

AO 120 (Rev. 08/10)

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

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

DOCKET NO. 2:13CV957	DATE FILED 5/31/2013	U.S. DISTRICT COURT Nevada
PLAINTIFF Silver State Intellectual Technologies, Inc.		DEFENDANT Apple Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 SEE ATTACHED		
2 6,525,768		
3 6,529,824		
4 6,868,335		
5 7,522,992		

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

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 7,593,812		
2 7,650,234		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT See Attached

CLERK LANCE S. WILSON	(BY) DEPUTY CLERK M. JAIME	DATE 5/31/2013
--------------------------	-------------------------------	-------------------

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

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16
17 Attorneys for Plaintiff
SILVER STATE INTELLECTUAL TECHNOLOGIES, INC.

18
19
20 IN THE UNITED STATES DISTRICT COURT
21 FOR THE DISTRICT OF NEVADA

22
23 SILVER STATE INTELLECTUAL
TECHNOLOGIES, INC., a Nevada
corporation,

24 Plaintiff,

25 v.

26 APPLE INC., a California corporation,

27 Defendant.
28

) Case No.: 2:13-cv-00957

)
) **COMPLAINT FOR PATENT**
) **INFRINGEMENT**

) **DEMAND FOR JURY TRIAL**
)
)
)

1 **COMPLAINT FOR PATENT INFRINGEMENT**

2 Plaintiff SILVER STATE INTELLECTUAL TECHNOLOGIES, INC. by and
3 through its undersigned attorneys, hereby complains of Defendant APPLE INC., for
4 infringement of the United States Patents identified herein, and alleges as follows:

5 **JURISDICTION AND VENUE**

6 1. This is an action for patent infringement arising under the patent laws of the
7 United States, Title 35, United States Code, and more particularly 35 U.S.C. §§ 271 and 281.

8 2. This Court has jurisdiction over the subject matter of this action pursuant to 28
9 U.S.C. §§ 1331 and 1338(a).

10 3. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b) and (c),
11 and 1400(b).

12 **THE PARTIES**

13 4. Plaintiff SILVER STATE INTELLECTUAL TECHNOLOGIES, INC.
14 (hereinafter, "SILVER STATE") is a Nevada corporation with its principal place of business
15 at 9811 Charleston Blvd., #2-787, Las Vegas, Nevada 89117.

16 5. SILVER STATE is the owner by assignment of United States Patent No.
17 6,525,768, entitled POSITIONAL CAMERA AND GPS DATA INTERCHANGE DEVICE,
18 duly and lawfully issued on February 25, 2003 ("the '768 patent"), attached hereto as Exhibit A;
19 United States Patent No. 6,529,824, entitled PERSONAL COMMUNICATION SYSTEM
20 FOR COMMUNICATING VOICE DATA POSITIONING INFORMATION, duly and
21 lawfully issued on March 4, 2003 ("the '824 patent"), attached hereto as Exhibit B; United
22 States Patent No. 6,868,335, entitled PERSONAL COMMUNICATION SYSTEM FOR
23 COMMUNICATING VOICE DATA POSITIONING INFORMATION, duly and lawfully
24 issued on March 15, 2005 ("the '335 patent"), attached hereto as Exhibit C; United States Patent
25 No. 7,522,992, entitled TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER
26 PREFERENCES, duly and lawfully issued on April 21, 2009 ("the '992 patent"), attached
27 hereto as Exhibit D; United States Patent No. 7,593,812, entitled TECHNIQUE FOR
28 EFFECTIVE NAVIGATION BASED ON USER PREFERENCES, duly and lawfully issued

1 on September 22, 2009 (“the ’812 patent”), attached hereto as Exhibit E; and United States
2 Patent No. 7,650,234, entitled TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON
3 USER PREFERENCES, duly and lawfully issued on January 19, 2010 (“the ’234 patent”),
4 attached hereto as Exhibit F; among other patents and pending patent applications.

5 6. Upon information and belief, Defendant APPLE INC. (hereinafter, “APPLE”)
6 is a California corporation with its principal place of business at 1 Infinite Loop, Cupertino,
7 California 95014.

8 7. Upon information and belief, APPLE makes, uses, offers for sale and sells in
9 the United States, and imports into the United States certain mobile digital devices, including
10 the APPLE iPhone, iPad, and iPod touch, and associated systems, that SILVER STATE
11 alleges infringe the ’768 patent, the ’824 patent, the ’335 patent, the ’992 patent, the ’812
12 patent, and the ’234 patent as alleged further herein.

13 8. Upon information and belief, APPLE does business in this judicial district and
14 has committed acts of infringement in this judicial district.

15 **FIRST CLAIM FOR RELIEF**

16 **INFRINGEMENT OF U.S. PATENT NO. 6,525,768**

17 9. SILVER STATE realleges and incorporates herein by reference the allegations
18 stated in paragraphs 1–8 of this Complaint.

19 10. Upon information and belief, in violation of 35 U.S.C. § 271(a), APPLE has
20 directly infringed and is continuing to directly infringe one or more claims of the ’768 patent
21 by making, using, offering for sale and selling in the United States, and by importing into the
22 United States, without authority, certain mobile digital devices, including, without limitation,
23 infringement of Claim 2 of the ’768 patent by one or more versions of the APPLE iPhone and
24 iPad.

25 11. As a direct and proximate result of APPLE’s infringement of the ’768 patent,
26 SILVER STATE has been and continues to be damaged in an amount to be determined at
27 trial.

28 ///

1 **SECOND CLAIM FOR RELIEF**

2 **INFRINGEMENT OF U.S. PATENT NO. 6,529,824**

3 12. SILVER STATE realleges and incorporates herein by reference the allegations
4 stated in paragraphs 1–8 of this Complaint.

5 13. Upon information and belief, in violation of 35 U.S.C. § 271(a), APPLE has
6 directly infringed and is continuing to directly infringe one or more claims of the '824 patent,
7 including, without limitation, by practicing the method of Claim 8 of the '824 patent in
8 connection with APPLE's mobile digital devices, such as the APPLE iPhone, iPad and iPod
9 touch.

10 14. As a direct and proximate result of APPLE's infringement of the '824 patent,
11 SILVER STATE has been and continues to be damaged in an amount to be determined at
12 trial.

13 **THIRD CLAIM FOR RELIEF**

14 **INFRINGEMENT OF U.S. PATENT NO. 6,868,335**

15 15. SILVER STATE realleges and incorporates herein by reference the allegations
16 stated in paragraphs 1–8 of this Complaint.

17 16. Upon information and belief, in violation of 35 U.S.C. § 271(b), APPLE, upon
18 notice of this complaint, is inducing infringement, and shall continue to induce infringement
19 of one or more claims of the '335 patent including, without limitation, infringement of
20 Claim 1 of the '335 patent by inducing others, including entities such as end users of one or
21 more versions of the APPLE iPhone, iPad, and iPod touch, to perform one or more of the
22 claimed methods of the '335 patent, including at least Claim 1.

23 17. Upon information and belief, APPLE designs and manufactures the APPLE
24 iPhone, iPad, and iPod touch, and has taken active steps to encourage use of the iPhone, iPad,
25 and iPod touch by others, including, for example, providing customers with one or more
26 versions of iPhones, iPads, and iPod touches that practice, at least, Claim 1 of the '335 Patent,
27 and providing options or instructions to its customers to use these products in a manner that
28 infringes, at least, Claim 1 of the '335 patent.

1 18. As a direct and proximate result of APPLE's infringement of the '335 patent,
2 SILVER STATE shall continue to be damaged in an amount to be determined at trial.

3 **FOURTH CLAIM FOR RELIEF**

4 **INFRINGEMENT OF U.S. PATENT NO. 7,522,992**

5 19. SILVER STATE realleges and incorporates herein by reference the allegations
6 stated in paragraphs 1-8 of this Complaint.

7 20. Upon information and belief, in violation of 35 U.S.C. § 271(a), APPLE has
8 directly infringed and is continuing to directly infringe one or more claims of the '992 patent
9 by making, using, offering for sale and selling in the United States, and by importing into the
10 United States, without authority, certain mobile digital devices, including, without limitation,
11 infringement of Claim 23 of the '992 patent by one or more versions of the APPLE iPhone,
12 iPad, and iPod touch.

13 21. As a direct and proximate result of APPLE's infringement of the '992 patent,
14 SILVER STATE has been and continues to be damaged in an amount to be determined at
15 trial.

16 **FIFTH CLAIM FOR RELIEF**

17 **INFRINGEMENT OF U.S. PATENT NO. 7,593,812**

18 22. SILVER STATE realleges and incorporates herein by reference the allegations
19 stated in paragraphs 1-8 of this Complaint.

20 23. Upon information and belief, in violation of 35 U.S.C. § 271(a), APPLE has
21 directly infringed and is continuing to directly infringe one or more claims of the '812 patent
22 by making, using, offering for sale and selling in the United States, and by importing into the
23 United States, without authority, certain mobile digital devices and associated systems,
24 including, without limitation, infringement of Claim 10 of the '812 patent by one or more
25 versions of the APPLE iPhone.

26 24. As a direct and proximate result of APPLE's infringement of the '812 patent,
27 SILVER STATE has been and continues to be damaged in an amount to be determined at
28 trial.

1 **SIXTH CLAIM FOR RELIEF**

2 **INFRINGEMENT OF U.S. PATENT NO. 7,650,234**

3 25. SILVER STATE realleges and incorporates herein by reference the allegations
4 stated in paragraphs 1-8 of this Complaint.

5 26. Upon information and belief, in violation of 35 U.S.C. § 271(a), APPLE has
6 directly infringed and is continuing to directly infringe one or more claims of the '234 patent
7 by making, using, offering for sale and selling in the United States, and by importing into the
8 United States, without authority, certain mobile digital devices and associated systems,
9 including, without limitation, infringement of Claim 17 of the '234 patent by one or more
10 versions of the APPLE iPhone, iPad, and iPod touch.

11 27. As a direct and proximate result of APPLE's infringement of the '234 patent,
12 SILVER STATE has been and continues to be damaged in an amount to be determined at
13 trial.

14 **PRAYER FOR RELIEF**

15 WHEREFORE, Plaintiff SILVER STATE prays for judgment in its favor against
16 APPLE for the following relief:

17 A. For an Order adjudging APPLE to have infringed the '768 patent under
18 35 U.S.C. § 271;

19 B. For an Order adjudging APPLE to have infringed the '824 patent under
20 35 U.S.C. § 271;

21 C. For an Order adjudging APPLE to have infringed the '335 patent under
22 35 U.S.C. § 271;

23 D. For an Order adjudging APPLE to have infringed the '992 patent under
24 35 U.S.C. § 271;

25 E. For an Order adjudging APPLE to have infringed the '812 patent under
26 35 U.S.C. § 271;

27 F. For an Order adjudging APPLE to have infringed the '234 patent under
28 35 U.S.C. § 271;

1 G. That the Court award SILVER STATE recovery of damages to compensate it for
2 APPLE's infringement of SILVER STATE's patents as alleged herein, pursuant to 35 U.S.C.
3 § 284;

4 H. That the Court order APPLE to pay supplemental damages to SILVER STATE,
5 including, without limitation, pre-judgment and post-judgment interest, and costs of suit herein
6 pursuant to 35 U.S.C. § 284; and

7 I. That SILVER STATE have such other and further relief as this Court may deem
8 just and proper.

9
10 Respectfully submitted,

11 WEIDE & MILLER, LTD.

12 

13 Dated: May 30, 2013

14 By: _____
R. Scott Weide, Esq.
Kendele L. Works, Esq.

15 and

16 KNOBBE, MARTENS, OLSON & BEAR, LLP

17 Brenton R. Babcock, Esq. (pending *pro hac vice*)
18 Frederick S. Berretta, Esq. (pending *pro hac vice*)
Marko R. Zoretic, Esq. (pending *pro hac vice*)

19 Attorneys for Plaintiff
20 SILVER STATE INTELLECTUAL
21 TECHNOLOGIES, INC.

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DEMAND FOR TRIAL BY JURY

Plaintiff SILVER STATE hereby demands a trial by jury on all issues so triable.

Respectfully submitted,

WEIDE & MILLER, LTD.



