021	
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 PAT 9075136 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/03/2012					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /ANDY SHASHIKANT RAO/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance AR Initials	STATE OR COUNTRY NY	SHEETS DRAWINGS 6	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703					
TITLE VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD					
FILING FEE RECEIVED 1025	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed

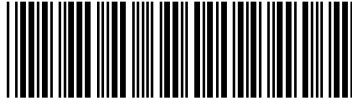
-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	07/23/2016							
	1	-							
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	36	-							

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47


CLAIM		DATE							
Final	Original	07/23/2016							
	37	-							
	38	-							
	39	-							
	40	-							
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15	61	=							
16	62	=							
17	63	=							
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21	67	=							
22	68	=							
23	69	=							
24	70	=							
25	71	=							

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY	
	Examiner ANDY RAO	Art Unit 2486	

CPC						
Symbol					Type	Version
G01S		11		12	F	2013-01-01
G01C		21		3691	I	2013-01-01
G08G		1		04	I	2013-01-01
G08G		1		096716	I	2013-01-01
G08G		1		096758	I	2013-01-01
G08G		1		096783	I	2013-01-01
B63B		49		00	I	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/ANDY RAO/ Primary Examiner. Art Unit 2486	07/23/2016	1	1
(Primary Examiner)	(Date)		

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original						
	1		17		33	9	49	19	65												
	2		18		34	10	50	20	66												
	3		19		35	11	51	21	67												
	4		20		36	12	52	22	68												
	5		21		37	13	53	23	69												
	6		22		38	14	54	24	70												
	7		23		39		55	25	71												
	8		24		40		56														
	9		25	1	41		57														
	10		26	2	42		58														
	11		27	3	43		59														
	12		28	4	44		60														
	13		29	5	45	15	61														
	14		30	6	46	16	62														
	15		31	7	47	17	63														
	16		32	8	48	18	64														

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/ANDY RAO/ Primary Examiner. Art Unit 2486	07/23/2016	1	1
(Primary Examiner)	(Date)		

**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)**

Application Number	13/374,915	Filing Date	2012-01-23	Docket Number (if applicable)	RJ021	Art Unit	2486
First Named Inventor	RAYMOND A. JOAO			Examiner Name	A. RAO		

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. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

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

Other _____

Enclosed

Amendment/Reply

Information Disclosure Statement (IDS)

Affidavit(s)/ Declaration(s)

Other _____

MISCELLANEOUS

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)

Other _____

FEES

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

The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

Applicant Signature

Applicant Signature			
Applicant 1		<input type="button" value="Remove"/>	
Signature	Raymond A. Joao/	Date (YYYY-MM-DD)	2016-10-21
Name	RAYMOND A. JOAO, REG. NO. 35,907		
Click ADD for additional Applicant Signature		<input type="button" value="Add"/>	

This collection of information is required by 37 CFR 1.114. 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 1.11 and 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, 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

This is an Amendment in the above-identified application. Entry of this Amendment is respectfully requested.

Based on the following Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested.

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claim 68, without prejudice, please amend independent Claim 67, and please add new Claim 72, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-40. (Canceled).

Claim 41. (Previously Presented) An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle;

a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway, or an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information or information regarding a traffic condition,

wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Claim 42. (Previously Presented) The apparatus of Claim 41, wherein the apparatus detects a departure from the travel route, and further wherein the apparatus determines or identifies a second travel route to the destination, and further wherein the apparatus provides information regarding the second travel route.

Claim 43. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives video information regarding the travel route or video information regarding a second travel route to the destination, and further wherein the apparatus provides the video information regarding the

travel route or the video information regarding the second travel route.

Claim 44. (Previously Presented) The apparatus of Claim 41, wherein the video information regarding the travel route or the video information regarding a second travel route is obtained with or by at least one camera located along, on, adjacent to, or near, the travel route or the second travel route via the display device.

Claim 45. (Previously Presented) The apparatus of Claim 41, wherein the apparatus provides a video preview of the travel route or a picture or image along the travel route or provides a video preview of a second travel route to the destination or a picture or image along the second travel route.

Claim 46. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a traffic forecast associated with the travel route or a traffic forecast associated with a second travel route to the destination, and further wherein the apparatus provides the information regarding the traffic forecast associated with the

travel route or the traffic forecast associated with the second travel route via the display device or the speaker.

Claim 47. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route via the display device or the speaker.

Claim 48. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a weather condition, weather information, a forecasted weather condition, or a weather forecast, and further wherein the apparatus provides the information regarding the weather condition, the weather information, the forecasted weather condition, or the weather forecast via the display device or the speaker.

Claim 49. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives information regarding a news report, and further wherein the apparatus provides the

information regarding the news report via the display device or the speaker.

Claim 50. (Previously Presented) The apparatus of Claim 41, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 51. (Previously Presented) The apparatus of Claim 41, wherein the apparatus receives travel route information transmitted from a computer, a transmitter, or a device, located remote from the apparatus, and further wherein the apparatus provides the travel route information via the display device or the speaker, or wherein the apparatus receives information regarding a traffic condition, and further wherein the apparatus provides the information regarding a traffic condition via the display device or the speaker.

Claim 52. (Previously Presented) The apparatus of Claim 41, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 53. (Previously Presented) The apparatus of Claim 41, wherein the apparatus processes a request to provide video information from or associated with a selected location, wherein the selected location is located remote from the apparatus, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 54. (Previously Presented) The apparatus of Claim 41, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the first travel route, wherein the apparatus provides information regarding the second travel route.

Claims 55-60. (Canceled).

Claim 61. (Previously Presented) An apparatus,
comprising:

a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image, of traffic on a road, a roadway, a highway, a parkway, or an expressway;

a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle;

a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway;

a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and

a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition,

wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

Claim 62. (Previously Presented) The apparatus of Claim 61, wherein the display device is located or mounted on, or adjacent to, a dashboard of the vehicle or a console of the vehicle.

Claim 63. (Previously Presented) The apparatus of Claim 61, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 64. (Previously Presented) The apparatus of Claim 61, wherein the apparatus processes a request to provide

video information from or associated with a selected location, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device.

Claim 65. (Previously Presented) The apparatus of Claim 61, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the travel route, wherein the apparatus provides information regarding the second travel route.

Claim 66. (Previously Presented) The apparatus of Claim 61, wherein the display device displays a plurality of video images simultaneously.

Claim 67. (Currently Amended) An apparatus, comprising:

a camera for obtaining a photograph, a picture, or an image, of or in the vicinity of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a

picture, or an image, of traffic on a road, a roadway, a highway, a parkway, or an expressway;

a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle;

a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway;

a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and

~~a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition,~~

~~wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker,~~

wherein the apparatus processes a request to provide video information ~~from or associated with~~ obtained at a selected location, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device or transmits the video information to a communication device or a computer.

Claim 68. (Canceled).

Claim 69. (Previously Presented) The apparatus of Claim 67, further comprising:

a microphone and voice recognition software, wherein the microphone and the voice recognition software provides or facilitates a hands-free mode of apparatus operation.

Claim 70. (Previously Presented) The apparatus of Claim 67, wherein the apparatus automatically detects a departure from the travel route, and further wherein the apparatus identifies a second travel route to the destination in response to the detected departure from the travel route, wherein the apparatus provides information regarding the second travel route.

Claim 71. (Previously Presented) The apparatus of Claim 67, wherein the display device displays a plurality of video images simultaneously.

Claim 72. (New) The apparatus of Claim 67, further comprising:

a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition,

wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

REMARKS

Claims 41-54, 61-67, and 69-72 are pending in this application. By this Amendment, Applicant has cancelled Claim 68, without prejudice, Applicant has amended independent Claim 67, and Applicant has added new Claim 72. Applicant respectfully submits that the amendment to independent Claim 67 does not contain new matter. Applicant also respectfully submits that the amendment to independent Claim 67 was not made for purposes related to patentability. Applicant further respectfully submits that newly added Claim 72 does not contain new matter.

Applicant respectfully submits that the present invention, as defined by Claims 41-54, 61-67, and 69-72, is patentable over the prior art.

In view of the foregoing Amendments and Remarks, the application is deemed to be in condition for allowance and action to that end is respectfully requested. Allowance of pending Claims 41-54, 61-67, and 69-72 is respectfully requested.

Respectfully Submitted,

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

October 21, 2016

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

Electronic Patent Application Fee Transmittal

Application Number:	13374915			
Filing Date:	23-Jan-2012			
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD			
First Named Inventor/Applicant Name:	Raymond Anthony Joao			
Filer:	Raymond Anthony Joao			
Attorney Docket Number:	RJ021			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	850	850
Total in USD (\$)				850

Electronic Acknowledgement Receipt

EFS ID:	27281423
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	21-OCT-2016
Filing Date:	23-JAN-2012
Time Stamp:	09:21:31
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$850

RAM confirmation Number	102116INTEFSW09235500
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	13374915- RECTransmittal-10-21-2016.pdf	797786 6f1c08b238763e6a993c97833e5cbda876462e2	no	3

Warnings:

Information:

2	Amendment Submitted/Entered with Filing of CPA/RCE	13374915- RCEAmendement-10-21-2016. pdf	93371 4ab6754499ca9202c252eb8687dfd8da9fafa5	no	16
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Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30072 78f54dbeccdb7f5f5001975626226626cdd02a7	no	2
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Warnings:

Information:

Total Files Size (in bytes):			921229		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/374,915	Filing Date 01/23/2012	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	10/21/2016	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total (37 CFR 1.16(i))	* 25	Minus	** 25	= 0	X \$40 = 0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
					TOTAL ADD'L FEE	0

AMENDMENT	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/GAIL WOOTEN/

This collection of information is required by 37 CFR 1.16. 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, 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 and select option 2.



NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 11/18/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

Table with 2 columns: EXAMINER (RAO, ANAND SHASHIKANT), ART UNIT (2486), PAPER NUMBER (9217)

DATE MAILED: 11/18/2016

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE 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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop 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 Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

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.

7590 11/18/2016
RAYMOND A. JOAO, ESQ.
 122 BELLEVUE PLACE
 YONKERS, NY 10703

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	02/21/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAO, ANAND SHASHIKANT	2486	348-113000

<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</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(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. 2 _____</p> <p>3 _____</p>
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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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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 submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/374,915, 01/23/2012, Raymond Anthony Joao, RJ021, 9217

7590 11/18/2016
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

Table with 2 columns: EXAMINER, ART UNIT, PAPER NUMBER
Values: RAO, ANAND SHASHIKANT, 2486

DATE MAILED: 11/18/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
	Examiner ANDY RAO	Art Unit 2486	AIA (First Inventor to File) Status No

-- 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 (PTOL-85) 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 RCE filed on 10/21/16.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 41-54, 61-67, 69-72 (respectively renumbered as claims 1-25). As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____.

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.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/ANDY RAO/
Primary Examiner, Art Unit 2486

Art Unit: 2486

Continued Examination Under 37 CFR 1.114

1. The present application is being examined under the pre-AIA first to invent provisions. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114.

Applicant's submission filed on 10/21/16 has been entered.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: Claims 41-54, 61-67, 69-72 are allowed. The reasons for allowance contained herein supersede all previous reasons for allowance of record.

Regarding independent Claim 41, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle; a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway, or an expressway; a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and a receiver, wherein the receiver receives traffic

Art Unit: 2486

information or information regarding a traffic condition, wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Regarding independent Claim 61, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

Regarding independent Claim 67, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of or in the vicinity of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image, of traffic on a road, a roadway, a highway,

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a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and wherein the apparatus processes a request to provide video information obtained at a selected location, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device or transmits the video information to a communication device or a computer.

With regards to respective dependent claims 42-54, 62-66, 69-72 they are allowed at the very least for the reasons concerning their respective independent claims.

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 of Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.

Art Unit: 2486

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

asr

/Andy S. Rao/

Primary Examiner, Art Unit 2486


November 12, 2016

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC						
Symbol					Type	Version
G01S		11		12	F	2013-01-01
G01C		21		3691	I	2013-01-01
G08G		1		04	I	2013-01-01
G08G		1		096716	I	2013-01-01
G08G		1		096758	I	2013-01-01
G08G		1		096783	I	2013-01-01
B63B		49		00	I	2013-01-01


CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	25	
/ANDY RAO/ Primary Examiner. Art Unit 2486	11/12/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486


US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION								
CLASS		SUBCLASS				CLAIMED				NON-CLAIMED				
348		113				H	0	4	N	7 / 18 (2006.01.01)				
CROSS REFERENCE(S)														
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)													
348	115													

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/ANDY RAO/ Primary Examiner. Art Unit 2486	11/12/2016	1	1
(Primary Examiner)	(Date)		

Issue Classification 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original						
	1		17		33	9	49	19	65												
	2		18		34	10	50	20	66												
	3		19		35	11	51	21	67												
	4		20		36	12	52		68												
	5		21		37	13	53	22	69												
	6		22		38	14	54	23	70												
	7		23		39		55	24	71												
	8		24		40		56	25	72												
	9		25	1	41		57														
	10		26	2	42		58														
	11		27	3	43		59														
	12		28	4	44		60														
	13		29	5	45	15	61														
	14		30	6	46	16	62														
	15		31	7	47	17	63														
	16		32	8	48	18	64														

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/ANDY RAO/ Primary Examiner. Art Unit 2486	11/12/2016	1	1
(Primary Examiner)	(Date)		

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/12/2016							
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	35	-							
	36	-							

Index of Claims 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47


CLAIM		DATE							
Final	Original	11/12/2016							
	37	-							
	38	-							
	39	-							
	40	-							
1	41	=							
2	42	=							
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16	62	=							
17	63	=							
18	64	=							
19	65	=							
20	66	=							
21	67	=							
	68	-							
22	69	=							
23	70	=							
24	71	=							
25	72	=							


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

BIB DATA SHEET
CONFIRMATION NO. 9217

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
13/374,915	01/23/2012	348	2486	RJ021		
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 PAT 9075136 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/03/2012						
Foreign Priority claimed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	AR	NY	6	20	3
Verified and	/ANDY SHASHIKANT	Initials				
Acknowledged	Examiner's Signature					
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703						
TITLE VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD						
FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		
1025						

Search Notes 	Application/Control No. 13374915	Applicant(s)/Patent Under Reexamination JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

CPC- SEARCHED		
Symbol	Date	Examiner
G01S: 11/12; G06K: 9/00791; B63B: 45/02	11/12/2016	AR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	113-118, 148	11/12/2016	AR

SEARCH NOTES		
Search Notes	Date	Examiner
Consulted Search Notes and IDS of parent application: #09/259,957	11/12/2016	AR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
348	100-150	11/12/2016	AR
G01S	11/12	11/12/2016	AR
G06K	9/00791	11/12/2016	AR
B63B	45/02	11/12/2016	AR

	/ANDY RAO/ Primary Examiner.Art Unit 2486
--	--



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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/374,915 01/23/2012 Raymond Anthony Joao RJ021 9217
EXAMINER: RAO, ANAND SHASHIKANT
ART UNIT: 2486 PAPER NUMBER:
MAIL DATE: 03/07/2017 DELIVERY MODE: PAPER

Notice of Abandonment

This application is abandoned in view of:

- 1. [] The applicant's failure to timely file a proper reply to the Office letter mailed on ...
(a) [] A reply was received on ... (with a Certificate of Mailing or Transmission date ...), which is after the expiration of the period for reply ...
(b) [] No reply has been received.
2. [X] Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
(a) [] The issue fee and publication fee, if applicable, was received on ... (with a Certificate of Mailing or Transmission date ...), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
(b) [] The submitted fee of \$... is insufficient. A balance of \$... is due.
The issue fee required by 37 CFR 1.18 is \$...
The publication fee, if required by 37 CFR 1.18(d), is \$...
(c) [X] The issue fee and publication fee, if applicable, has not been received.
3. [] Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
(a) [] Proposed corrected drawings were received on ... (with a Certificate of Mailing or Transmission dated ...), which is after the expiration of the period for reply.
(b) [] No corrected drawing have been received.
4. [] Applicant's failure to timely file the inventor's oath or declaration no later than the date on which the issue fee was paid as required by the Notice Requiring Inventor's Oath or Declaration (PTO-2306).
(a) [] An inventor's oath or declaration was received on ... (with a Certificate of Mailing or Transmission date ...), which is after the date on which the issue fee was paid.
(b) [] While an oath or declaration (or substitute statement) for one or more inventors was received, an oath or declaration (or substitute statement) for at least one other inventor has not been received.
(c) [] No inventor's oath or declaration has been received.
5. [] Drawings received on ... were disapproved by examiner. See examiner's response dated ...
6. [] Corrected drawings were received on ... , which is after the expiration of the one-month period for reply set in examiner's response dated ...
7. [] No corrected drawings have been received in reply to one-month period set in examiner's response dated ...
8. [] The reason(s) below:

Petitions to revive under 37 CFR 1.137(a) or (b), or request to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

Handwritten signature: Alvin Gerahy

(571)-272-4200 or 1(888)-786-0101
Patent Publication Branch
Office of Data Management
FORM PTO-ABN0 (Rev. 06/09)

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

Mail Stop Technology Center 2400
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO WITHDRAW HOLDING OF ABANDONMENT BASED ON FAILURE
TO RECEIVE OFFICE ACTION

Sir:

This is a Petition To Withdraw Holding Of Abandonment Based On Failure To Receive Office Action in the above-identified application. Applicant, who is also the Undersigned (and who also refers to himself as the "Undersigned" herein), never received the Office Action containing the Notice Of Allowance (hereinafter the "Notice Of Allowance"), mailed on November 18, 2016 in this application.

Applicant, on March 10, 2017, received a Notice Of Abandonment, mailed March 7, 2017 (the "Notice of Abandonment") in the above-identified application, a copy of which is submitted herewith as Exhibit A. Upon receiving and reviewing the Notice of Abandonment and accessing the Public PAIR system, the Undersigned first learned that the Notice Of Allowance was issued, and mailed on November 18, 2016, in response to the Applicant's filing of a Request For Continued Examination (RCE) in this application on October 21, 2016.

The Undersigned never received the Notice Of Allowance, mailed on November 18, 2016, in this application. Further, the Undersigned had no knowledge that the Examiner had acted, in any way, on the RCE filed on October 21, 2016.

The Undersigned has searched through all of his Office communications received from the United States Patent and Trademark Office since November 2, 2016 and has not located the Notice of Allowance, mailed November 18, 2016, and the Undersigned is certain that such was never received at his correspondence address. Further, the Undersigned has no records of the Notice Of Allowance in his docketing records.

The Undersigned has followed the following office operating procedures and docketing procedures for years and cannot recall any problems regarding same:

1. The Undersigned is an Electrical Engineer, Registered Patent Attorney, Inventor, and business owner.

2. The Undersigned prosecutes patent applications for which he is a named inventor.

3. The Undersigned does not rely on any other person in prosecuting his patent applications and in maintaining his docketing records.

4. The Undersigned receives all Office communications at his home address and he has direct access to all incoming mail and correspondence.

5. The Undersigned relies on the USPTO Public PAIR system for maintaining the file histories of his applications. The Undersigned does not maintain a file jacket for this application or for any other patent application he prosecutes.