By: _____
R. Scott Weide, Esq.
Kendele L. Works, Esq.

Dated: May 30, 2013

and

KNOBBE, MARTENS, OLSON & BEAR, LLP

Brenton R. Babcock, Esq. (pending *pro hac vice*)
Frederick S. Berretta, Esq. (pending *pro hac vice*)
Marko R. Zoretic, Esq. (pending *pro hac vice*)

Attorneys for Plaintiff
SILVER STATE INTELLECTUAL
TECHNOLOGIES, INC.

SSITL.003L
15392785

Patent No.: 7,650,234
Docket No.: 1334-016.206

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Obradovich et al.
Title: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
Application No.: 11/971,193 Filing Date: January 8, 2008
Patent No.: 7,650,234 Issued: January 19, 2010
Attorney Docket No.: 1334-016.206

LOSS OF SMALL ENTITY STATUS

Commissioner:

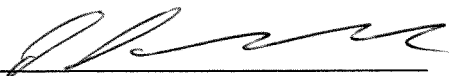
Patentee hereby notifies the Patent and Trademark Office that it is no longer entitled to claim small entity status for the above-referenced patent.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 11-1159 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

Klein, O'Neill & Singh, LLP

Dated: March 27, 2013

By: 
Daniel M. Cavanagh (Reg. No.: 41,661)
Klein, O'Neill & Singh, LLP
18200 Von Karman Avenue, Suite 725
Irvine, CA 92612
Tel: (949) 955-1920
Fax: (949) 955-1921

Electronic Acknowledgement Receipt

EFS ID:	15370217
Application Number:	11971193
International Application Number:	
Confirmation Number:	4410
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Customer Number:	22145
Filer:	Daniel M. Cavanagh/Hillary Geiger
Filer Authorized By:	Daniel M. Cavanagh
Attorney Docket Number:	1334-016.206
Receipt Date:	27-MAR-2013
Filing Date:	08-JAN-2008
Time Stamp:	16:59:52
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		1334-016-206-- LossSmallEntityStatusAsFiled03 272013.pdf	176015 b7f64f58d43a64d1e1e12f4062889b1d587c 6ffa	yes	3

Multipart Description/PDF files in .zip description			
Document Description		Start	End
Transmittal Letter		1	2
Miscellaneous Incoming Letter		3	3

Warnings:

Information:

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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.

Transmittal Letter to Commissioner (Patent Issued)

Docket Number

1334-016.206

Address To
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Title of Invention

TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

First Named Inventor **Michael L. Obradovich**

Application No. **11/971,193**

Filing Date **January 8, 2008**

Patent No. **7,650,234**

Examiner **Yonel Beaulieu**

Art Unit **3661**

Transmitted herewith is:

Loss of Small Entity Status Letter (1 Page)

in the above identified application.

- No additional fee is required.
- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 11-1159 as described below.
 - Charge the amount of _____
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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.

Transmittal Letter to Commissioner (Patent Issued)

Docket Number

1334-016.206

Correspondence Address

Customer Number	22145		
-OR-			
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Address			
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Country	Postal Code		
Phone Number			
E-mail Address			

Certificate of Mailing by Express Mail

I hereby certify that this Transmittal Letter, accompanying documents and fee (if appropriate) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below:

_____ (Date of Mailing)

_____ (Typed or Printed Name of Person Mailing Correspondence)

_____ (Signature of Person Mailing Correspondence)

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Certificate of Transmission

I hereby certify that this Transmittal Letter, accompanying documents and fee authorization (if appropriate) is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated below:

_____ (Date of Transmission)

_____ (Name of Person Transmitting Correspondence)

_____ (Signature of Person Transmitting Correspondence)

Signature Instructions

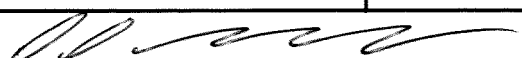
Select the name of the person who will electronically sign the Transmittal Letter from the drop-down box below.

If a practitioner is not present in the drop-down list, you must close this form and select 'Add Practitioner...' in the Form Manager's Utility menu.

Verify that the signatory information is correct and press the 'eSign' button to electronically sign the submission. If you prefer to sign the form manually, simply do not click the 'eSign' button; just print and manually sign.

Signatory Drop-Down Box

Daniel M. Cavanagh

Name	Daniel M. Cavanagh		Registration Number	41,661	
Signatory Capacity	Attorney for Applicant(s)	E-mail Address			
<input type="button" value="eSign"/>			Date Signed	Mar. 27, 2013	

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Alexandria, VA. 22313-1450
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Penalty For Private Use, \$300

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BC: 9110970699 DU *0217-10154-19-39

IFW



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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/971,193	01/08/2008	Michael L. Obradovich	60399/C685

CONFIRMATION NO. 4410

56317
CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA 91109-7066

RECEIVED

POWER OF ATTORNEY NOTICE



OCT 20 2011

Date Mailed: 10/18/2011

**Sterne Kessler Goldstein &
Fox, P.L.L.C.**

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 10/07/2011.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/agizaw/

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



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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/971,193	01/08/2008	Michael L. Obradovich	1155-31-CONCON3-DC

CONFIRMATION NO. 4410

POA ACCEPTANCE LETTER



22145
KLEIN, O'NEILL & SINGH, LLP
18200 VON KARMAN AVENUE
SUITE 725
IRVINE, CA 92612

Date Mailed: 10/18/2011

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 10/07/2011.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/agizaw/

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



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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/971,193	01/08/2008	Michael L. Obradovich	60399/C685

CONFIRMATION NO. 4410

POWER OF ATTORNEY NOTICE

56317
CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA 91109-7066



Date Mailed: 10/18/2011

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This is in response to the Power of Attorney filed 10/07/2011.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/agizaw/

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

**Substitution/Power of Attorney by Assignee
And Change of Correspondence Address
(including Statement Under 37 CFR 3.73(b))**

Silver State Intellectual Technologies, Inc., the assignee of the entire interest in and to the below listed United States patents and patent applications hereby revokes all previous powers of attorneys and appoints the practitioners associated with

CUSTOMER NUMBER 22145

To prosecute the below listed patent applications and any subsequent or prior applications based on the disclosure of these applications, and any reexaminations or reissues of any patents issuing from such applications or of any of the below listed patents, and to transact all business before or with the United States Patent and Trademark Office in connection with these patent applications and any subsequent or prior applications, patents and reexaminations or reissues.

Please direct all correspondence to CUSTOMER NUMBER 22145. Direct all phone calls to Daniel M. Cavanagh at 949-955-1920, Klein, O'Neill & Singh, LLP, 18200 Von Karman Ave., Suite 725, Irvine, CA 92612.

Patent No.	Issue Date	Assignment Recording Date	Reel/Frame	
6,133,853	10/17/2000	07/30/1998	009358/0648	(Inventors to Calcar Advertising, Inc.)
		06/29/2000	010945/0028	(Calcar Advertising, Inc. to Calcar, Inc.)
		07/28/2000	011009/0814	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		12/22/2008	022012/0585	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)

Patent No.	Issue Date	Assignment Recording Date	Reel/Frame	
6,148,261	11/14/2000	06/20/1997	008614/0930	(Inventors to Calcar Advertising, Inc.)
		04/25/2000	010784/0959	(Calcar Advertising, Inc. to Calcar, Inc.)
		07/28/2000	011011/0702	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		06/24/2011	026491/0982	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,515,595	02/04/2003	12/22/2008	022012/0577	(Inventors to Calcar Advertising, Inc.)
		12/22/2008	022012/0582	(Calcar Advertising, Inc. to Calcar, Inc.)
		12/22/2008	022012/0392	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		12/22/2008	022012/0605	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,525,768	02/25/2003	12/29/2000	011199/0903	(Inventor to American Calcar, Inc., a Delaware Corporation)
		06/24/2011	026491/0982	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,529,824	03/04/2003	09/14/2011	026904/0770	(Inventors to Calcar Advertising, Inc.)
		09/14/2011	026904/0921	(Calcar Advertising, Inc. to Calcar, Inc.)
		09/14/2011	026904/0737	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)

Patent No.	Issue Date	Assignment Recording Date	Reel/Frame	
6,542,812	04/01/2003	04/20/2001	011813/0945	(Inventors to American Calcar, Inc., a Delaware Corporation)
		12/01/2009	023574/0941	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,829,532	12/07/2004	09/14/2011	026904/0685	(Inventors to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,868,335	03/15/2005	09/14/2011	026904/0770	(Inventors to Calcar Advertising, Inc.)
		09/14/2011	026904/0921	(Calcar Advertising, Inc. to Calcar, Inc.)
		09/14/2011	026904/0737	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,924,748	08/02/2005	12/22/2008	022012/0577	(Inventors to Calcar Advertising, Inc.)
		12/22/2008	022012/0582	(Calcar Advertising, Inc. to Calcar, Inc.)
		12/22/2008	022012/0392	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		12/22/2008	022012/0605	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
6,993,429	01/31/2006	09/14/2011	026904/0685	(Inventors to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)

Patent No.	Issue Date	Assignment Recording Date	Reel/Frame	
7,236,100	06/26/2007	12/22/2008	022012/0577	(Inventors to Calcar Advertising, Inc.)
		12/22/2008	022012/0582	(Calcar Advertising, Inc. to Calcar, Inc.)
		12/22/2008	022012/0392	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		12/22/2008	022012/0605	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,343,165	03/11/2008	01/16/2003	013365/0854	(Inventor to American Calcar, Inc., a Delaware Corporation)
		06/24/2011	026491/0982	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,475,057	01/06/2009	03/09/2001	011611/0075	(Inventor to American Calcar, Inc., a Delaware Corporation)
		06/24/2011	026491/0982	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,522,992	04/21/2009	09/14/2011	026904/0685	(Inventors to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,561,065	07/14/2009	12/23/2008	022025/0449	(Inventors to Calcar Advertising, Inc.)
		12/23/2008	022025/0566	(Calcar Advertising, Inc. to Calcar, Inc.)
		12/23/2008	022021/0989	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		12/23/2008	022025/0596	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)

Patent No.	Issue Date	Assignment Recording Date	Reel/Frame	
7,593,812	09/22/2009	09/14/2011	026904/0685	(Inventors to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,650,234	01/19/2010	09/14/2011	026904/0685	(Inventors to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,702,455	04/20/2010	09/14/2011	026904/0770	(Inventors to Calcar Advertising, Inc.)
		09/14/2011	026904/0921	(Calcar Advertising, Inc. to Calcar, Inc.)
		09/14/2011	026904/0737	(Calcar, Inc. to American Calcar, Inc., a Delaware Corporation)
		09/14/2011	026904/0658	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,739,039	06/15/2010	01/29/2010	023871/0898	(Inventor to American Calcar, Inc., a Delaware Corporation)
		01/28/2010	023867/0638	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)
7,748,021	06/29/2010	05/19/2010	024407/0266	(Inventor to American Calcar, Inc., a Delaware Corporation)
		05/19/2010	024407/0277	(American Calcar, Inc., a Delaware Corporation to American Calcar, Inc., a Nevada Corporation)
		09/14/2011	026904/0642	(American Calcar, Inc., a Nevada Corporation to Silver State Intellectual Technologies, Inc.)

Substitution of Attorney
Silver State Intellectual Technologies, Inc.
Page 6 of 6

The undersigned is authorized to act on behalf of the assignee with respect to the above listed patents and patent applications

Silver State Intellectual Technologies, Inc., a Nevada Corporation

By: Michael L. Obradovich

September 23, 2011

Name: Michael L. Obradovich

Date

Title: President

Electronic Acknowledgement Receipt

EFS ID:	11145384
Application Number:	11971193
International Application Number:	
Confirmation Number:	4410
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Customer Number:	56317
Filer:	Daniel M. Cavanagh/Hillary Geiger
Filer Authorized By:	Daniel M. Cavanagh
Attorney Docket Number:	60399/C685
Receipt Date:	07-OCT-2011
Filing Date:	08-JAN-2008
Time Stamp:	17:05:52
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		1155-31-CONCON3-DC-- POAAsFiled10072011.pdf	545146 ae0aac471ec833ff5d01b968bbb7047365f5e320	yes	8

Multipart Description/PDF files in .zip description			
Document Description		Start	End
Miscellaneous Incoming Letter		1	2
Power of Attorney		3	8

Warnings:

Information:

Total Files Size (in bytes):	545146
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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.