6. The Undersigned employs a manual and usually handwritten docketing system wherein responses to Office Actions and any other communications are noted in the month they are due. Entries typically include the due date or a desired date to respond (if earlier than the due date), the Attorney docket number, and a shorthand notation of what action is required (for example, RCE, Amendment (AM), Issue

Fee (IFee), etc.). As responses are filed, they are crossed off the list. Dockets are revised, or new dockets are created, when appropriate.

7. The Undersigned maintains all pending Office Actions either in his office or on his desk at all times until responses are made thereto.

8. A copy of the Undersigned's actual docket sheet for January and February 2017 is submitted herewith as Exhibit B (and showing responses crossed off where applicable). Please note that no docketing entry is made for, no response was docketed for, and no action or response remained to be performed for, this application (Docket No. RJ021), or for any February 18, 2017 Issue Fee payment deadline or other response which would have corresponded to the Notice Of Allowance, mailed November 18, 2016, in this application.

9. A copy of what Exhibit B would have looked like prior to any work being performed on the docket for January and February 2017 is submitted herewith as Exhibit C.

10. The Undersigned also compiled a list of all received Office Actions requiring responses for November 2016 and submits the same as Exhibit D.

11. The Undersigned has used the above-described docketing method for the past 15 years while working from a home office.

The Undersigned respectfully submits that the use of a manual and relatively simple docketing system should not foreclose the Undersigned from having the holding of abandonment withdrawn in this application. The Undersigned has a long history in being diligent in responding to Office Actions in prosecuting numerous patent applications throughout his years in practicing before the USPTO, and the Undersigned has recently received, and has responded to, numerous other Office Actions in other applications since November 2, 2016. The Undersigned never received, and never had any notice of, the Notice Of Allowance in this application, and only came to learn about the same upon receiving the Notice Of Abandonment on March 10, 2017.

The Undersigned has no intention of abandoning this application. In fact, the Undersigned has every intention of continuing to prosecute this application, as evidenced by his filing of the RCE on October 21, 2016. The Undersigned is happy to answer any questions the Office may have regarding this matter.

In view of the foregoing, the Undersigned respectfully requests that this Petition To Withdraw Holding Of Abandonment Based On Failure To Receive Office Action be

granted, that the Holding of the Abandonment in this application be withdrawn, and that a new Notice of Allowance for this application be mailed to the Undersigned.

Respectfully Submitted,

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

Encls.: - Exhibit A - Copy of Notice Of Abandonment
- Exhibit B - Copy of the Undersigned's actual handwritten docket for January and February 2017
- Exhibit C - Copy of what Exhibit B would have looked like prior to any work being performed on the docket for January and February 2017
- Exhibit D - A list of Office Actions received by the Undersigned during November 2016 requiring responses

March 13, 2017

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

EXHIBIT A



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 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/374,915 01/23/2012 Raymond Anthony Joao RJ021 9217
EXAMINER: RAO, ANAND SHASHIKANT
ART UNIT: 2486 PAPER NUMBER:
MAIL DATE: 03/07/2017 DELIVERY MODE: PAPER

Notice of Abandonment

This application is abandoned in view of:

- 1. [] The applicant's failure to timely file a proper reply to the Office letter mailed on ...
(a) [] A reply was received on ... (with a Certificate of Mailing or Transmission date ...), which is after the expiration of the period for reply ...
(b) [] No reply has been received.
2. [X] Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
(a) [] The issue fee and publication fee, if applicable, was received on ... (with a Certificate of Mailing or Transmission date ...), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
(b) [] The submitted fee of \$... is insufficient. A balance of \$... is due.
The issue fee required by 37 CFR 1.18 is \$...
The publication fee, if required by 37 CFR 1.18(d), is \$...
(c) [X] The issue fee and publication fee, if applicable, has not been received.
3. [] Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
(a) [] Proposed corrected drawings were received on ... (with a Certificate of Mailing or Transmission dated ...), which is after the expiration of the period for reply.
(b) [] No corrected drawing have been received.
4. [] Applicant's failure to timely file the inventor's oath or declaration no later than the date on which the issue fee was paid as required by the Notice Requiring Inventor's Oath or Declaration (PTO-2306).
(a) [] An inventor's oath or declaration was received on ... (with a Certificate of Mailing or Transmission date ...), which is after the date on which the issue fee was paid.
(b) [] While an oath or declaration (or substitute statement) for one or more inventors was received, an oath or declaration (or substitute statement) for at least one other inventor has not been received.
(c) [] No inventor's oath or declaration has been received.
5. [] Drawings received on ... were disapproved by examiner. See examiner's response dated ...
6. [] Corrected drawings were received on ..., which is after the expiration of the one-month period for reply set in examiner's response dated ...
7. [] No corrected drawings have been received in reply to one-month period set in examiner's response dated ...
8. [] The reason(s) below:

Petitions to revive under 37 CFR 1.137(a) or (b), or request to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

Patent Publication Branch
Office of Data Management
(571)-272-4200 or 1(888)-786-0101

Attachment to Notice of Abandonment

For questions concerning the notice contact Office of Patent Publication Image Assistance Center: 888-786-0101.

Information is also available on the USPTO Internet web site:
<http://www.uspto.gov/web/patents/pubs/abandonnotice.html>

Respond to the Notice of Abandonment by one of the following:

1. Petition To Withdraw Holding of Abandonment (See MPEP 711.03(c) I and 37 CFR § 1.181) No fee required

Where an applicant contends that the application is not in fact abandoned (e.g., a reply was in fact filed), a petition under 37 CFR § 1.181(a) requesting withdrawal of the holding of abandonment is the appropriate course of action. Any petition under 37 CFR § 1.181 to withdraw the holding of abandonment not filed within 2 months of the mail date of a Notice of Abandonment may be dismissed as untimely under 37 CFR § 1.181(f). In order for a petition to be granted, the evidence must be sufficient according to 37 CFR § 1.8(b) Certificate of Mailing; 37 CFR § 1.10 "Express Mail" mailing; or MPEP 503 Postcard Receipt as Prima Facie Evidence. The petition should be addressed as follows:

By mail: Mail Stop: Issue Fee, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450
By facsimile: 571-273-8300

2. Petition To Withdraw Holding Of Abandonment Based On Failure To Receive Office Action (MPEP 711.03(c) II and 37 CFR § 1.181). No fee required

Where an applicant contends that the original Notice of Allowance and Fee(s) Due was never received, if adequately supported, the Office may grant the petition and remail the Office action. The showing required establishing non-receipt of an Office communication must include a statement from the practitioner stating that the Office communication was not received and attesting to the fact that a search of the file jacket and docket records indicates that the Office communication was not received. A copy of the docket record where the nonreceived Office would have been entered had it been received and docketed must be attached to and referenced in practitioner's statement.

Petition should be addressed to the Technology Center handling the application as follows:

By mail: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450
By facsimile: 571-273-8300

3. Petition To Revive An Abandoned Application (See MPEP 711.03(c) III)

Where there is no dispute as to whether an application is abandoned (e.g., the applicant's contentions merely involve the cause of abandonment) a petition under 37 CFR § 1.137 (a) or (b) (accompanied by the appropriate petition fee) is necessary to revive the abandoned application. The text of these rules is available on the USPTO Internet Web site. Forms for these petitions, "Petition For Revival Of An Application For Patent Abandoned Unavoidably Under 37 CFR § 1.137(a)," PTO/SB/61, and "Petition For Revival Of An Application For Patent Abandoned Unintentionally Under 37 CFR 1.137(b)," PTO/SB/64, are available in the forms section of the USPTO website: <http://www.uspto.gov>.

Petitions under 37 CFR § 1.137 should be addressed to the Office of Petitions as follows:

By mail: Mail Stop Petition, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450
By facsimile: 571-273-8300

Note: Abandonment takes place by operation of law for failure to reply to an Office action or timely pay the issue fee, not by operation of the mailing of a Notice of Abandonment

EXHIBIT B

Dec

~~Handwritten scribbles~~

Jan

~~Multiple lines of heavily scribbled-out handwritten text~~

Feb

0715 941764
Am

072 65721
pcc

~~Multiple lines of heavily scribbled-out handwritten text~~

0715 6776
Am

~~Multiple lines of heavily scribbled-out handwritten text~~

Mar

EXHIBIT C

DOCKET JAN/FEB 2017

JAN

1/26 RAJ136
AM

1/7 RJ6JSA
RCE/AM/1 month

1/12 RJ506
AM/1 month

1/20 RJ227
AM 1 month

1/5 RJ6J101

1/20 RAJ101 C+M
AM

1/15 GJRJ6J
RCE

FEB

2/15 RAJ176
AM

2/2 RJ721
RCE

2/2 RCE - RJ951

2/16 MCRJ004
AM

2/14 RJ253
AM

2/15 RJ476
AM

2/28 RJMCO05
FOOO PRO

① CONT 3/2 AM

② CONT INT

EXHIBIT D

Office Actions Received November 2016

<u>Office Action</u>	<u>Docket No.</u>	<u>Serial No.</u>	<u>Due Date</u>	<u>Action Required</u>
11/02/2016	RJ721	14/987,286	02/02/2017	RCE/Amendment
11/02/2016	RJ951	12/925,057	02/02/2017	IFee/RCE
11/14/2016	RJ253	14/839,946	02/14/2017	Amendment
11/15/2016	RAJ176	14/983,236	02/15/2017	Amendment
11/15/2016	RJ476	12/802,973	02/15/2017	Amendment
11/16/2016	MCRJ004	14/640,470	02/16/2017	Amendment

Electronic Acknowledgement Receipt

EFS ID:	28618983
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	13-MAR-2017
Filing Date:	23-JAN-2012
Time Stamp:	20:53:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition for review by the Technology Center SPRE	13374915-PetitionToWithdrawHoldingOf AbandonmentWithExhibits-03-13-2017.pdf	442705 9759aca530894f7b4e42e5064c58ce28fe5277bd	no	15
Warnings:					
Information:					
Total Files Size (in bytes):			442705		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Office of Petitions: Routing Sheet



Application No.

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application, as indicated below. For details of this decision, please see the document PET.OP.DEC filed on the same date as this document.

GRANTED

DISMISSED

DENIED

Office of Petitions: Decision Count Sheet

Mailing Month

8

Application No.

13374915



For US serial numbers: enter number only, no slashes or commas. Ex: 10123456

For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345

Deciding Official:

Nancy Johnson

Count (1) - Palm Credit

13374915

Decision:

GRANT

FINANCE WORK NEEDED

Select Check Box for YES



Decision Type:

525 - 37 CFR 1.181 for W/D HOLDING OF ABANDONME



Notes:

Count (2)

Decision:

n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type:

NONE

Notes:

Count (3)

Decision:

n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type:

NONE

Notes:

Initials of Approving Official (if required)

If more than 3 decisions, attach 2nd count sheet & mark this box

Printed on: 8/16/2017



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/374,915 01/23/2012 Raymond Anthony Joao RJ021 9217

7590 08/16/2017
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

MAIL DATE DELIVERY MODE

08/16/2017

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of :
Raymond Joao : ON PETITION
Application No. 13/374,915 :
Filed: January 23, 2012 :
Attorney Docket No. RJ021 :

This is in response to the "PETITION TO WITHDRAW HOLDING OF ABANDONMENT BASED ON FAILURE TO RECEIVE OFFICE ACTION" filed March 13, 2017.

The above-identified application became abandoned for failure to timely pay the required issue fee within the statutory period of three months from the mailing date of the Notice of Allowance mailed November 18, 2016. A courtesy Notice of Abandonment was mailed on March 7, 2017.

Petitioner promptly filed a petition, requesting withdrawal of the holding of abandonment on the basis that the Notice of Allowance was not received at the correspondence address of record. The petition includes a statement from the Inventor/Practitioner stating that the Notice was not received by the Practitioner; Facts to Support the Declaration; a Statement from the Practitioner attesting to the fact that a search of his docket records indicate that the Notice was not received, and that Inventor/Practitioner uses the PAIR system as his file jacket; and a copy of the Docket Record/Sheet where the Nonreceived Notice would have been entered and docketed had it been received.

Petitioner has adequately supported his claim of non-receipt.

In view thereof, the holding of abandonment is hereby **WITHDRAWN**.

The petition under § 1.181 is **GRANTED**.

No fee is required on petition under § 1.181.

Art Unit: OPET

Technology Center Art Unit 2486 has been advised of this decision. The application is, thereby, forwarded to the Technology Center's technical support staff to withdraw the holding of abandonment and for re-mailing of the Notice of Allowance originally mailed November 18, 2016 and restarting of the period for reply.

Telephone inquiries concerning this decision should be directed to the undersigned at (571) 272-3219. Any questions regarding examination should be directed to the Technology Center.

/Nancy Johnson/

Nancy Johnson
Attorney Advisor
Office of Petitions

Electronic Petition Request	TERMINAL DISCLAIMER TO OBIVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT
Application Number	13374915
Filing Date	23-Jan-2012
First Named Inventor	Raymond Joao
Attorney Docket Number	RJ021
Title of Invention	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

- Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action
- This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
GTJ VENTURES, LLC	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

9075136

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

- Small Entity
- Micro Entity
- Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application
Registration Number _____
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this request

Signature	/Raymond A. Joao/
Name	RAYMOND A. JOAO

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	13374915
Filing Date:	23-Jan-2012
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Filer:	Raymond Anthony Joao
Attorney Docket Number:	RJ021

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
STATUTORY OR TERMINAL DISCLAIMER	1814	1	160	160

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 13374915

Filing Date: 23-Jan-2012

Applicant/Patent under Reexamination: Joao

Electronic Terminal Disclaimer filed on October 23, 2017

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	30734154
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 - -
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	23-OCT-2017
Filing Date:	23-JAN-2012
Time Stamp:	17:24:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$160

RAM confirmation Number	102417INTEFSW17242200
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	33318	no	2
			794d0ae613cfbb8287030b5e4510386567569f46		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30220	no	2
			1fafacd7eac4c7d3763e3ef8ef059e0c48aac281		

Warnings:

Information:

Total Files Size (in bytes):	63538
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



**CORRECTED
NOTICE OF ALLOWANCE AND FEE(S) DUE**

7590 11/06/2017
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER	
RAO, ANAND SHASHIKANT	
ART UNIT	PAPER NUMBER
2486	

DATE MAILED: 11/06/2017

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	02/06/2018

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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

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

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

Best Available Copy
PART B FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax** **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

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.

7590 11/06/2017
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	01/23/2012	Raymond Anthony Joao	RJ021	9217

TITLE OF INVENTION: VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	02/06/2018

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAO, ANAND SHASHIKANT	2486	348-113000

<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</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,</p> <p>(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>
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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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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 submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/374,915, 01/23/2012, Raymond Anthony Joao, RJ021, 9217

7590 11/06/2017
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

DATE MAILED: 11/06/2017

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY	
	Examiner ANDY RAO	Art Unit 2486	AIA (First Inventor to File) Status No

-- 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 (PTOL-85) 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 RCE filed on 10/21/16.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 41-54, 61-67, 69-72 (respectively renumbered as claims 1-25). As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____.

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.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ | |

/ANDY RAO/
Primary Examiner, Art Unit 2486

Continued Examination Under 37 CFR 1.114

1. The present application is being examined under the pre-AIA first to invent provisions. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 10/21/16 has been entered.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: Claims 41-54, 61-67, 69-72 are allowed. The reasons for allowance contained herein supersede all previous reasons for allowance of record.

Regarding independent Claim 41, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle; a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway, or an expressway; a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route; and a receiver, wherein the receiver receives traffic

Art Unit: 2486

information or information regarding a traffic condition, wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Regarding independent Claim 61, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image of traffic on a road, a roadway, a highway, a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and a receiver, wherein the receiver receives traffic information, weather information, or news information, or information regarding a traffic condition or a weather condition, wherein the apparatus provides the traffic information, the weather information, or the news information, or the information regarding a traffic condition or a weather condition, via the display device or via the speaker.

Regarding independent Claim 67, the prior art does not disclose, teach, or suggest, alone or in any combination: An apparatus, comprising: a camera for obtaining a photograph, a picture, or an image, of or in the vicinity of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image, of traffic on a road, a roadway, a highway,

Art Unit: 2486

a parkway, or an expressway; a global positioning device for determining a position or a location of the apparatus or a position or a location of a vehicle; a processing device for processing information regarding the position or the location of the apparatus or the position or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on a road, a roadway, a highway, a parkway, or an expressway; a display device for displaying information regarding the travel route, or a speaker for providing audio information regarding the travel route; and wherein the apparatus processes a request to provide video information obtained at a selected location, wherein the apparatus receives the video information from a computer or communication device associated with the selected location, and further wherein the apparatus provides the video information via the display device or transmits the video information to a communication device or a computer.

With regards to respective dependent claims 42-54, 62-66, 69-72 they are allowed at the very least for the reasons concerning their respective independent claims.

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 of Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.

Art Unit: 2486

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

asr

/Andy S. Rao/

Primary Examiner, Art Unit 2486

November 12, 2016



UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/374,915 01/23/2012 Raymond Anthony Joao RJ021 9217

7590 12/05/2017
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

MAIL DATE DELIVERY MODE

12/05/2017

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



**UNITED STATES DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**

Address : COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
13/374,915	23 January, 2012	JOAO, RAYMOND ANTHONY	RJ021

RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703	EXAMINER	
	ANDY RAO	
	ART UNIT	PAPER
	2486	20171201

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Please see the attachment titled 'Supplemental Reasons For Allowance'

/ANDY RAO/
Primary Examiner, Art Unit 2486

Supplemental Reasons For Allowance

1. The present application is being examined under the pre-AIA first to invent provisions.
2. Upon reviewing all the pending claims in view of the Alice case and the USPTO guidelines for examination of pending eligible subject matter under 35 USC 101, the examiner finds all pending claims to be directed to patent-eligible subject matter and the examiner does not consider any of the pending claims to be directed to an abstract idea and there would be no preemption of the abstract idea or the field of the abstract idea. All the pending and allowed claims are, therefore, directed to patent eligible subject matter under 35 USC 101. Claims are allowed in light of Applicant's arguments and in light of the prior art of record.
3. The following is an examiner's statement of reasons for allowance: The pending claims are directed to apparatuses as stipulated in the claims. Each of the pending claim contains one or more inventive steps and such inventive steps supported the fact that none of the prior art references taken alone, or in any combination fails to disclose, teach or suggest the claimed subject matter of any of the pending and allowed claims 41-54, 61-67, 69-72.
4. 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

Art Unit: 2486

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDY RAO whose telephone number is (571)272-7337. The examiner can normally be reached on Monday-Friday 9AM-5:30PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

asr
/ANDY RAO/
Primary Examiner, Art Unit 2486
November 28, 2017



**UNITED STATES DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**

Address : COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
13/374,915	23 January, 2012	JOAO, RAYMOND ANTHONY	RJ021

RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703	EXAMINER	
	ANDY RAO	
	ART UNIT	PAPER
	2486	20171201

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Please see the attachment titled 'Supplemental Reasons For Allowance'

/ANDY RAO/
Primary Examiner, Art Unit 2486

Supplemental Reasons For Allowance

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Conclusion

Art Unit: 2486

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asr

/ANDY RAO/

Primary Examiner, Art Unit 2486

November 28, 2017


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

BIB DATA SHEET
CONFIRMATION NO. 9217

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
13/374,915	01/23/2012	348	2486	RJ021		
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 PAT 9075136 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/03/2012						
Foreign Priority claimed 35 USC 119(a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No /ANDY SHASHIKANT RAO/ Examiner's Signature	<input type="checkbox"/> Met after Allowance AR Initials	STATE OR COUNTRY NY	SHEETS DRAWINGS 6	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703						
TITLE VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD						
FILING FEE RECEIVED 1025	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit			

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

ALLOWED : NOVEMBER 6, 2017

CONFIRMATION NO. : 9217

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER ALLOWANCE PURSUANT TO 37 C.F.R. §1.312

Sir:

This is an Amendment After Allowance Pursuant to 37 C.F.R. §1.312 in the above-identified application. Entry of this Amendment After Allowance Pursuant to 37 C.F.R. §1.312 is respectfully requested.