Transmittal Letter to Commissioner (Patent Issued)

Docket Number

1155-31-CONCON3-DC

Address To
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Title of Invention

TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

First Named Inventor Michael L. Obradovich

Application No. 11/971,193

Filing Date January 8, 2008

Patent No. 7,650,234

Examiner Yonel Beaulieu

Art Unit 3661

Transmitted herewith is:

Substitution/Power of Attorney by Assignee (Including Statement Under 37 CFR 3.73(b)) (6 Pages)

in the above identified application.

- No additional fee is required.
- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 11-1159 as described below.
 - Charge the amount of _____
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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.

Transmittal Letter to Commissioner (Patent Issued)

Docket Number

1155-31-CONCON3-DC

Correspondence Address

Customer Number 22145

-OR-

Name

Address

City

State

Country

Postal Code

Phone Number

E-mail Address

Certificate of Mailing by Express Mail

I hereby certify that this Transmittal Letter, accompanying documents and fee (if appropriate) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below:

(Date of Mailing)

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

("Express Mail" Mailing Label Number)

Certificate of Mailing by First Class Mail

I hereby certify that this Transmittal Letter, accompanying documents and fee (if appropriate) are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below:

(Date of Mailing)

(Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

Certificate of Transmission

I hereby certify that this Transmittal Letter, accompanying documents and fee authorization (if appropriate) is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated below:

(Date of Transmission)

(Name of Person Transmitting Correspondence)

(Signature of Person Transmitting Correspondence)

Signature Instructions

Select the name of the person who will electronically sign the Transmittal Letter from the drop-down box below.

If a practitioner is not present in the drop-down list, you must close this form and select 'Add Practitioner...' in the Form Manager's Utility menu.

Verify that the signatory information is correct and press the 'eSign' button to electronically sign the submission. If you prefer to sign the form manually, simply do not click the 'eSign' button; just print and manually sign.

Signatory Drop-Down Box

Daniel M. Cavanagh

Name

Daniel M. Cavanagh

Registration Number

41,661

Signatory Capacity

Attorney for Applicant(s)

E-mail Address

eSign

Date Signed

Oct. 7, 2011



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/971,193	01/19/2010	7650234	60399/C685	4410

56317 7590 12/30/2009
 CHRISTIE PARKER & HALE, LLP
 P.O. BOX 7068
 PASADENA, CA 91109-7066

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 2 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):

Michael L. Obradovich, San Clemente, CA;
 John D. Pirtle, Silverado, CA;
 Steven W. Schebesch, Aliso Viejo, CA;

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)

**KLEIN, O'NEILL & SINGH, LLP
43 CORPORATE PARK, SUITE 204
IRVINE, CA 92606**

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.
11/971,193	01/08/2008	Michael L. Obradovich	1155-31-CONCON3-DC	4410

TITLE OF INVENTION: **TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$1055	12/10/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
BEAULIEU, YONEL	3661	701-207000

<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 Klein, O'Neill & Singh, LLP</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>
---	--

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 American Calcar Inc.	(B) RESIDENCE: (CITY and STATE OR COUNTRY) Las Vegas, Nevada
---	--

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are enclosed:</p> <p><input checked="" type="checkbox"/> Issue Fee</p> <p><input checked="" 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):</p> <p><input type="checkbox"/> A check in the amount of the fee(s) is enclosed.</p> <p><input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 11-1159</p>
--	--

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

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature	Date December 3, 2009
Typed or printed name Daniel M. Cavanagh	Registration No. 41,661

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, 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.

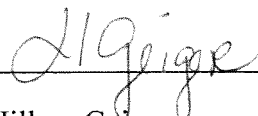
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Obradovich et al.
Title: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER
PREFERENCES
Serial No.: 11/971,193 Filed: January 8, 2008
Examiner: Beaulieu, Yonel Group Art Unit: 3661
Attorney Docket No.: 1155-31-CONCON3-DC

**CERTIFICATE OF EFS-WEB TRANSMISSION
UNDER 37 CFR § 1.8**

I hereby certify that the enclosed Issue Fee Transmittal (1 Page); and Payment by Credit Card are being transmitted to the United States Patent and Trademark Office via EFS-Web on December 3, 2009.

Date: December 3, 2009



Hillary Geiger

Mailing Address:

KLEIN, O'NEILL & SINGH, LLP (Customer No.: 81255)
43 Corporate Park, Suite 204
Irvine, California 92606
Tel: 949-955-1920
Fax: 949-955-1921

Electronic Patent Application Fee Transmittal

Application Number:	11971193
Filing Date:	08-Jan-2008
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Filer:	Daniel M. Cavanagh/Hillary Geiger
Attorney Docket Number:	60399/C685

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Publ. Fee- early, voluntary, or normal	1504	1	300	300
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	755	755

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1055

Electronic Acknowledgement Receipt

EFS ID:	6570320
Application Number:	11971193
International Application Number:	
Confirmation Number:	4410
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Customer Number:	56317
Filer:	Daniel M. Cavanagh/Hillary Geiger
Filer Authorized By:	Daniel M. Cavanagh
Attorney Docket Number:	60399/C685
Receipt Date:	03-DEC-2009
Filing Date:	08-JAN-2008
Time Stamp:	19:03:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1055
RAM confirmation Number	5160
Deposit Account	111159
Authorized User	CAVANAGH,DANIEL M.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent applications and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1155-31-CONCON3-DC-- IssueFeeAsFiled12032009.pdf	180379 eb71f742e109d0cfac4761fb8aa170e958fb697d	yes	2
Multipart Description/PDF files in .zip description					
	Document Description		Start	End	
	Issue Fee Payment (PTO-85B)		1	1	
	Miscellaneous Incoming Letter		2	2	
Warnings:					
Information:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	32200 b13416ee9e75c351e8022341b8fb0e6976c0fabf	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			212579		
<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>					



NOTICE OF ALLOWANCE AND FEE(S) DUE

56317 7590 09/10/2009

CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA 91109-7066

EXAMINER: BEAULIEU, YONEL
ART UNIT: 3661
PAPER NUMBER: 4410

DATE MAILED: 09/10/2009

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

11/971,193 01/08/2008 Michael L. Obradovich 60399/C685 4410

TITLE OF INVENTION: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$755 \$300 \$0 \$1055 12/10/2009

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 SMALL ENTITY status shown above.

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

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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)

56317 7590 09/10/2009

CHRISTIE PARKER & HALE, LLP
 P.O. BOX 7068
 PASADENA, CA 91109-7066

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.
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11/971,193 01/08/2008 Michael L. Obradovich 60399/C685 4410

TITLE OF INVENTION: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$755 \$300 \$0 \$1055 12/10/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
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BEAULIEU, YONEL 3661 701-207000

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

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

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 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:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue 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 credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

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

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, 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.



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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 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Rows: 11/971,193 01/08/2008 Michael L. Obradovich 60399/C685 4410
56317 7590 09/10/2009
CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA 91109-7066
EXAMINER: BEAULIEU, YONEL
ART UNIT: 3661 PAPER NUMBER:
DATE MAILED: 09/10/2009

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

The Patent Term Adjustment to date is 2 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 2 day(s).

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 Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

11/971,193

Examiner

/Yonel Beaulieu/

Applicant(s)

OBRADOVICH ET AL.

Art Unit

3661

-- 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 claims presented on 1/8/08.
- 2. The allowed claim(s) is/are 54-83.
- 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

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.**

- 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) 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. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413), Paper No./Mail Date _____.
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Yonel Beaulieu/
Yonel Beaulieu

Allowable Subject Matter

Claims 54 – 83 are allowed. The prior art of record fail to fairly disclose a method for navigation using a navigation device which includes a location-sensing element therein, comprising, among other limitations, forming a database storing traffic information for extraction thereof with respect to areas, searching the database for traffic information specific to a coverage area including the location of the navigation device, receiving a request for planning a route from an origination to a destination, determining that the coverage area is different from one or more areas in navigation coverage defined at least by the origination and the destination, searching the database for selected traffic information specific to the one or more areas, and planning a route to the destination, taking into consideration at least traffic conditions derived from the selected traffic information.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to /Yonel Beaulieu/ whose telephone number is (571) 272-6955. The examiner can normally be reached on Mon., Wed. & Thur. between 0900 and 1600.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas BLACK can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3661

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.

/Yonel Beaulieu/
Yonel Beaulieu
Primary Examiner
Art Unit 3661

Index of Claims



Application/Control No.

11/971,193

Examiner

/Yonel Beaulieu/

Applicant(s)/Patent under Reexamination

OBRADOVICH ET AL.

Art Unit

3661

√	Rejected
=	Allowed

—	(Through numeral) Cancelled
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N	Non-Elected
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Claim		Date			
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Issue Classification 	Application/Control No. 11/971,193	Applicant(s)/Patent under Reexamination OBRADOVICH ET AL.	
	Examiner /Yonel Beaulieu/	Art Unit 3661	

ISSUE CLASSIFICATION										
ORIGINAL				CROSS REFERENCE(S)						
CLASS	SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
701	207			701	25					
INTERNATIONAL CLASSIFICATION										
G	0	1	C	21/34						
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XXXXXXXXXXXX (Assistant Examiner) (Date)	/Yonel Beaulieu/ Yonel Beaulieu 9/5/09 (Primary Examiner) (Date)	Total Claims Allowed: 30 <table style="width: 100%;"> <tr> <td style="text-align: center;">O.G. Print Claim(s)</td> <td style="text-align: center;">O.G. Print Fig.</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> </table>	O.G. Print Claim(s)	O.G. Print Fig.	1	1
O.G. Print Claim(s)	O.G. Print Fig.					
1	1					
(Legal Instruments Examiner) (Date)						

<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
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Search Notes



Application/Control No.

11/971,193

Examiner

/Yonel Beaulieu/

Applicant(s)/Patent under Reexamination

OBRADOVICH ET AL.

Art Unit

3661

SEARCHED			
Class	Subclass	Date	Examiner
701	200-202	9/5/2009	YB
	207-209		
	25		

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
WEST+Int.+Fwb/Bwd	9/5/2009	YB

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner
Searched		9/5/2009	YB


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BIB DATA SHEET
CONFIRMATION NO. 4410

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
11/971,193	01/08/2008	701	3661	60399/C685		
APPLICANTS						
Michael L. Obradovich, San Clemente, CA; John D. Pirtle, Silverado, CA; Steven W. Schebesch, Aliso Viejo, CA;						
** CONTINUING DATA *****						
This application is a CON of 11/146,599 06/07/2005 PAT 7,522,992 which is a CON of 10/957,042 10/01/2004 PAT 6,993,429 which is a CON of 10/382,687 03/06/2003 PAT 6,829,532 which is a CON of 09/830,064 04/20/2001 PAT 6,542,812 which is a 371 of PCT/US00/27270 10/04/2000 which claims benefit of 60/160,326 10/19/1999						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/13/2008						
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		CA	8	30	4
Verified and Acknowledged	/YONEL BEAULIEU/ Examiner's Signature	Initials				
ADDRESS						
CHRISTIE PARKER & HALE, LLP P.O. BOX 7068 PASADENA, CA 91109-7066 UNITED STATES						
TITLE						
TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES						
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		
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 US Patents Full-Text Database
 Unpublished Applications Full-Text Database

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Search:

L16

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Search History

DATE: Saturday, September 05, 2009 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>	<u>Set Name</u>
Side by Side			Result Set	Grid

Interference Searches

DB=PGPB,USPT,UPAD; PLUR=YES; OP=OR

L16	L15 and 114	1	L16	L16
L15	coverage adj area	32153	L15	L15
L14	L13 and 112	9	L14	L14
L13	traffic adj condition	10566	L13	L13

<u>L12</u>	L11 and 110	28	<u>L12</u>	<u>L12</u>
<u>L11</u>	plan\$ adj route	2344	<u>L11</u>	<u>L11</u>
<u>L10</u>	L9 and 18	250	<u>L10</u>	<u>L10</u>
<u>L9</u>	location and destination	179833	<u>L9</u>	<u>L9</u>
<u>L8</u>	13 or 15	559	<u>L8</u>	<u>L8</u>

DB=USPT; PLUR=YES; OP=OR

<u>L7</u>	(L5 L6)! [PN]	0	<u>L7</u>	<u>L7</u>
	(5673039 6199013 5809144 5787382 5638274 5864305 5335276 5638279 5539645 5127674 6219614 5698955 5794174 5745070 4311876 6266614 5124915 5812668 5790974 5677837 5699255 5963956 5504482 5848131 5440479 5717748 5717749 5479351 5519403 5675732 6169955 6219557 5781150 5229947 5420592 5743553 5917405 5682525 5267042 5600796 5721705 6148261 6215857 5424951 5719936 6134501 5946626 6166626 5701245 5115398 5862223 5714927 5652379 5636269 5450329 4992940 6075874 5809247 4992947 5700951)! [PN]			
<u>L6</u>		60	<u>L6</u>	<u>L6</u>
	(5999877 5663880 5559707 5802492 5528248 5694912 5265024 4504913 6021406 5555286 6124825 6119066 5638523 5640156 5177685 5689809 5908464 5712830 6085148 5875412 5701400 6212392 5579535 5680444 6178374 5189632 5815683 5289572 5517193 6212470 5604676 6212472 6035253 6212473 6163749 5612699 5697338 5627547 5627549 5663548 4350970 5225843 4527155 6128624 6107939 5647002 6212550 6163753 5786789 5642285 5729594 5727053 5295064 5742509 5734344 5689252 5555386 6028550 4521857 5625884 6107944 5748252 4757267 6131066			

6131067 | 5504684 | 5694514 | 5707317 |
5497339 | 5745855 | 5699960 | 5479482 |
5938721 | 5119504 | 5533107 | 5702165 |
5604407 | 5630068 | 5539429 | 5796634 |
5214793 | 5641209 | 5627567 | 6021371 |
5808566 | 5999124 | 5164904 | 5724161 |
5648763 | 5664948 | 5648768 | 5648769 |
6219694 | 6147598 | 5760742 | 5684699 |
5235633 | 5929774 | 5774070 | 5767795 |
5182555 | 5680122 | 5724316 | 5680050 |
5961569 | 6215993 | 5655992 | 6202023 |
5720037 | 4532514 | 5708712 | 5663720 |
5717392 | 5657163 | 6339744 | 6324468 |
5588048 | 6332127 | 5679092 | 6185427 |
5117359 | 6515595 | 5699056 | 5506897 |
5819227 | 5991739 | 4543522 | 6133853 |
6144920 | 6087965 | 6208934 | 5523950 |
6127945 | 6185503 | 5848373 | 5043736 |
6047327 | 5819092 | 5432841 | 6092076 |
5670963 | 5731997 | 5919246 | 6122506 |
5724417 | 6924748 | 5774825 | 5774827 |
5559864 | 5187810 | 4638438 | 4977509 |
5543789 | 5608300 | 5697479 | 5712625 |
5572204 | 4792803 | 5675627 | 5023934 |
6321158 | 5710887 | 5602425 | 5950173 |
5661652 | 5944769 | 5982298 | 5671279 |
5696680 | 6192312 | 6192314 | 5948040 |
5812069 | 5676433 | 5596317 | 6141610 |
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5878126 | 3706969 | 4698625 | 5748106 |
5625668 | 5299132 | 5528493 | 5697634 |
6173231 | 5559520 | 6111539 | 5742226 |
5272638 | 5757290 | 5771008 | 4812843 |
5654886 | 5835881 | 5334974 | 5661811 |
6188957)! [PN]

L5

201

L5

L5

("6542812" | "7236100" | "6266614" |
"6339744" | "6128624" | "6924748" |
"6040824" | "6035253" | "6529824" |
"6515595") [PN]

L4

10

L4

L4

<u>L3</u>	("6542812" "7236100" "6266614" "6339744" "6128624" "6924748" "6040824" "6035253" "6529824" "6515595")[URPN]	359	<u>L3</u>	<u>L3</u>
<u>L2</u>	("6542812" "7236100" "6266614" "6339744" "6128624" "6924748" "6040824" "6035253" "6529824" "6515595")[URPN]	359	<u>L2</u>	<u>L2</u>
	<i>DB=PGPB,USPT,UPAD; PLUR=YES; OP=OR</i>			
<u>L1</u>	(6035253 6040824 6128624 6266614 6339744 6515595 6529824 6542812 6924748 7236100).pn.	10	<u>L1</u>	<u>L1</u>

END OF SEARCH HISTORY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl No. : 11/971,193 Confirmation No. 4410
Applicant : Michael L. Obradovich, et al.
Filed : January 8, 2008
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER
PREFERENCES
TC/A.U. : 3661
Examiner : Beaulieu, Yonel
Docket No. : 1155-31-CONCON3-DC
Customer No. : 81255

AMENDMENT

Mail Stop Amendment

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

43 Corporate Park, Suite 204
Irvine, CA 92606
June 9, 2009

Commissioner:

In response to the Office action of March 10, 2009, please amend the above-identified application as follows:

Amendments to the abstract begin on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.


Appln No. 11/971,193
Reply to Office action of March 10, 2009
Amdt date: June 9, 2009
Docket No.: 1155-31-CONCON3-DC

ARGUMENTS/REMARKS

In the Office action mailed March 10, 2009, the application was indicated as in condition for allowance except for formal matters relating to the Abstract of the Disclosure. The Examiner is thanked for attention to the application.

The abstract is now amended for form and is believed to now be acceptable. In view of the foregoing, the application is believed in condition for allowance, and allowance of the same is respectfully requested.

Respectfully submitted,
KLEIN, O'NEILL & SINGH, LLP

By 

Daniel M. Cavanagh
Reg. No. 41,661
949-955-1920

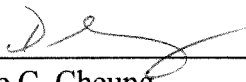
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Obradovich, et al.
Title: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER
PREFERENCES
Serial No.: 11/971,193
Examiner: Yonel Beaulieu
Attorney Docket No.: 1155-31-CONCON3-DC

**CERTIFICATE OF EFS-WEB TRANSMISSION
UNDER 37 CFR § 1.8**

I hereby certify that the enclosed 2 Page Combined Amendment & Petition for
Extension of Time; 3 Page Amendment; and Payment by Credit Card are being transmitted to
the United States Patent and Trademark Office via EFS-Web on June 9, 2009.

Date: June 9, 2009



Denise C. Cheung

Mailing Address:

KLEIN, O'NEILL & SINGH, LLP (Customer No.: 81255)
43 Corporate Park, Suite 204
Irvine, California 92606
Tel: 949-955-1920
Fax: 949-955-1921

Electronic Patent Application Fee Transmittal

Application Number:	11971193
Filing Date:	08-Jan-2008
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Filer:	Daniel M. Cavanagh/Denise Cheung
Attorney Docket Number:	60399/C685

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

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:				
Page 53 of 172 <small>Extension 1 month with \$0 paid</small>	2251	1	65	65

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				65

Electronic Acknowledgement Receipt

EFS ID:	5483636
Application Number:	11971193
International Application Number:	
Confirmation Number:	4410
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Customer Number:	56317
Filer:	Daniel M. Cavanagh/Denise Cheung
Filer Authorized By:	Daniel M. Cavanagh
Attorney Docket Number:	60399/C685
Receipt Date:	09-JUN-2009
Filing Date:	08-JAN-2008
Time Stamp:	16:39:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$65
RAM confirmation Number	3075
Deposit Account	111159
Authorized User	CAVANAGH,DANIEL M.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1155-31-CONCON3-DC-- ROAof03102009asFiled060920 09.pdf	278976 731ededbe0ee6ae931d52c9ed0cc8f60cd1f 2796	yes	6
Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Extension of Time			1	2	
Amendment/Req. Reconsideration-After Non-Final Reject			3	3	
Abstract			4	4	
Applicant Arguments/Remarks Made in an Amendment			5	5	
Miscellaneous Incoming Letter			6	6	
Warnings:					
Information:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	30839 98bfc23d72429dda4eaca5fb6d4efff0da51 b494	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			309815		
<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>					

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Small Entity)**

Docket No.
1155-31-CONCON3-DC

In Re Application Of: **Michael L. Obradovich, et al.**

Application No. 11/971,193	Filing Date January 8, 2008	Examiner Yonel Beaulieu	Customer No. 81255	Group Art Unit 3661	Confirmation No. 4410
--------------------------------------	---------------------------------------	-----------------------------------	------------------------------	-------------------------------	---------------------------------

Invention: **TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES**

COMMISSIONER FOR PATENTS:

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of March 10, 2009 in the above-identified application.
Date

The requested extension is as follows (check time period desired):

- One month Two months Three months Four months Five months

from: May 10, 2009 until: June 10, 2009
Date *Date*

Applicant claims small entity status. See 37 CFR 1.27.

The fee for the amendment and extension of time has been calculated as shown below:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	30 -	30 =	0	x \$26.00	\$0.00
INDEP. CLAIMS	4 -	4 =	0	x \$110.00	\$0.00
FEE FOR AMENDMENT					\$0.00
FEE FOR EXTENSION OF TIME					\$65.00
TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME					\$65.00

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Small Entity)**

Docket No.
1155-31-CONCON3-DC

The fee for the amendment and extension of time is to be paid as follows:

- A check in the amount of _____ for the amendment and extension of time is enclosed.
- Please charge Deposit Account No. _____ in the amount of _____
- The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **11-1159**
 - Any additional filing fees required under 37 C.F.R. 1.16.
 - Any patent application processing fees under 37 CFR 1.17.
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **11-1159**
- Payment by credit card. Form PTO-2038 is attached.

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



Signature

Dated: June 9, 2009

Daniel M. Cavanagh (Reg. No.: 41,661)
Klein, O'Neill & Singh, LLP (Customer No.: 81255)
43 Corporate Park, Suite 204
Irvine, CA 92606
Tel: 949-955-1920
Fax: 949-955-1921

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 the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

cc:

Appln No. 11/971,193
Reply to Office action of March 10, 2009
Amdt date: June 9, 2009
Docket No.: 1155-31-CONCON3-DC

Amendments to the Abstract:

Please amend the abstract as follows:

~~A navigation device utilizes stored user profiles In a navigation device in accordance with the invention, user profiles may be stored and used to navigate a user who may be driving in a vehicle, on foot, or in other mode of transportation. Each user profile corresponds to one of the user's personae. For example the user business profile corresponding to the user's business persona may be different from the user personal profile corresponding to the user's personal persona. For instance, the user business profile may include fine dining type restaurants for business meetings while the user personal profile may instead include fast food type restaurants for personal dining. The inventive navigation device provides the user with a navigated route, together with information concerning the favorite facilities and events surrounding the navigated route, which satisfy the preferences in a selected user profile. In accordance with an aspect of the invention, blockages~~ Blockages may also be established using the device to avoid selected areas, e.g., high crime areas, in the navigated route, or to block transmission of selected information concerning, e.g., uninteresting facilities and events, to the inventive navigation device.

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-876

Application or Docket Number
11 1971 193

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) 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(n))	minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	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 \$260 (\$130 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).	

SMALL ENTITY

RATE (\$)	FEE (\$)
N/A	
N/A	
N/A	
x 25 =	
x 105 =	
185	
TOTAL	

OR OTHER THAN SMALL ENTITY

RATE (\$)	FEE (\$)
N/A	
N/A	
N/A	
x 50 =	
x 210 =	
370	
TOTAL	

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

APPLICATION AS AMENDED - PART II

AMENDMENT A (6-9-09)

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(n))	30	Minus	30	=
Independent (37 CFR 1.16(h))	4	Minus	3	=
Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(i))				

SMALL ENTITY

RATE (\$)	ADDITIONAL FEE (\$)
x 25 =	
x 105 =	
185	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE (\$)	ADDITIONAL FEE (\$)
x 50 =	
x 210 =	
370	
TOTAL ADD'L FEE	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(n))		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(i))				

SMALL ENTITY

RATE (\$)	ADDITIONAL FEE (\$)
x 25 =	
x 105 =	
185	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE (\$)	ADDITIONAL FEE (\$)
x 50 =	
x 210 =	
370	
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. 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 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-8188 and select option 2.