Please amend the above identified application as follows:

IN THE SPECIFICATION:

Please amend the Specification as follows:

Please replace the paragraph which was previously inserted on page 2, before line 1, with the following new paragraph:

-- **RELATED APPLICATIONS**

This application is a continuation application of U.S. Patent Application Serial No. 09/259,957, filed March 1, 1999, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", now U.S. Patent No. 9,075,136, the subject matter and teachings of which are hereby incorporated by reference herein in their entirety. U.S. Patent Application Serial No. 09/259,957, filed March 1, 1999, claims the benefit of the priority of U.S. Provisional Patent Application Serial No. 60/076,800, filed March 4, 1998, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", the subject matter and teachings of which are hereby incorporated by reference herein in their entirety. --

REMARKS

This is an Amendment After Allowance Pursuant to 37 C.F.R. §1.312 in the above-identified application. Entry of this Amendment After Allowance Pursuant to 37 C.F.R. §1.312 is respectfully requested.

By this Amendment After Allowance Pursuant to 37 C.F.R. §1.312, Applicant has amended the "RELATED APPLICATIONS" section of the Specification in order to insert the U.S. Patent number of the U.S. Patent (U.S. Patent No. 9,075,136) which issued from the parent U.S. Patent Application Serial No. 09/259,957. Applicant respectfully submits that the above amendment to the Specification does not contain new matter.

Entry of this Amendment After Allowance Pursuant to 37 C.F.R. §1.312 is respectfully requested.

Respectfully Submitted,

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

December 10, 2017
Raymond A. Joao, Esq.
122 Bellevue Place
Yonkers, New York 10703
(914) 969-2992

Electronic Acknowledgement Receipt

EFS ID:	31179870
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	10-DEC-2017
Filing Date:	23-JAN-2012
Time Stamp:	08:22:10
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment after Notice of Allowance (Rule 312)	13374915- AmendmentPursuantTo37CFR 1312-12-10-2017.pdf	80910 431e0af8aba6d82d565adb9485bfcee4452a0811	no	3

Warnings:

Information:

Total Files Size (in bytes):

80910

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

ALLOWED : NOVEMBER 6, 2017

CONFIRMATION NO. : 9217

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ISSUE FEE TRANSMITTAL LETTER

Sir:

This is an Issue Fee Transmittal Letter in the above-identified application. Please find submitted herewith the following paper for entry in the above-identified application:

1. ISSUE FEE TRANSMITTAL FORM PTOL-85.

Applicant submits that payment of the Issue Fee of \$960.00 will be submitted via EFS-Web concurrently with the filing of the above-identified paper.

Applicant respectfully requests that the above-identified paper and accompanying payment be entered in the above-identified application.

Respectfully Submitted,

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

December 11, 2017

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

PART B—FEE(S) TRANSMITTAL

Complete and send this form, together with the applicable fee(s), to: Mail

**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22314-1450
(571)-273-2885**

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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 Use Block 1 for any change of address)

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.

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

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 Mail Stop ISSUE FEE address above, EFS-Web transmitted, or facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

RAYMOND A. JOAO	(Depositor's Name)
/Raymond A. Joao/	(S-signature)
December 11, 2017	(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
13/374,915	01/23/2012	RAYMOND ANTHONY JOAO	RJ021	9217

TITLE OF INVENTION:

APPLN: TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	02/06/2018

EXAMINER	ART UNIT	CLASS-SUBCLASS

- | | | |
|--|--|---|
| <p>1. Change of correspondence address or indication of "Fee Address" (37CFR 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</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered attorney or agent. If no name is listed, no name will be printed</p> | <p>1. RAYMOND A. JOAO, ESQ.</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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

1a. NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

GTJ VENTURES, LLC

662 VALLEY AVENUE

YONKERS, NEW YORK 10703

Please check the appropriate assignee categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies

4b. Payment of Fees(s): (Please first reapply and previously paid fee shown above)

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

5. Change of Entity Status (from status indicated above)

- Applicant certifying micro entity status. See 37 CFR 1.29
- Applicant asserting small entity status. See 37 CFR 1.27
- Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Raymond A. Joao/

Date December 11, 2017

Typed or printed name RAYMOND A. JOAO

Registration No. 35,907
Google Ex 1002, p 389

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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 30 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	13374915
Filing Date:	23-Jan-2012
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Filer:	Raymond Anthony Joao
Attorney Docket Number:	RJ021

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				960

Electronic Acknowledgement Receipt

EFS ID:	31180648
Application Number:	13374915
International Application Number:	
Confirmation Number:	9217
Title of Invention:	VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD
First Named Inventor/Applicant Name:	Raymond Anthony Joao
Correspondence Address:	RAYMOND A. JOAO, ESQ. - 122 BELLEVUE PLACE - YONKERS NY 10703 US 9149692992 rayjoao@verizon.net
Filer:	Raymond Anthony Joao
Filer Authorized By:	
Attorney Docket Number:	RJ021
Receipt Date:	11-DEC-2017
Filing Date:	23-JAN-2012
Time Stamp:	06:48:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$960

RAM confirmation Number	121117INTEFSW06515600
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	13374915-IssueFeeTransmittalLetter-12-11-2017.pdf	64853 53ae31141f15db697b5e199081321a5cbb89c1e8	no	2

Warnings:

Information:

2	Issue Fee Payment (PTO-85B)	13374915-IssueFeeTransmittal-PTOL-85b-12-11-2017.pdf	132391 e469deceb5c0d7af255c6bbb5801ef8000afe0b64	no	2
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Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30207 f34d485b224270dc2965f97966f604a3c5e97ea2	no	2
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Warnings:

Information:

Total Files Size (in bytes):			227451		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/374,915 01/23/2012 Raymond Anthony Joao RJ021 9217

7590 12/21/2017
RAYMOND A. JOAO, ESQ.
122 BELLEVUE PLACE
YONKERS, NY 10703

EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2486

MAIL DATE DELIVERY MODE

12/21/2017

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Response to Rule 312 Communication	Application No. 13/374,915	Applicant(s) JOAO, RAYMOND ANTHONY
	Examiner ANDY RAO	Art Unit 2486

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

1. The amendment filed on 12/10/17 under 37 CFR 1.312 has been considered, and has been:

- a) entered.
- b) entered as directed to matters of form not affecting the scope of the invention.
- c) disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

- d) disapproved. See explanation below.
- e) entered in part. See explanation below.

	/ANDY RAO/ Primary Examiner, Art Unit 2486
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BIB DATA SHEET

CONFIRMATION NO. 9217

SERIAL NUMBER 13/374,915	FILING or 371(c) DATE 01/23/2012 RULE	CLASS 348	GROUP ART UNIT 2486	ATTORNEY DOCKET NO. RJ021	
APPLICANTS INVENTORS Raymond Anthony Joao, Yonkers, NY; ** CONTINUING DATA ***** This application is a CON of 09/259,957 03/01/1999 PAT 9075136 which claims benefit of 60/076,800 03/04/1998 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/03/2012					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /ANDY SHASHIKANT RAO/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance AR Initials	STATE OR COUNTRY NY	SHEETS DRAWINGS 6	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS RAYMOND A. JOAO, ESQ. 122 BELLEVUE PLACE YONKERS, NY 10703					
TITLE VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD					
FILING FEE RECEIVED 1025	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

RJ021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : RAYMOND A. JOAO

SERIAL NO.: 13/374,915

FILED : JANUARY 23, 2012

FOR : VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION
APPARATUS AND METHOD

EXAMINER : A. RAO

GROUP : 2486

ALLOWED : NOVEMBER 6, 2017

CONFIRMATION NO. : 9217

OK TO ENTER: /A.S.R/

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER ALLOWANCE PURSUANT TO 37 C.F.R. §1.312

Sir:

This is an Amendment After Allowance Pursuant to 37 C.F.R. §1.312 in the above-identified application. Entry of this Amendment After Allowance Pursuant to 37 C.F.R. §1.312 is respectfully requested.

Please amend the above identified application as follows:



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/374,915	02/06/2018	9885782	RJ021	9217

7590 01/17/2018

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

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 664 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment 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) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Raymond Anthony Joao, Yonkers, NY;

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 USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

UNIFIED PATENTS,
Petitioner

v.

NAVBLAZER, LLC,
Patent Owner.

IPR2020-00983
Patent 9,885,782 B2

Before KEVIN F. TURNER, JOHN A. HUDALLA,
and AARON W. MOORE, *Administrative Patent Judges*.

MOORE, *Administrative Patent Judge*.

DECISION
Granting Institution of *Inter Partes* Review
35 U.S.C. § 314

I. INTRODUCTION

Unified Patents (“Petitioner”) filed a Petition requesting *inter partes* review of claims 1–5, 7, 8, 10–19, 21–23, and 25 of U.S. Patent No. 9,885,782 B2 (Ex. 1001, “the ’782 patent”). Paper 1 (“Pet.”). NavBlazer, LLC (“Patent Owner”) filed a Preliminary Response. Paper 2 (“Prelim. Resp.”).

Institution of an *inter partes* review is authorized when “the information presented in the petition . . . and any response . . . shows that there is a reasonable likelihood that the petitioner would prevail with respect to at least 1 of the claims challenged in the petition.” 35 U.S.C. § 314(a).