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.
11/971,193 01/08/2008 Michael L. Obradovich 60399/C685 4410

56317 7590 03/10/2009
CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA 91109-7066

EXAMINER

BEAULIEU, YONEL

Table with 2 columns: ART UNIT, PAPER NUMBER

3661

Table with 2 columns: MAIL DATE, DELIVERY MODE

03/10/2009

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.

Office Action Summary

Application No. 11/971,193	Applicant(s) OBRADOVICH ET AL.	
Examiner /Yonel Beaulieu/	Art Unit 3661	

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 54-83 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 54-83 is/are allowed.
- 6) Claim(s) _____ is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 08 January 2008 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
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)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

Abstract

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet **within the range of 50 to 150 words**. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Conclusion

This application is in condition for allowance except for the following formal matters: as per the abstract. A statement of reasons supporting the allowable subject matter will be provided in response to the Office action.

Art Unit: 3661

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to /Yonel Beaulieu/ whose telephone number is (571) 272-6955. The examiner can normally be reached on Mon., Wed. & Thur. between 0900 and 1600.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas BLACK can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3661

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.

/Yonel Beaulieu/
Yonel Beaulieu
Primary Examiner
Art Unit 3661

Search Notes



Application/Control No.

11/971,193

Examiner

/Yonel Beaulieu/

Applicant(s)/Patent under Reexamination

OBRADOVICH ET AL.

Art Unit

3661

SEARCHED			
Class	Subclass	Date	Examiner
701	200-202	3/6/2009	YB
	117-119		
	207		
340	988		
	989		

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Inventor's Name Search	3/6/2009	YB

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	60399/C685
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	Applicant(s)	Michael L. Obradovich, et al.
	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

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EXAMINER SIGNATURE	/Yonel Beaulieu/ (03/07/2009)	DATE CONSIDERED	
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	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

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/YB/		US 6,374,237 B1	04-16-2002	Reese
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/YB/		US 6,546,002 B1	04-08-2003	Kim

EXAMINER SIGNATURE	/Yonel Beaulieu/ (03/07/2009)	DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.			

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

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	60399/C685
	Application Number	To Be Determined
	Filing Date	Herewith - January 8, 2008
	Applicant(s)	Michael L. Obradovich, et al.
	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
/YB/		US 6,574,734 B1	06-03-2003	Colson et al.
/YB/		US 6,639,550 B2	10-28-2003	Knockeart et al.
/YB/		US 6,680,694 B1	01-20-2004	Knockeart et al.
/YB/		US 6,707,421 B1	03-16-2004	Drury et al.
/YB/		US 6,745,188 B2	06-01-2004	Bradburn
/YB/		US 6,954,735 B1	10-11-2005	Djupsjobacka et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
/YB/		JP-9-231263	05-09-1997	Toshiba Corp.	
/YB/		EP 0 829 704 A2	03-18-1998	Hitachi, Ltd.	
/YB/		EP 0 853 287 A2	07-15-1998	Nokia Mobile Phones Ltd.	
/YB/		WO 97/07467	02-27-1997	PHELAN, Sean	
/YB/		WO 99/33293	07-01-1999	Global Mobility Systems, Inc.	

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/YB/		Eleftheriadis, et al. "User Profile Identification In Future Mobile Telecommunications Systems", IEEE Network, IEEE Inc. New York, U.S. Vol. 8, No. 5, September/October 1994 (p. 33-39).
/YB/		European Search Report dated 23 June 2005 for European Patent Application No. EP 05 00 4271.2-2201, filed March 2, 2005, European Search Report mailed July 5, 2005 (5 pgs.).
/YB/		American Calcar Inc. "Summons to Attend Oral Proceedings Pursuant to Rule 71(1) EPC" and "Annex To Summons To Oral Proceedings" issued on December 22, 2004 in connection with European Patent Application No. 00972367.7-2201, filed October 27, 2000 (5 pgs.).

EXAMINER SIGNATURE	/Yonel Beaulieu/ (03/07/2009)	DATE CONSIDERED	
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	60399/C685
	Application Number	To Be Determined
	Filing Date	Herewith - January 8, 2008
	Applicant(s)	Michael L. Obradovich, et al.
	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/YB/		American Calcar Inc. "Communication Pursuant to Article 96(2) EPC" issued on August 1, 2003 in connection with European Patent Application No. 0972367.7-2001, filed October 27, 2000 (7 pgs.)
/YB/		PCT Written Opinion for International Application No. PCT/US00/29520, filed 27 Oct. 2000, Written Opinion dated 28 August 2001.
/YB/		Supplemental Search Report for European Patent Application No. 00972367.7, dated 09 January 2003 and mailed 21 January 2003 (4 pgs.).
/YB/		Office Action for U.S. Patent Application 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Office Action mailed December 20, 2002 (31 pgs.).
/YB/		Final Office Action for U.S. Patent Application 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Final Office Action mailed July 17, 2003 (14 pgs.).
/YB/		Advisory Action for U.S. Patent Application 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Advisory Action mailed October 20, 2003 (3 pgs.).
/YB/		Office Action for U.S. Patent Application 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Office Action mailed December 29, 2003 (10 pgs.).
/YB/		Final Office Action for U.S. Patent Application 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Final Office Action mailed June 22, 2004 (14 pgs.).
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EXAMINER SIGNATURE	/Yonel Beaulieu/ (03/07/2009)	DATE CONSIDERED	
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	60399/C685
	Application Number	To Be Determined
	Filing Date	Herewith - January 8, 2008
	Applicant(s)	Michael L. Obradovich, et al.
	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/YB/		Amendment for Application No. 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Amendment mailed April 21, 2003 (10 pgs.).
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/YB/		Amendment with an RCE for Application No. 09/699,031, filed October 27, 2000, inventor Michael L. Obradovich, Amendment mailed November 20, 2003 (9 pgs.).
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BIB DATA SHEET
CONFIRMATION NO. 4410

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
11/971,193	01/08/2008	701	3661	60399/C685		
APPLICANTS Michael L. Obradovich, San Clemente, CA; John D. Pirtle, Silverado, CA; Steven W. Schebesch, Aliso Viejo, CA;						
** CONTINUING DATA ***** This application is a CON of 11/146,599 06/07/2005 which is a CON of 10/957,042 10/01/2004 PAT 6,993,429 which is a CON of 10/382,687 03/06/2003 PAT 6,829,532 which is a CON of 09/830,064 04/20/2001 PAT 6,542,812 which is a 371 of PCT/US00/27270 10/04/2000 which claims benefit of 60/160,326 10/19/1999						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/13/2008						
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	Initials	CA	8	30	4
Verified and Acknowledged	/YONEL BEAULIEU/ Examiner's Signature					
ADDRESS CHRISTIE PARKER & HALE, LLP P.O. BOX 7068 PASADENA, CA 91109-7066 UNITED STATES						
TITLE TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES						
FILING FEE RECEIVED	FEES: Authority has been given in Paper			<input type="checkbox"/> All Fees		
790	No. _____ to charge/credit DEPOSIT ACCOUNT			<input type="checkbox"/> 1.16 Fees (Filing)		
	No. _____ for following:			<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)		
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				<input type="checkbox"/> Other _____		
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PLUS Search Results for S/N 11971193, Searched Tue Mar 03 10:24:04 EST 2009
The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/971,193	01/08/2008	Michael L. Obradovich	60399/C685

CONFIRMATION NO. 4410

56317
CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA91109-7066

Title: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

Publication No. US-2008-0120024-A1

Publication Date: 05/22/2008

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 publicly available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

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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: 11/971,193, 01/08/2008, 3664, 790, 60399/C685, 30, 4

CONFIRMATION NO. 4410

56317
CHRISTIE PARKER & HALE, LLP
P.O. BOX 7068
PASADENA, CA 91109-7066

FILING RECEIPT



Date Mailed: 02/19/2008

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 write to the Office of Initial Patent Examination's Filing Receipt Corrections. 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)

Michael L. Obradovich, San Clemente, CA;
John D. Pirtle, Silverado, CA;
Steven W. Schebesch, Aliso Viejo, CA;

Assignment For Published Patent Application

American Calcar Inc.

Power of Attorney: The patent practitioners associated with Customer Number 56317

Domestic Priority data as claimed by applicant

This application is a CON of 11/146,599 06/07/2005
which is a CON of 10/957,042 10/01/2004 PAT 6,993,429
which is a CON of 10/382,687 03/06/2003 PAT 6,829,532
which is a CON of 09/830,064 04/20/2001 PAT 6,542,812
which is a 371 of PCT/US00/27270 10/04/2000
which claims benefit of 60/160,326 10/19/1999

Foreign Applications

If Required, Foreign Filing License Granted: 02/13/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 11/971,193

Projected Publication Date: 05/22/2008

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

Preliminary Class

701

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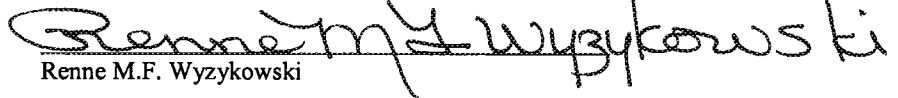
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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on January 8, 2008 at or before 11:59 p.m. Eastern Standard Time under the Rules of 37 CFR § 1.10.


Renne M.F. Wyzkowski

Docket No. : 60399/C685
Inventor(s) : Michael L. Obradovich; John D. Pirtle and Steven W. Schebesch
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

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

January 8, 2008

1. **FEE TRANSMITTAL FORM.**

2. **IF A CONTINUING APPLICATION**

This application is a continuation of Application Serial No. 11/146,599 filed on June 7, 2005, which is a continuation of Application Serial No. 10/957,042 filed on October 1, 2004, now U.S. Patent No. 6,993,429, which is a continuation of Application Serial No. 10/382,687 filed on March 6, 2003, now U.S. Patent No. 6,829,532, which is a continuation of Application Serial No. 09/830,064 filed on April 20, 2001, now U.S. Patent No. 6,542,812, which is a National Stage of International Application No. PCT/US00/27270 filed on October 4, 2000, which was published under PCT Article 12 (2) in English and which claims the priority of Provisional Application No. 60/160,326 filed on October 19, 1999.

Prior application information: Examiner Yonel Beaulieu; Group Art Unit: 3661.

_____ This application claims the benefit of Provisional Application No. _____ pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4).

3. **APPLICATION COMPRISED OF**

Specification

37 Specification, claims and Abstract (total pages)

Drawings

8 Sheets of formal drawing(s) (FIGS. 1 to 14)

Declaration and Power of Attorney

_____ Newly executed

_____ Unexecuted declaration

Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

UTILITY PATENT APPLICATION TRANSMITTAL
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Docket No.: 60399/C685

4. _____ **Microfiche Computer Program** (*Appendix*)
5. _____ **Nucleotide and/or Amino Acid Sequence Submission** (*if applicable, all necessary*)
_____ Computer Readable Copy
_____ Paper Copy (identical to computer copy)
_____ Statement verifying identity of above copies
6. **APPLICANT(S) STATUS UNDER 37 CFR §1.27**
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7. **ALSO ENCLOSED ARE**
_____ Request and Certificate under 35 U.S.C. §122(b)(2)(B)(i) **Request for Non-Publication**
 X Preliminary Amendment
 X Includes "Cross-Reference to Related Applications"
_____ A Petition for Extension of Time for the parent application and the required fee are enclosed
_____ An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed
 X This application is owned by American Calcar Inc. pursuant to an Assignment recorded at Reel 011813, Frame 0945
 X Two Information Disclosure Statements (IDS)/Two Forms PTO/SB/08A/B
 0 Copies of IDS Citations
_____ Certified copy of Priority Document(s) (*if foreign priority is claimed*)
_____ English Translation Document (*if applicable*)
_____ Return Receipt Postcard (MPEP 503) (should be specifically itemized).
 X Other: Submission of Substitution of Attorney with Change of Address for Correspondence by Assignee.
8. **DIRECT ALL CORRESPONDENCE TO: CUSTOMER NUMBER 56317**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By


Daniel M. Cavanagh, Reg. No. 41,661
Telephone: 626/795-9900

CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068

**FEE TRANSMITTAL
UTILITY PATENT APPLICATION**

DATE: January 8, 2008

Docket No. : 60399/C685 Duplicate
 Inventor(s) : Michael L. Obradovich; John D. Pirtle and Steven W. Schebesch
 Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

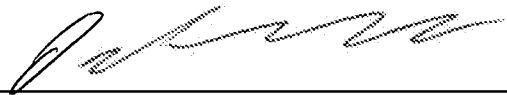
FEE CALCULATION

CLAIMS AS FILED					
	Number Filed	Number Extra	Small Entity Rate	Large Entity Rate	FEE
TOTAL CLAIMS	30 – 20	= 10	10 x \$25.00	x \$50.00	\$250.00
INDEPENDENT CLAIMS	4 – 3	= 1	1 x \$105.00	x \$210.00	\$105.00
MULTIPLE-DEPENDENT CLAIMS FEE			\$185.00	\$370.00	\$0.00
BASIC FILING, SEARCH, AND EXAMINATION FEES					
			Small Entity Rate	Large Entity Rate	FEE
BASIC FILING FEE			\$75.00	\$310.00	\$75.00
SEARCH FEE			\$255.00	\$510.00	\$255.00
EXAMINATION FEE			\$105.00	\$210.00	\$105.00
APPLICATION SIZE FEE					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to whole number)	Small Entity Rate	Large Entity Rate	Fee
45 – 100	= 0/50	0	0 x \$130.00	x \$260.00	\$0.00
TOTAL AMOUNT OF FEES					\$790.00
List Independent Claims: 54, 62, 70, 77					

METHOD OF PAYMENT

- Please deduct \$790.00 from Deposit Account No. 03-1728.
- The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account.

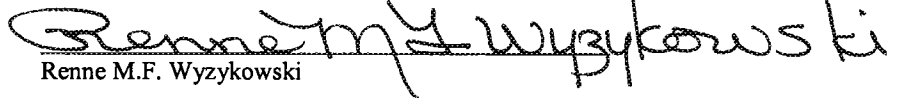
Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By 
Daniel M. Cavanagh, Reg. No. 41,661
Telephone: 626/795-9900

DMC/rmw
RMW IRV1111336.1.*-01/8/08 11:44 AM

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on January 8, 2008 at or before 11:59 p.m. Eastern Standard Time under the Rules of 37 CFR § 1.10.


Renne M.F. Wyzkowski

Docket No. : 60399/C685
Inventor(s) : Michael L. Obradovich; John D. Pirtle and Steven W. Schebesch
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

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

January 8, 2008

1. **FEE TRANSMITTAL FORM.**

2. **IF A CONTINUING APPLICATION**

This application is a continuation of Application Serial No. 11/146,599 filed on June 7, 2005, which is a continuation of Application Serial No. 10/957,042 filed on October 1, 2004, now U.S. Patent No. 6,993,429, which is a continuation of Application Serial No. 10/382,687 filed on March 6, 2003, now U.S. Patent No. 6,829,532, which is a continuation of Application Serial No. 09/830,064 filed on April 20, 2001, now U.S. Patent No. 6,542,812, which is a National Stage of International Application No. PCT/US00/27270 filed on October 4, 2000, which was published under PCT Article 12 (2) in English and which claims the priority of Provisional Application No. 60/160,326 filed on October 19, 1999.

Prior application information: Examiner Yonel Beaulieu; Group Art Unit: 3661.

_____ This application claims the benefit of Provisional Application No. _____ pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4).

3. **APPLICATION COMPRISED OF**

Specification

37 Specification, claims and Abstract (total pages)

Drawings

8 Sheets of formal drawing(s) (FIGS. 1 to 14)

Declaration and Power of Attorney

_____ Newly executed

_____ Unexecuted declaration

Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))


Docket No.: 60399/C685

4. _____ **Microfiche Computer Program** (*Appendix*)
5. _____ **Nucleotide and/or Amino Acid Sequence Submission** (*if applicable, all necessary*)
_____ Computer Readable Copy
_____ Paper Copy (identical to computer copy)
_____ Statement verifying identity of above copies
6. **APPLICANT(S) STATUS UNDER 37 CFR §1.27**
 X Applicant(s) and any others associated with it/them under §1.27(a) are a SMALL ENTITY
7. **ALSO ENCLOSED ARE**
_____ Request and Certificate under 35 U.S.C. §122(b)(2)(B)(i) **Request for Non-Publication**
 X Preliminary Amendment
 X Includes "Cross-Reference to Related Applications"
_____ A Petition for Extension of Time for the parent application and the required fee are enclosed
_____ An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed
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 X Two Information Disclosure Statements (IDS)/Two Forms PTO/SB/08A/B
 0 Copies of IDS Citations
_____ Certified copy of Priority Document(s) (*if foreign priority is claimed*)
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 X Other: Submission of Substitution of Attorney with Change of Address for Correspondence by Assignee.
8. **DIRECT ALL CORRESPONDENCE TO: CUSTOMER NUMBER 56317**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By


Daniel M. Cavanagh, Reg. No. 41,661
Telephone: 626/795-9900

CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068

**FEE TRANSMITTAL
UTILITY PATENT APPLICATION**

DATE: January 8, 2008

Docket No. : 60399/C685 Duplicate
 Inventor(s) : Michael L. Obradovich; John D. Pirtle and Steven W. Schebesch
 Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

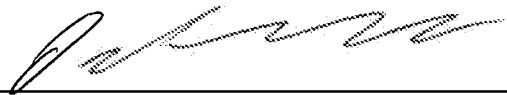
FEE CALCULATION

CLAIMS AS FILED					
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APPLICATION SIZE FEE					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to whole number)	Small Entity Rate	Large Entity Rate	Fee
45 – 100	= 0/50	0	0 x \$130.00	x \$260.00	\$0.00
TOTAL AMOUNT OF FEES					\$790.00
List Independent Claims: 54, 62, 70, 77					

METHOD OF PAYMENT

- Please deduct \$790.00 from Deposit Account No. 03-1728.
- The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account.

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

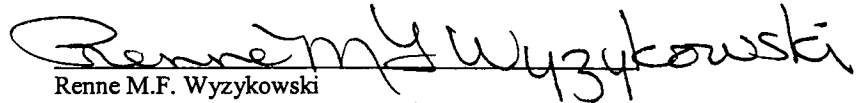
By 
Daniel M. Cavanagh, Reg. No. 41,661
Telephone: 626/795-9900

DMC/rmw
RMW IRV1111336.1.*-01/8/08 11:44 AM

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 7, 2005.


Renne M.F. Wyzykowski

Applicant : Michael L. Obradovich, et al. Confirmation No. 4779
Application No. : 11/146,599
Filed : June 7, 2005
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON
USER PREFERENCES

Grp./Div. : 3661
Examiner : Yonel Beaulieu
Customer No. : 56317

Docket No. : 56045/DMC/C685

SUBMISSION OF SUBSTITUTION OF ATTORNEY
WITH CHANGE OF ADDRESS FOR CORRESPONDENCE BY ASSIGNEE

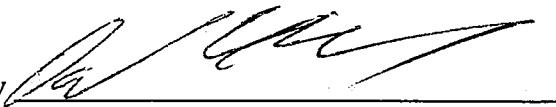
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
November 7, 2005

Commissioner:

Enclosed herewith is a Substitution of Attorney With Change Of Address For Correspondence By Assignee for filing in connection with the above-referenced patent application.

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By 
Daniel M. Cavanagh, Reg. No. 41,661
Telephone: 626/795-9900

DMC/rmw
Enclosure: Substitution of Attorney
RMW IRV1091129.1.*-11/7/05 1:31 PM

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUBSTITUTION OF ATTORNEY WITH
CHANGE OF ADDRESS FOR CORRESPONDENCE
BY ASSIGNEE

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

Commissioner:

American Calcar Inc., assignee of the entire interest in and to the below-listed United States patents and patent applications under Assignments recorded in the United States Patent and Trademark Office indicated by recording date, Reel and Frame(s),

<u>Patent No.</u>	<u>Issued</u>	<u>Assignment Recorded</u>	<u>Reel</u>	<u>Frame(s)</u>
6,009,355	December 28, 1999	August 23, 1999	010201	0076-0078
6,282,464	August 28, 2001	July 27, 1999	010177	0479-0481
6,131,060	October 10, 2000	August 23, 1999	010201	0076-0078
	(divisional of Serial No. 08/789,934, now Patent No. 6,009,355)			
6,175,782	January 16, 1002	August 23, 1999	010201	0076-0078
	(divisional of Serial No. 08/789,934, now Patent No. 6,009,355)			
6,233,506	May 15, 2001	August 23, 1999	010201	0076-0078
	(divisional of Serial No. 08/789,934, now Patent No. 6,009,355)			
6,275,231	August 14, 2001	August 23, 1999	010201	0076-0078
6,754,485	June 22, 2004	August 23, 2000	011071	0354-0356
6,703,944	March 9, 2004	August 23, 1999	010201	0076-0078
	(divisional of Serial No. 08/904,855, now Patent No. 6,275,231)			
6,330,497	December 11, 2001	August 23, 1999	010201	0076-0078
	(continuation of Serial No. 09/401,039, now Patent No. 6,175,782; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)			
6,459,961	October 1, 2002	August 23, 1999	010201	0076-0078
	(continuation of Serial No. 09/401,039, now Patent No. 6,175,782; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)			
6,438,465	August 20, 2002	August 23, 1999	010201	0076-0078
	(continuation of Serial No. 09/401,038, now Patent No. 6,233,506; and divisional of Serial No. 08/879,934, now Patent No. 6,009,355)			
6,577,928	June 10, 2003	July 27, 1999	010177	0479-0481
	(continuation of Serial No. 09/355,433, now Patent No. 6,282,464)			
6,542,812	April 1, 2003	April 20, 2001	011813	0945-0948
6,449,535	September 10, 2002	August 23, 1999	010201	0076-0078
	(continuation of Serial No. 09/717,943, now Patent No. 6,459,961; continuation of Serial No. 09/401,039, now Patent No. 6,175,782; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)			

6,542,794	April 1, 2003	July 27, 1999	010177	0479-0481
(divisional of Serial No. 09/848,391, now Patent No. 6,577,928; and continuation of Serial No. 09/355,433, now Patent No. 6,282,464)				
6,542,795	April 1, 2003	August 23, 1999	010201	0076-0078
(continuation of Serial No. 09/792,351, now Patent No. 6,438,465; continuation of Serial No. 09/401,038, now Patent No. 6,233,506; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				
6,587,758	July 1, 2003	August 23, 1999	010201	0076-0078
(continuation of Serial No. 10/017,776, now Patent No. 6,449,535; continuation of Serial No. 09/717,943, now Patent No. 6,459,961; continuation of Serial No. 09/401,039, now Patent No. 6,175,782; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				
6,587,759	July 1, 2003	August 23, 1999	010201	0076-0078
(continuation of Serial No. 09/717,943, now Patent No. 6,459,961; continuation of Serial No. 09/401,039, now Patent No. 6,175,782; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				
6,829,532	December 7, 2004	April 20, 2001	011813	0945-0948
(continuation of Serial No. 09/830,064, now Patent No. 6,542,812)				
6,922,616	July 26, 2005	August 23, 1999	010201	0076-0078
(continuation of Serial No. 09/792,349 (abandoned); continuation of Serial No. 09/401,038, now Patent No. 6,233,506; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				
6,859,687	February 22, 2005	August 23, 1999	010201	0076-0078
(continuation of Serial No. 09/792,349 (abandoned); continuation of Serial No. 09/401,038, now Patent No. 6,233,506; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				