Having considered the Petition, the Preliminary Response, and the evidence of record, we conclude there is a reasonable likelihood that Petitioner will prevail in establishing the unpatentability of at least one claim of the ’782 patent and, therefore, institute *inter partes* review.

A. *Related Matters*

The parties identify the following related matters: *NavBlazer, LLC v. Hyundai Motor America*, No. 2-20-cv-00072 (E.D. Tex. Mar. 4, 2020); *NavBlazer, LLC v. TomTom North America, Inc. et al.*, No. 6-20-cv-00112 (W.D. Tex. Feb. 14, 2020); *NavBlazer, LLC v. Motorola Mobility LLC*, No. 6-20-cv-00100 (W.D. Tex. Feb. 10, 2020); *NavBlazer, LLC v. LG Electronics, Inc. et al.*, No. 6-20-cv-00095 (W.D. Tex. Feb. 7, 2020); *NavBlazer, LLC v. Samsung Electronics Co., Ltd. et al.*, No. 6-20-cv-00089 (W.D. Tex. Feb. 5, 2020); and *NavBlazer, LLC v. Apple Inc.*, No. 6-20-cv-00085 (W.D. Tex. Feb. 4, 2020). See Pet. 82–83; Prelim. Rep. 3–4.

Apple, Inc. has also filed a petition seeking *inter partes* review of claims 1, 2, 7, and 8 of the '782 patent (the "'1254 IPR"). See IPR2020-01254, Paper 1.

B. The '782 Patent

According to Patent Owner, the '782 patent "is directed to an apparatus and method for providing a user with one or more possible travel routes to a destination, as well as additional information regarding the one or more possible travel routes, such as traffic conditions, road conditions, traffic flow, weather information and/or other useful information." Prelim. Resp. 3.

One embodiment, illustrated in Figure 1, includes apparatus 100 with remote video cameras 30, each connected to a location computer 40 maintaining a web site for the camera's video information. See Ex. 1001, 8:12–61. The location computers communicate with central processing computer 20, through which vehicle computer 10 accesses the web sites for the video information. *Id.* at 7:48–9:6.

Independent claim 1, which is representative of the subject matter at issue, is reproduced below:

1. An apparatus, comprising:

a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle;

a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway, or an expressway;

a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker

provides audio information regarding the travel route;
and

a receiver, wherein the receiver receives traffic information or information regarding a traffic condition,

wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.

Ex. 1001, 21:45–65.

Independent claim 15 is similar to claim 1, but further includes “a camera for obtaining a photograph, a picture, or an image, of a road, a roadway, a highway, a parkway, or an expressway, or for obtaining a photograph, a picture, or an image, of traffic on a road, a roadway, a highway, a parkway, or an expressway.” Independent claim 21 is similar to claim 15, but is more specifically directed to receipt of video information.

C. Asserted Grounds of Unpatentability

Petitioner asserts that claims 1–5, 7, 8, 10–19, 21–23, and 25 are unpatentable on the following grounds (Pet. 1–2):

Claims Challenged	35 U.S.C. §	References
1, 7, 8, 10–12, 15–17	103(a)	Obradovich ¹
1, 3–5, 7, 8, 10–13, 15–18, 21, 22, 25	103(a)	Obradovich, Lappenbusch ²
1, 3–5, 7, 8, 10–13, 15–18, 21, 22, 25	103(a)	Obradovich, Hanchett ³

¹ U.S. Patent 6,275,231 (Ex. 1006).

² U.S. Patent 5,982,298 (Ex. 1009).

³ U.S. Patent 5,396,429 (Ex. 1007).

Claims Challenged	35 U.S.C. §	References
2, 14, 19	103(a)	Obradovich, Morimoto ⁴
2, 14, 19, 23	103(a)	Obradovich, Lappenbusch, Morimoto
2, 14, 19, 23	103(a)	Obradovich, Hanchett, Morimoto
7	103(a)	Obradovich, Bouve ⁵
7	103(a)	Obradovich, Lappenbusch, Bouve
7	103(a)	Obradovich, Hanchett, Bouve

Petitioner also relies on a Declaration of Scott Andrews, filed as Exhibit 1004. Patent Owner has not submitted an expert declaration.

II. DISCUSSION

A. Patent Owner's 35 U.S.C. § 314(a) Argument

Patent Owner argues that we should exercise our discretion to deny institution under 35 U.S.C. § 314(a) in view of four cases pending in the United States District Court for the Western District of Texas (the "WDTX Cases"). See Prelim. Resp. 1–2.

In *Apple Inc. v. Fintiv, Inc.*, IPR2020-0019, Paper 11 (PTAB Mar. 20, 2020) (precedential) ("*Fintiv P*"), the Board identified six factors to use in evaluating a patent owner's § 314(a) arguments. See *Fintiv I*, at 3. Our analysis of the *Fintiv I* factors follows.

⁴ U.S. Patent 6,018,697 (Ex. 1008).

⁵ U.S. Patent 5,648,768 (Ex. 1010).

1. *Whether the court granted a stay or evidence exists that one may be granted if a proceeding is instituted.*

Regarding the possibility of a stay, Patent Owner argues that “Petitioner is not a party to any of the WDTX Cases, and thus . . . cannot seek a stay in any of the WDTX Cases,” that “[w]ith regards to the [’1254 IPR], Apple has not filed a motion to stay . . . and there is no indication that they will seek such a stay,” and that “[e]ven if a stay is ultimately sought by Apple, or by any of the other defendants in the WDTX Cases, it would be highly unlikely that such a motion to stay would be granted.” Prelim. Resp. 6–7. Patent Owner further argues that Judge Albright, who is handling the WDTX Cases, has “stated that he will not stay cases pending the outcome of [IPRs] absent special circumstances, as he believes patent owners deserve jury trials in federal court.” *Id.* at 7 (quoting Ex. 2001, 4).

The record thus indicates that there has not been a stay in the District Court, but also that the issue has not been raised with the trial judge. We are unwilling to speculate on whether a motion to stay might be successful and, accordingly, conclude that this factor is neutral. *See Apple Inc. v. Fintiv, Inc.*, IPR2020-00019, Paper 15 at 12 (PTAB May 13, 2020) (informative) (“*Fintiv IP*”) (“We decline to infer, based on actions taken in different cases with different facts, how the District Court would rule should a stay be requested by the parties in the parallel case here.”); *Sand Revolution II, LLC v. Continental Intermodal Group*, IPR2019-01393, Paper No. 24 at 7 (PTAB June 16, 2020) (informative).

2. *The proximity of the court's trial date to the Board's projected statutory deadline for a final written decision.*

Patent Owner argues that the factor concerning the proximity of the district court trial date weighs in favor of denying institution because “[t]he district court trials in the WDTX Cases are scheduled to commence on November 15, 2021, which is over a month before the Board’s projected December 18, 2021 final written decision deadline.” Prelim. Resp. 8.

The statutory deadline to issue a final written decision in this case is one year from the date of institution, which is December 17, 2021, just a month after the *earliest possible* trial date in the WDTX cases, and the litigation Scheduling Order filed by Patent Owner indicates that lead counsel for Samsung, LGE, and Motorola has a conflict with the November date and may request that the trial be pushed into January of 2022. *See Ex. 2003, 4.*

Because the final written decision in this case must issue just a month after the *earliest possible* trial date in the WDTX cases, and may be due a month or more before the *actual* trial date, we find this factor to be neutral.

3. *The investment in the parallel proceeding by the court and the parties.*

Patent Owner argues that the investment in parallel proceedings factor weighs in favor of denying institution because “[t]he parties and the Court will have invested significantly in the WDTX Cases, of which there are four, by the time an institution decision is made by the Board.” Prelim. Resp. 9.

As of the date of entry of this decision, infringement and validity contentions have been served and the parties have exchanged proposed claim constructions and briefed claim construction. *See Ex. 2003.* Nevertheless, the Markman hearing is not scheduled to take place until mid-January 2021,

and fact discovery does not open until January 19, 2021. *See* PO Resp. 10; Ex. 2003. Because the district court has not engaged in claim construction or issued any substantive orders related to the patent, we conclude that this factor weighs against denial of the petition. *See Fintiv I*, 9–10 (explaining that “[i]f . . . the district court has not issued orders related to the patent at issue in the petition, this fact weighs against exercising discretion to deny institution”).

4. *The degree of overlap between issues raised in the petition and in the parallel proceeding.*

Patent Owner argues that the “defendants in the WDTX Cases have served invalidity contentions that assert that the claims asserted are anticipated by and/or obvious in view of Obradovich,” that “Ground 1 in the Petition asserts that claims 1, 7 and 8 are obvious in view of Obradovich and the knowledge of a person of ordinary skill in the art,” and that “Grounds 2, 3 and 7–9 in the Petition assert that claims 1, 7 and/or 8 are obvious using Obradovich as a primary reference in combination with other secondary and tertiary references.” Prelim. Resp. 12–13.

It appears that Patent Owner fails to appreciate that the “Obradovich” patent on which the Petition relies is *not* the same as the “Obradovich” patent cited in the invalidity contentions. The Petition relies on U.S. Patent 6,275,231, while the invalidity contentions rely on U.S. Patent 6,148,261. *See* Ex. 1006 (Obradovich ’231); Ex. 2005, 67 (invalidity contentions based on Obradovich ’261); Ex. 2006, 573 (same). While these two patents share an inventor, they are not in the same family and have different disclosures.

Because the references asserted here and in the WDTX cases are not the same and Patent Owner has not argued that their disclosures are

equivalent, this factor weighs against denial. *See Fintiv I*, 12–13 (explaining that “if the petition includes materially different grounds, arguments and/or evidence than those presented in the district court, this fact has tended to weigh against exercising discretion to deny”).