<u>Application No.</u>	<u>Filed</u>	<u>Assignment Recorded</u>	<u>Reel</u>	<u>Frame(s)</u>
09/838,491	April 19, 2001	August 23, 1999	010201	0076-0078
(continuation of Serial No. 08/904,855, now Patent No. 6,275,231)				
09/900,391	July 6, 2001	August 23, 1999	010201	0076-0078
(continuation of Serial No. 08/904,855, now Patent No. 6,275,231)				
09/910,510	July 19, 2001	September 17, 2001	012169	0290-0293
09/923,125	August 6, 2001	August 23, 1999	010201	0076-0078
(continuation of Serial No. 08/904,855, now Patent No. 6,275,231)				
10/038,346	January 2, 2002	July 27, 1999	010177	0479-0481
(divisional of Serial No. 09/848,391, now Patent No. 6,577,928; and continuation of Serial No. 09/355,433, now Patent No. 6,282,464)				
10/380,449	March 10, 2003	March 18, 2004	015100	0731-0733
10/664,477	September 18, 2003	August 23, 1999	010201	0076-0078
(continuation of Serial No. 09/688,288, now Patent No. 6,703,944; and divisional of Serial No. 09/904,855, now Patent no. 6,275,231)				
10/782,581	February 19, 2004	August 23, 1999	010201	0076-0078
(continuation of Serial No. 09/792,349, now Abandoned; continuation of Serial No. 09/401,038, now Patent No. 6,233,506; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				

11/034,287	January 12, 2005	July 27, 1999	010177	0479-0481
(continuation of Serial No. 10/038,346; divisional of Serial No. 09/848,391, now Patent No. 6,577,928; and continuation of Serial No. 09/355,433, now Patent No. 6,282,464)				
10/840,170	May 5, 2004	August 23, 2000	011071	0354-0356
(continuation of Serial No. 09/622,869, now Patent No. 6,754,485)				
10/957,042	October 1, 2004	April 20, 2001	011813	0945-0948
(continuation of Serial No. 10/382,687, now Patent No. 6,829,532; continuation of Serial No. 09/830,064, now Patent No. 6,542,812)				
11/056,806	February 11, 2005	August 23, 1999	010201	0076-0078
(continuation of Serial No. 10/782,581; continuation of Serial No. 09/792,349, now abandoned; continuation of Serial No. 09/401,038, now Patent No. 6,233,506; and divisional of Serial No. 08/789,934, now Patent No. 6,009,355)				
11/146,599	June 7, 2005	April 20, 2001	011813	0945-0948
(continuation of Serial No. 10/957,042; continuation of Serial No. 10/382,687, now Patent No. 6,829,532; and continuation of Serial No. 09/830,064, now Patent No. 6,542,812)				

hereby revokes all previous Powers of Attorney and appoints the practitioners associated with the

CUSTOMER NUMBER 56317

as principal attorneys with power to appoint associate attorneys, to prosecute the above-referenced applications and any subsequent applications based on the disclosures of these applications, and to transact all business in the Patent and Trademark Office connection with these applications and any subsequent applications.

Please direct all correspondence to **CUSTOMER NUMBER 56317**. Direct all telephone calls to Daniel M. Cavanagh at 626/795-9900, **CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, California 91109-7068.**

American Calcar Inc.

Date 10-14-05

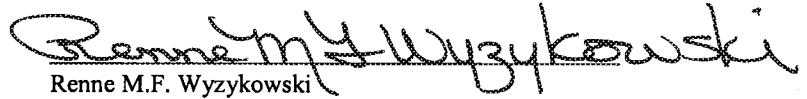
By *Michael L. Obradovich*
 Michael L. Obradovich
 President

DMC/rmw
 RMW IRV1089112.1.-10/14/05 10:27 AM

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on January 8, 2008 at or before 11:59 p.m. Pacific Time under the Rules of 37 CFR § 1.8.


Renne M.F. Wyzykowski

Appl No. : To Be Determined
Applicant : Michael L. Obradovich, et al.
Filed : Herewith - January 8, 2008
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER
PREFERENCES
TC/A.U. : 3661 (Parent application)
Examiner : Yonel Beaulieu (Parent application)
Docket No. : 60399/C685
Customer No. : 56317

PRELIMINARY AMENDMENT

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

Post Office Box 7068
Pasadena, CA 91109-7068
January 8, 2008

Commissioner:

Prior to examination, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 9 of this paper.

Docket No.: 60399/C685
Amdt date January 8, 2008

Amendments to the Specification:

Insert the following paragraph after the title:

This application is a continuation of Application Serial No. 11/146,599 filed on June 7, 2005, the disclosure of which is incorporated by reference herein, which is a continuation of Application Serial No. 10/957,042 filed on October 1, 2004, now U.S. Patent No. 6,993,429, which is a continuation of Application Serial No. 10/382,687 filed on March 6, 2003, now U.S. Patent No. 6,829,532, which is a continuation of Application Serial No. 09/830,064 filed on April 20, 2001, now U.S. Patent No. 6,542,812, which is a National Stage of International Application No. PCT/US00/27270 filed on October 4, 2000, which was published under PCT Article 12 (2) in English and which claims the priority of Provisional Application No. 60/160,326 filed on October 19, 1999.

Docket No.: 60399/C685
Amdt date January 8, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-53 (canceled).

Claim 54. (new) A method for navigation using a navigation device which includes a location-sensing element therein, the method comprising:

forming a database storing traffic information for extraction thereof with respect to areas;
receiving data concerning a location of the navigation device which is determined using the location-sensing element;

searching the database for traffic information specific to a coverage area including the location of the navigation device;

receiving a request for planning a route from an origination to a destination;

determining that the coverage area is different from one or more areas in navigation coverage defined at least by the origination and the destination;

searching the database for selected traffic information specific to the one or more areas;
and

planning a route to the destination, taking into consideration at least traffic conditions derived from the selected traffic information.

Claim 55. (new) The method of claim 54 wherein the database is external to the navigation device.

Claim 56. (new) The method of claim 54 wherein the location of the navigation device is defined by GPS coordinates.

Claim 57. (new) The method of claim 54 wherein the navigation device is used in a vehicle.

Claim 58. (new) The method of claim 54 wherein road conditions are also taken into consideration in planning the route.

Claim 59. (new) The method of claim 54 wherein weather conditions are also taken into consideration in planning the route.

Claim 60. (new) The method of claim 54 wherein the navigation device includes a display element, and at least part of the planned route is shown on the display element.

Claim 61. (new) The method of claim 54 wherein turn-by-turn instructions are communicated via audio media to a user of the navigation device when traversing the planned route.

Claim 62. (new) A method for navigation using a navigation device which includes a location-sensing element therein, the method comprising:

forming a database storing weather information for extraction thereof with respect to areas;

receiving data concerning a location of the navigation device which is determined using the location-sensing element;

searching the database for weather information specific to a coverage area including the location of the navigation device;

receiving a request for planning a route from an origination to a destination;

determining that the coverage area is different from one or more areas in navigation coverage defined at least by the origination and the destination;

searching the database for selected weather information specific to the one or more areas;
and

planning a route to the destination, taking into consideration at least weather conditions derived from the selected weather information.

Claim 63. (new) The method of claim 62 wherein the database is external to the navigation device.

Claim 64. (new) The method of claim 62 wherein the location of the navigation device is defined by GPS coordinates.

Claim 65. (new) The method of claim 62 wherein the navigation device is used in a vehicle.

Claim 66. (new) The method of claim 62 wherein road conditions are also taken into consideration in planning the route.

Claim 67. (new) The method of claim 62 wherein traffic conditions are also taken into consideration in planning the route.

Claim 68. (new) The method of claim 62 wherein the navigation device includes a display element, and at least part of the planned route is shown on the display element.

Claim 69. (new) The method of claim 62 wherein turn-by-turn instructions are communicated via audio media to a user of the navigation device when traversing the planned route.

Claim 70. (new) A navigation system for a user traveling in a vehicle, comprising:
a database formed to store traffic information for extraction thereof with respect to areas;
a processing unit for searching the database for traffic information specific to a coverage area including the location of the vehicle; and

an interface for receiving a request for planning a route from an origination to a destination, wherein when it is determined that the coverage area is different from one or more areas in navigation coverage defined at least by the origination and the destination, the processing unit searches the database for selected traffic information specific to the one or more areas, and wherein a route to the destination is planned, taking into consideration at least traffic conditions derived from the selected traffic information.

Claim 71. (new) The system of claim 70 wherein the location of the vehicle is defined by GPS coordinates.

Claim 72. (new) The system of claim 70 wherein road conditions are also taken into consideration in planning the route.

Claim 73. (new) The system of claim 70 wherein weather conditions are also taken into consideration in planning the route.

Claim 74. (new) The system of claim 70 wherein at least part of the planned route is shown on a display.

Claim 75. (new) The system of claim 70 wherein turn-by-turn instructions are communicated via audio media to the user.

Claim 76. (new) The system of claim 70 wherein the database is external to the vehicle.

Claim 77. (new) A navigation system for a user traveling in a vehicle, comprising:
a database formed to store weather information for extraction thereof with respect to areas;

a processing unit for searching the database for weather information specific to a coverage area including the location of the vehicle; and

Docket No.: 60399/C685
Amdt date January 8, 2008

an interface for receiving a request for planning a route from an origination to a destination, wherein when it is determined that the coverage area is different from one or more areas in navigation coverage defined at least by the origination and the destination, the processing unit searches the database for selected weather information specific to the one or more areas, and wherein a route to the destination is planned, taking into consideration at least traffic conditions derived from the selected weather information.

Claim 78. (new) The system of claim 77 wherein the location of the vehicle is defined by GPS coordinates.

Claim 79. (new) The system of claim 77 wherein road conditions are also taken into consideration in planning the route.

Claim 80. (new) The system of claim 77 wherein traffic conditions are also taken into consideration in planning the route.

Claim 81. (new) The system of claim 77 wherein at least part of the planned route is shown on a display.

Claim 82. (new) The system of claim 77 wherein turn-by-turn instructions are communicated via audio media to the user.

Claim 83. (new) The system of claim 77 wherein the database is external to the vehicle.

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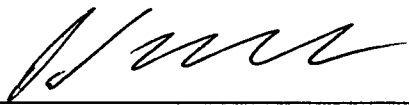
REMARKS/ARGUMENTS

This application is a continuation of Application Serial No. 11/146,599 filed on June 7, 2005, which is a continuation of Application Serial No. 10/957,042 filed on October 1, 2004, now U.S. Patent No. 6,993,429, which is a continuation of Application Serial No. 10/382,687 filed on March 6, 2003, now U.S. Patent No. 6,829,532, which is a continuation of Application Serial No. 09/830,064 filed on April 20, 2001, now U.S. Patent No. 6,542,812, which is a National Stage of International Application No. PCT/US00/27270 filed on October 4, 2000, which was published under PCT Article 12 (2) in English and which claims the priority of Provisional Application No. 60/160,326 filed on October 19, 1999. The specification has been amended to reflect such a priority claim.

Applicants have cancelled claims 1-53. Claims 54-83 have been added which are drawn to various aspects of the invention.

In addition, applicants bring to the Examiner's attention the references listed on the attached Form PTO/SB/08A/B (10 pages). Pursuant to 37 C.F.R. 1.98(d), copies of these references are not enclosed as they were previously cited by or transmitted to the U.S. Patent and Trademark Office in the prior applications identified above of which the present application claims priority. Applicants also bring to the Examiner's attention additional references listed on a second Form PTO/SB/08A/B (1 page) enclosed herewith. It is respectfully requested that the listed references be made of record in the present application.

Respectfully submitted,
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DescriptionTECHNIQUE FOR EFFECTIVE NAVIGATION
BASED ON USER PREFERENCESField of the Invention

5 The invention relates to a navigation technique, and more particularly to a technique for navigation subject to user preferences.

Background of the Invention

10 Recently, navigation systems based on global positioning system (GPS) technology were developed for use in an automobile. Such navigation systems are capable of receiving signals from a constellation of satellites which is part of the GPS. Based on the received signals, one such navigation system identifies
15 the automobile's location, e.g., in latitude and longitude. The navigation system also detects the automobile's speed and direction. With geographic information stored in an on-board computer in the automobile, the navigation system is capable of audio-
20 visually communicating to a user instructions for reaching a given destination.

 Similarly, a GPS navigation device in hand-held form enables a user carrying the device to monitor his/her planned route leading to a given destination.
25 Nowadays, in general, hand-held devices for information organization and communications are popular and have been proliferating. For example, use of cellular phones for communications is ubiquitous. Use of personal data assistants (PDAs), e.g., PALM type hand-held devices, is
30 equally ubiquitous for organizing personal information including meeting schedules, telephone listing, address information, etc. More recently, hand-held communicators emerged which have cellular communication and modem facilities integrated into a PDA, thereby enabling a user

to communicate data in a wireless manner, e.g., to send and receive email, and to upload and download information from websites via the Internet.