5. *Whether the petitioner and the defendant in the parallel proceeding are the same party.*

Where, as here, “petitioner is unrelated to a defendant in an earlier court proceeding, the Board has weighed this fact against exercising discretion to deny institution.” *Fintiv I*, 13–14. Patent Owner argues that the Board may exercise its authority to deny institution even when a petitioner is unrelated to a defendant “if the issues are the same as, or substantially similar to, those already or about to be litigated, or other circumstances weigh against redoing the work of another tribunal.” Prelim. Resp. 15 (quoting *Fintiv I*, 14). This argument is not persuasive because, as explained above, Patent Owner has not shown that the issues are the same, nor has Patent Owner pointed specifically to “other circumstances” that would shift this factor in the direction of denial. We conclude that this factor weighs against denying institution because Petitioner is unrelated to the defendants in the WDTX cases. *Fintiv I*, 13–14.

6. *Other circumstances that impact the Board’s exercise of discretion, including the merits.*

“[I]f the merits of a ground raised in the petition seem particularly strong on the preliminary record, this fact has favored institution” because “the institution of a trial may serve the interest of overall system efficiency and integrity because it allows the proceeding to continue in the event that

the parallel proceeding settles or fails to resolve the patentability question presented in the PTAB proceeding.” *Fintiv I*, 15.

For the reasons described below, we find the substantive case for unpatentability to be strong, and Patent Owner, on this record, has not advanced any counter-arguments on the merits. We thus find this factor to favor institution.

* * *

We conclude that, of the *Fintiv I* factors, the stay and trial date considerations are neutral, and the investment, overlap, party, and other circumstances considerations favor institution. Because, on these particular facts, the balance is tilted in favor of going forward, we decline to exercise our discretion under § 314(a) to deny institution.

B. Reasonable Likelihood Analysis

Petitioner alleges that claims 1, 7, 8, 10–12, and 15–17 are unpatentable under 35 U.S.C. § 103(a) as obvious in view of Obradovich (Ground 1); that claims 1, 3–5, 7, 8, 10–13, 15–18, 21, 22, and 25 are unpatentable as obvious in view of Obradovich and Lappenbusch (Ground 2); and that claims 1, 3–5, 7, 8, 10–13, 15–18, 21, 22, and 25 are unpatentable as obvious in view of Obradovich and Hanchett (Ground 3). Petitioner adds Morimoto for claims 2, 14, 19, and 23 (Grounds 4–6) and Bouve for claim 7 (Grounds 7–9).

1. Claim Construction

In *inter partes* review proceedings based on petitions filed on or after November 13, 2018, such as this one, we construe claims using the same claim construction standard that would be used in a civil action under

35 U.S.C. § 282(b), as articulated in *Phillips v. AWH Corp.*, 415 F.3d 1303 (Fed. Cir. 2005) (en banc), and its progeny. See 37 C.F.R. § 42.100(b).

Petitioner asserts that the challenged claims “do not require express construction, or alternatively, only require construction to the extent necessary to determine whether the prior art teaches the claims.” Pet. 9. Patent Owner does not address claim construction in the Preliminary Response.

We conclude that the determination of whether to institute does not require formal construction of any claim terms and therefore do not construe the claims at this time. See *Nidec Motor Corp. v. Zhongshan Broad Ocean Motor Co.*, 868 F.3d 1013, 1017 (Fed. Cir. 2017) (explaining that construction is needed only for terms that are in dispute, and only as necessary to resolve the controversy).

2. *Level of Skill in the Art*

The level of skill in the art is a factual determination that provides a primary guarantee of objectivity in an obviousness analysis. See *Al-Site Corp. v. VSI Int’l Inc.*, 174 F.3d 1308, 1323 (Fed. Cir. 1999) (citing *Graham v. John Deere Co.*, 383 U.S. 1, 17–18 (1966)). The level of skill in the art also informs the claim construction analysis. See *Teva Pharms. USA, Inc. v. Sandoz, Inc.*, 135 S. Ct. 831, 841 (2015) (explaining that claim construction seeks the meaning “a skilled artisan would ascribe” to the claim term “in the context of the specific patent claim”).

Petitioner asserts that a person of ordinary skill in the art at the time of the invention “would have had a Bachelor’s of Science in electrical engineering or a related subject and two or more years of experience working

with navigation and communication systems.” Pet. 9 (citing Ex. 1004 ¶¶ 23–24). Patent Owner does not dispute Petitioner’s description.

Because there is no dispute at this stage, and because we find Petitioner’s characterization of the level of skill in the art generally consistent with the disclosures of the ’983 patent and cited references, we adopt it for purposes of this analysis.

3. *Obradovich Alone*

Obradovich describes a “control and management system 100 for use in an automobile.” Ex. 1006, 3:60–62, Figs. 1, 2. The system interfaces with several subsystems 111, including navigation system 329, weather system 332, and traffic system 336. *See id.* at 6:41–42. The navigation system 329 uses GPS to identify the automobile’s location and provide navigation instructions, and the weather system 332 and traffic system 336 provide the user with weather and traffic information, obtained from online sources, for a travel route. *See id.* at 1:60–67, 4:17–26, 6:42–46, 6:50–65, 7:23–26, 8:13–21.

a. *Independent Claim 1*

The Petition reads claim 1 on Obradovich as follows:

i. “[a]n apparatus”

“Obradovich discloses, or at least suggests, [an apparatus] with its “control and management system 100 for use in an automobile.” Pet. 15 (quoting Ex. 1006, 3:54–4:16, citing Figs. 1, 2).

- ii. *“a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle”*

“Obradovich’s system 100 has automobile control subsystem 121 with navigation system 329,” the navigation system “receives signals from a constellation of satellites which is part of the global positioning system (GPS),” and, “[i]n response to these signals, system 329 pinpoints the automobile’s location in latitude and longitude.” Pet. 16 (citing Ex. 1001, 1:60–67, 6:41–7:11, 6:42–46).

- iii. *“a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination”*

“Obradovich discloses that the navigation system operates ‘through processor 103,’ . . . which is the processor of the control and management system 100.” Pet. 16 (citing Ex. 1001, 7:5–12, 3:63–4:6, Fig. 1).

- iv. *“wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway, or an expressway”*

“After the user enters the destination, the processor determines a travel route, via navigation system 329, ‘[u]sing stored map information . . . [to] provide[] on display 205 a suggested route leading to the destination.’” Pet. 21 (quoting Ex. 1006, 6:50–60, also citing *id.* at 6:60–65, 7:5–23).

- v. *“a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route”*

Obradovich’s interface has display 205 that “display[s] information regarding the travel route, such as suggested route 453 providing a visual rendering of the route and indicator 450 marking the current position of the vehicle.” Pet. 23 (citing Ex. 1006, 4:17–20, 4:26–29, 7:12–15, Fig. 2).

- vi. *“a receiver, wherein the receiver receives traffic information or information regarding a traffic condition”*

Using “a cellular or wireless connection,” Obradovich’s traffic system “obtain[s] computerized traffic information” and the weather system “deriv[es] weather conditions from computer files obtained from an online service.” Pet. 24 (quoting and citing Ex. 1006, 7:23–25, 7:33–40, 8:13–16, 8:22–30). We agree with Petitioner that one of skill in the art would have understood that the Obradovich apparatus necessarily included a “receiver” for obtaining the computerized traffic and weather information from the online services through a cellular or wireless connection. *See* Pet. 25 (citing Ex. 1004 ¶¶ 56–57).

- vii. *“wherein the apparatus provides the traffic information or the information regarding a traffic condition via the display device or via the speaker”*

Obradovich’s weather and traffic systems “jointly provide[] on display 205 updates regarding traffic congestion, weather conditions, hazards, highway warnings along the route suggested by system 329.” Pet. 27 (quoting Ex. 1006, 7:5–20, citing Figs. 6, 7).

viii. *Conclusion Regarding Claim 1*

We agree with the analysis above regarding Obradovich, which Patent Owner does not, at this stage, dispute. We thus conclude that Petitioner has shown a reasonable likelihood of proving claim 1 unpatentable in view of Obradovich.

b. *Independent Claim 15*

As noted above, claim 15 is almost identical to claim 1 but adds a camera. *See* Section I.B. It also broadens the types of information that may be received and provided to the user to include weather and news information.

To account for the camera, Petitioner argues that “[t]he term ‘apparatus,’ as used in the ’782 Patent, includes a collection of separate devices such as ‘apparatus 100’ of Figure 1, which comprises vehicle computer 10, remote central processing computer 20, and remote video cameras 30.” Pet. 28 (citing Ex. 1001, Fig. 1, 7:30–8:40). Petitioner argues that “[l]ike the ’782 Patent, Obradovich discloses that its video system 1107 is configured for “run[ning] video files on weather and traffic downloaded from an external information source such as the internet.” Pet. 29 (quoting Ex. 1006, 19:54–62). Petitioner contends that one of skill in the art “would understand that the video files of traffic would be from a location such as ‘a road [or] a highway’ and that “the video cameras could generate a series of images.” Pet. 29 (citing Ex. 1004 ¶¶ 64–67).

Because we agree with Petitioner’s analysis for the camera limitation, and because the narrower disclosure of information discussed in connection with claim 1 is sufficient to show the broader information recited in claim 15, we conclude that Petitioner has shown a reasonable likelihood of proving

claim 15 unpatentable in view of Obradovich. Patent Owner does not presently argue otherwise.

c. Independent Claim 21

Petitioner argues that claim 21 is “almost identical to claim 1 except it adds ‘a camera’ . . . , omits the ‘receiver’ and ‘wherein’ clause of claim 1, and adds elements regarding providing video from a selected location.” Pet. 43–44.

Petitioner accounts for the camera as in claim 15. As for the video, Petitioner argues that Lappenbusch has a road map with segments that a user can select to show “short video clips of [the] segment.” Pet. 44 (citing Ex. 1004 ¶¶ 103–105); *id.* 45 (citing Ex. 1009, Abstract, 5:61–6:8; 5:61–6:8).

On this record, we agree with Petitioner’s analysis, which Patent Owner does not presently contest, and thus conclude that Petitioner has shown a reasonable likelihood of proving claim 21 unpatentable in view of Obradovich.

d. Dependent Claims

We have reviewed the analysis Petitioner provides for claims 7, 8, 10–12, 16, and 17 (*see* Pet. 30–37), which Patent Owner does not dispute at this stage, and find it sufficient to establish a reasonable likelihood of success in proving those claims unpatentable in view of Obradovich.

4. Obradovich and Lappenbusch or Hanchett

Lappenbusch describes an “interactive traffic display and trip planner” and Petitioner cites it for its disclosure of “allowing the user to ‘select[] different road segments to show recent images of a currently selected road segment,’ thereby receiving video/image-type traffic information.” Pet. 37

(citing Ex. 1001, Abstract). Petitioner argues that “[t]o the extent Patent Owner argues [Obradovich] does not provide extensive detail on how the video is obtained by cameras and made accessible via the Internet, . . . a [person of skill in the art] would [have been] motivated to look to Lappenbusch for those details.” Pet. 38 (citing Ex. 1004 ¶¶ 87–90).

Hanchett describes a “traffic condition information system” in which “[a] series of image sensors is spaced along a roadway at particular intervals to provide images of the traffic” to mobile user units in vehicles traveling the roadway. Ex. 1007, Abstract. Petitioner argues that “[t]o the extent Patent Owner asserts the ‘receiver’ of claim 1 must be for a communications system other than the Internet, Hanchett discloses how to use a TV receiver to receive of video/image traffic information about a route.” Pet. 54.

a. Claims 1, 7–8, 10–12, and 15–17

Ground 2 (Obradovich and Lappenbusch) and Ground 3 (Obradovich and Hanchett) include claims 1, 7–8, 10–12, and 15–17, which are also included the Ground 1 (Obradovich alone). Because we have already found Obradovich alone sufficient for these claims, and because Patent Owner has not argued that Obradovich does not provide sufficient detail on how the video is obtained by cameras (necessitating resort to Lappenbusch), or that the “receiver” must be for a communications system other than the Internet (necessitating resort to Hanchett), we find that consideration of Petitioner’s arguments for claims 1, 7–8, 10–12, and 15–17 in Grounds 2 and 3 is presently unnecessary and would be premature.

b. Claims 3–5, 13, 18, 21, 22, and 25

Claims 3–5, 13, 18, 21, 22, and 25 are included in Grounds 2 and 3, but not Ground 1. We have reviewed the analysis Petitioner provides for these claims,⁶ which Patent Owner does not dispute at this stage, and find it sufficient to establish a reasonable likelihood of success in proving those claims unpatentable in view of Obradovich and either Lappenbusch or Hanchett.

5. Morimoto

According to Petitioner, “Morimoto describes a ‘navigation system for vehicles’ that not only provides directions for an initial route to the user’s selected destination but that also detects when the user has deviated from that route and provides updated directions for a new, second route to the destination.” Pet. 71 (citing Ex. 1008, Title, Figs. 13A–17).

Petitioner argues that it would have been obvious to add Morimoto to Obradovich, or Obradovich combined with Lappenbusch or Hanchett, for the benefits identified in Morimoto, providing a new route in the case of driver error (*see* Pet. 72; Ex. 1004 ¶¶ 154–56), and that the combined teachings would have rendered obvious the subject matter of claims 2, 14, 19, and 23, all of which concern detecting a departure from the travel route and identifying a second travel route. *See* Pet. 75–79. We find Petitioner’s arguments, which Patent Owner does not presently dispute, sufficient to establish a reasonable likelihood of success in proving those claims

⁶ *See* Pet. 48–49, 67–68 (claim 3); *id.* at 50–51, 68–69 (claim 4); *id.* at 51, 69–70 (claim 5); *id.* at 53, 70–71 (claims 13 and 18); *id.* at 43–48, 64–66 (claim 21); *id.* at 53, 70 (claim 22); *id.* at 54, 71 (claim 25).

unpatentable in view of Morimoto and Obradovich alone or Obradovich and either Lappenbusch or Hanchett.

6. *Bouve*

According to Petitioner, Bouve discloses a system in which “the user can obtain travel route information and ‘travel information, such as . . . road construction areas . . . associated with one or more of the plurality of travel routes,’ displaying the information via ‘a display . . . or voice synthesizer’ of an in-vehicle device connected via ‘cellular or satellite communications link’ to an external data source.” Pet. 80 (citing Ex. 1010, 2:5–21, 2:38–48, 3:43–53, 4:65–5:16, Fig. 3).

Petitioner argues that it would have been obvious to add Bouve to Obradovich, or Obradovich combined with Lappenbusch or Hanchett, “at least [in view of] the suggestions in Obradovich to provide information on hazards,” and that the combined teachings would have rendered obvious the subject matter of claim 7, which is directed to receipt and provision of road maintenance information. *See* Pet. 80–82; Ex. 1004 ¶ 168. We find Petitioner’s arguments, which Patent Owner does not presently dispute, sufficient to establish a reasonable likelihood of success in proving claim 7 unpatentable in view of Bouve and Obradovich alone or Obradovich and either Lappenbusch or Hanchett.

III. CONCLUSION

Because Petitioner demonstrates a reasonable likelihood of prevailing in showing the unpatentability of at least one claim of the '782 patent, we institute an *inter partes* review. We clarify, however, that we have not made a final determination with respect to the patentability of the challenged claims. *See TriVascular, Inc. v. Samuels*, 812 F.3d 1056, 1068 (Fed. Cir. 2016) (noting that “there is a significant difference between a petitioner’s burden to establish a ‘reasonable likelihood of success’ at institution, and actually proving invalidity by a preponderance of the evidence at trial”) (quoting 35 U.S.C. § 314(a) and comparing § 316(e)).

IV. ORDER

In consideration of the foregoing, it is hereby:

ORDERED that, pursuant to 35 U.S.C. § 314(a), an *inter partes* review is instituted as to claims 1–5, 7, 8, 10–19, 21–23, and 25 of the '782 patent, on the following grounds of unpatentability:

Claim(s) Challenged	35 U.S.C. §	Reference(s)/Basis
1, 7, 8, 10–12, 15–17	103(a)	Obradovich
1, 3–5, 7, 8, 10–13, 15–18, 21, 22, 25	103(a)	Obradovich, Lappenbusch
1, 3–5, 7, 8, 10–13, 15–18, 21, 22, 25	103(a)	Obradovich, Hanchett
2, 14, 19	103(a)	Obradovich, Morimoto
2, 14, 19, 23	103(a)	Obradovich, Lappenbusch, Morimoto
2, 14, 19, 23	103(a)	Obradovich, Hanchett and Morimoto
7	103(a)	Obradovich, Bouve
7	103(a)	Obradovich, Lappenbusch, Bouve
7	103(a)	Obradovich, Hanchett, Bouve

FURTHER ORDERED that, pursuant to 35 U.S.C. § 314(c) and 37 C.F.R. § 42.4, notice is given of the institution of a trial, which commences on the entry date of this Decision.

IPR2020-00983
Patent 9,885,782 B2

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

NAVBLAZER, LLC,
Patent Owner.

IPR2020-01253 (Patent 9,075,136 B1)¹
IPR2020-01254 (Patent 9,885,782 B2)

Before KEVIN F. TURNER, JOHN A. HUDALLA, and
AARON W. MOORE, *Administrative Patent Judges*.

TURNER, *Administrative Patent Judge*.

DECISION
Settlement Prior to Institution of Trial
37 C.F.R. § 42.74

On December 14, 2020, the parties filed a Joint Motion to Terminate Proceedings in each of the above cited proceedings, with joint requests to treat as confidential the Settlement Agreement in each (Papers 6 and 7, in each proceeding). The above filings were authorized pursuant to an email sent by the Board on December 11, 2020.

¹ The parties are not authorized to use this case caption, or to file consolidated papers.

IPR2020-01253, IPR2020-01254
Patents 9,075,136 B1; 9,885,782 B2

There are strong public policy reasons to favor settlement between the parties to a proceeding. *Office Patent Trial Practice Guide*, 84 Fed. Reg. 64,280 (Nov. 21, 2019). These matters are in the preliminary stage; decisions whether to institute trial have not been issued in these cases. In view of the early stage of these proceedings and the settlement between the parties, we determine that it is appropriate to dismiss the petitions and terminate the proceedings as to the parties without rendering a decision on institution or a final written decision.

The Settlement Agreement appears to be a true copy of the agreement between the parties, specifies the instant proceedings, and identifies other matters that are to be settled between the parties. IPR2020-01253, Ex. 1010; IPR2020-01254, Ex. 1009. It also appears to contain confidential business information regarding the terms of settlement. Thus, we determine the Settlement Agreement between the parties shall be treated as business confidential information under 37 C.F.R. § 42.74(c) and shall be kept separate from the files of the involved patents and associated proceeding.

This paper does not constitute a final written decision pursuant to 35 U.S.C. § 318(a).

Accordingly, it is

ORDERED that the Joint Motions to Terminate Proceeding are *granted*; and

FURTHER ORDERED that the Settlement Agreement (IPR2020-01253, Ex. 1010; IPR2020-01254, Ex. 1009) shall be treated as business confidential information, be designated “Board and Parties Only,” and be kept separate from the file of the involved patent under the provisions of 37 C.F.R. § 42.74(c).

IPR2020-01253, IPR2020-01254
Patents 9,075,136 B1; 9,885,782 B2

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