Summary of the Invention

5 Traditionally, a navigation device, e.g., a GPS navigation system used in an automobile, provides a user with directions to a given destination. The navigation typically provides the shortest navigated route in terms of distance to the given destination. However, we have
10 expanded the concept of the traditional navigation to broadly include providing a navigated route subject to user preferences, together with information concerning facilities and events surrounding the navigated route for the user's convenience. The navigated route is selected
15 to satisfy a trip's purpose. Such a trip's purpose may be (1) to reach a given destination as in prior art, and/or (2) to perform certain tasks enroute or at the destination, which may include purchasing business supplies, shopping for gifts, dining, obtaining
20 entertainments, etc. To realize (2), the navigator arrangement in accordance with the invention allows for storage of user profiles including user preferences such as preferred types of restaurants, shops, entertainments, etc.

25 In accordance with an aspect of the invention, each user profile corresponds to one of the user's personae. For example, the user business profile corresponding to the user's business persona may be different from the user personal profile corresponding to
30 his/her personal persona. For instance, the user business profile may include fine-dining type restaurants for business meetings while the user personal profile may instead include fast-food type restaurants for personal dining. Thus, the navigator arrangement in accordance

with the invention provides a navigated route, together with information concerning the favorite facilities and events surrounding the navigated route, which satisfy the preferences in a selected user profile.

5 In accordance with another aspect of the invention, the user can adopt a second person's profile for a trip's purpose particular to that second person, thereby temporarily assuming the second person's persona to achieve such a trip's purpose.

10 In accordance with yet another aspect of the invention, the actual navigated route selected by the inventive navigator arrangement may depend on the mode of transportation specified by the user. For example, driving and walking are two different modes of
15 transportation. The selected route for driving may be very different from that for walking, even though they may accomplish the same trip's purpose. The routes from which the inventive navigator arrangement selects for driving have to be passable by an automobile, which
20 exclude, e.g., foot bridges, and walk paths through buildings, parks, fields, forests, etc. On the other hand, the routes from which the inventive navigator arrangement selects for walking have to be safe to pedestrians, which exclude, e.g., highways, freeways,
25 etc.

 In accordance with still yet another aspect of the invention, the actual route selected by the inventive navigator arrangement may also depend on external conditions, e.g., traffic, weather and road conditions.
30 Thus, based on the information concerning such external conditions received from, say, a server via the Internet, the inventive navigator arrangement selects the most time-efficient route, e.g., one that requires the least travel time, to accomplish the trip's purpose despite any
35 adverse traffic, weather and road conditions.

In accordance with a further aspect of the invention, a user may prescribe one or more roadblocks specifying certain prohibited areas or paths from which the route selected by the inventive navigator arrangement deviates. For example, it may be sensible to place roadblocks around high crime areas especially when the user is new in town and unfamiliar with those areas. A roadblock may be permanent or temporary. For example, a temporary roadblock may be placed on certain streets where a parade is held which lasts for several hours. Similar to a roadblock, a blockade may be imposed to block transmission of certain information to the inventive navigator arrangement which concerns, e.g., uninteresting facilities or events.

Brief Description of the Drawing

Further aspects, features and advantages of the invention will become apparent from the following detailed description taken in conjunction with the accompanying drawing showing an illustrative embodiment of the invention, in which:

Fig. 1 is a block diagram of a navigator arrangement in accordance with the invention;

Fig. 2 illustrates a registration page shown on a display in the arrangement of Fig. 1;

Fig. 3 illustrates a profile setting page shown on the display;

Fig. 4 illustrates the format of a user record stored in a memory of the arrangement of Fig. 1;

Fig. 5 illustrates a setup where the arrangement of Fig. 1 communicates with a remote server through a communications network;

Fig. 6 illustrates a personal favorite list shown on the display;

Fig. 7 illustrates preset profiles shown on the

display;

Fig. 8 illustrates a navigation page shown on the display;

5 Fig. 9 illustrates a directions page shown on the display;

Fig. 10 is a flow chart depicting a navigation process based on certain information in the record of Fig. 4;

10 Fig. 11 illustrates a map viewer page shown on the display;

Fig. 12 illustrates a restaurant page shown on the display;

Fig. 13 illustrates a restaurant menu page shown on the display; and

15 Fig. 14 illustrates an inquiry page where a user is presented a choice of blockades in accordance with the invention.

Detailed Description

20 Fig. 1 illustrates navigator arrangement 100 embodying the principles of the invention for navigation subject to user preferences. Navigator arrangement 100 in this instance is realized as a hand-held device, which may be "docked" or connected to another device or system to enhance its functionality, which may include a
25 terminal, workstation, computer system, or an automobile system described, e.g., in U.S. Patent No. 6,009,355 issued to Obradovich et al. on December 28, 1999.

30 As shown in Fig. 1, navigator arrangement 100 includes processor 103, memory 108, display driver 111, display 113, user interface 115, external interfaces 117, GPS receiver 119, communication unit 120. Memory 108 is used to store software and data for processor 103 to carry out various operations of arrangement 100. In this instance, the stored software includes a navigator

browser similar to the well known NETSCAPE NAVIGATOR or MICROSOFT INTERNET EXPLORER web browser for browsing information provided, e.g., by servers connected to the Internet. In particular, the navigator browser works
5 compatibly with the standard hypertext transfer protocol (HTTP), hypertext markup language (HTML), virtual reality markup language (VRML), graphics interchange format (GIF), JAVA applets, etc.

Display 113 may include a conventional liquid
10 crystal display (LCD). Through display driver 111, processor 103 controls the display of text and graphics on display 113 in a predetermined format. User interface 115 may comprise conventional audio circuitry including a microphone and speaker for the user to communicate with
15 arrangement 100 via audio media. User interface 115 may also comprise an indicator device, e.g., a mouse, touchpad, roller ball, or a combination thereof, which enables a user to move a cursor on display 113 and to, e.g., point and click at a displayed option or an icon to
20 select same. In addition, interface 115 may incorporate well-known touch-screen circuitry (not shown). With this circuitry, the user can interact with processor 103, e.g., using a finger or a stylus to touch the surface of display 113 which is tactile-sensitive. Processor 103
25 receives from the touch screen circuitry a signal identifying the location on display 113 where it has been touched. If such a location matches the predetermined location of one of displayed options or icons, processor 103 determines that the option or icon has been selected.
30 Otherwise, a cursor is placed at the touched location on display 113, prompting for an input from the user.

The user input may be realized using a virtual keyboard shown on display 113 also provided by the touch-screen circuitry. In a well known manner, characters are
35 input by touching the corresponding keys on the virtual

keyboard. Alternatively, processor 103 may be programmed to recognize handwritten characters, and may receive through the touch-screen circuitry images of characters drawn by the user on display 113. Any recognized
5 characters corresponding to the drawn images then become the user input. Still alternatively, through one of external interfaces 117, arrangement 100 can be connected to a keyboard device or a personal computer (PC) having a keyboard for user input.

10 However, we have recognized that the traditional ways of inputting data to a hand-held device are inefficient. For example, user input by drawn images of characters is often susceptible to inaccurate character recognition by the device, thus requiring
15 repeated input of the same characters, which is frustrating. Limited by the size of a display in a hand-held device, a virtual keyboard does not afford much room to each character key thereon. As a result, data entry using the virtual keyboard is also error prone.

20 Inputting data to a hand-held device using a physical keyboard connected thereto is undesirable because of the bulkiness of the keyboard, which defeats the purpose of having the hand-held device for its easy transportability in the first place.

25 However, navigator arrangement 100 is designed pursuant to an object to minimize data entry by the user. To the extent possible, databases in arrangement 100 are pre-populated with data, which the user may edit to satisfy his/her needs. In addition, arrangement 100
30 allows for downloading of data from a remote source to supplement and update the databases in arrangement 100, and to provide thereto just-in-time information, including, e.g., latest traffic, weather, map and other information. To that end, transceiver 121 in
35 communication unit 120 includes, e.g., cellular telephone

circuitry for transmitting and receiving information via a wireless communications network, e.g., the well known advanced mobile phone service (AMPS) network, digital AMPS network, personal communications service (PCS) network, global system for mobile communications (GSM) network, etc. Modem 123 is used for modulating and demodulating carriers carrying the information through data channels, e.g., cellular digital packet data (CDPD) channels, in the wireless communications network.

Traditionally, a navigation device, e.g., a GPS navigation system used in an automobile, provides a user with directions to a given destination. The navigation typically provides the shortest navigated route in terms of distance to the given destination. However, we have expanded the concept of the traditional navigation to broadly include providing a navigated route subject to user preferences, together with information concerning facilities and events surrounding the navigated route for the user's convenience. The navigated route is selected to satisfy a trip's purpose. Such a trip's purpose may be (1) to reach a given destination as in prior art, and/or (2) to perform certain tasks enroute or at the destination, which may include purchasing business supplies, shopping for gifts, dining, obtaining entertainments, etc. To realize (2), navigator arrangement 100 in accordance with the invention allows for storage of user profiles including user preferences such as preferred types of restaurants, shops, entertainments, etc.

In accordance with an aspect of the invention, each user profile corresponds to one of the user's personae. For example, the user business profile corresponding to the user's business persona may be different from the user personal profile corresponding to his/her personal persona. For instance, the user

business profile may include fine-dining type restaurants for business meetings while the user personal profile may instead include fast-food type restaurants for personal dining. Other profiles may include a vacation profile
5 which corresponds to the user's vacation persona and may include a different set of preferred restaurants, shops, entertainments, etc.

In accordance with another aspect of the invention, the user can adopt a second person's profile
10 for a certain trip's purpose, thereby temporarily assuming the second person's persona, especially when arrangement 100 is shared by more than one person. For example, where a husband and wife share the use of arrangement 100, the husband may utilize the wife's
15 profile in arrangement 100 to shop for a gift for the wife's birthday. Based on the profile corresponding to the wife's personal persona, arrangement 100 provides a navigated route, together with information concerning the wife's personal favorite shops surrounding the route. Of
20 course, each user's profiles may be protected against uninvited intruders. In that case, access to the profiles may require verification of a personal identification number (PIN) or password, or other well known secure access measures. Profiles may also be
25 imported or downloaded into arrangement 100 from an external source or from another arrangement similar to arrangement 100.

Thus, in accordance with the invention, arrangement 100 provides a navigated route, together with
30 information concerning the favorite facilities and events surrounding the navigated route, which satisfy the preferences in a selected user profile. In this instance, such information comes from an external source, e.g., a server connected to the Internet, and is
35 communicated to arrangement 100 through communication

unit 120.

In accordance with another aspect of the invention, the actual navigated route selected by arrangement 100 may depend on the mode of transportation specified by the user. For example, driving and walking are two different modes of transportation. The selected route for driving may be very different from that for walking, even though they may accomplish the same trip's purpose. The routes from which arrangement 100 selects for driving have to be passable by an automobile, which exclude, e.g., foot bridges, and walk paths through buildings, parks, fields, forests, etc. On the other hand, the routes from which arrangement 100 selects for walking have to be safe to pedestrians, which exclude, e.g., highways, freeways, etc.

In accordance with yet another aspect of the invention, the actual route selected by arrangement 100 may also depend on external conditions, e.g., traffic, weather and road conditions. Thus, based on the information concerning such external conditions received from, say, a server via the Internet, arrangement 100 selects the most time-efficient route, e.g., one that requires the least travel time, to accomplish the trip's purpose despite any adverse traffic, weather and road conditions.

In accordance with still yet another aspect of the invention, a user may prescribe one or more roadblocks specifying certain prohibited areas or paths from which the route selected by arrangement 100 deviates. For example, it may be sensible to place roadblocks around high crime areas especially when the user is new in town and unfamiliar with those areas. A roadblock may be permanent or temporary. For example, a temporary roadblock may be placed on certain streets where a parade is held which lasts for several hours.

Similar to a roadblock, a blockade may be imposed to block transmission of certain information to arrangement 100 which concerns, e.g., uninteresting facilities or events.

5 When a user initially utilizes arrangement 100 for navigation in accordance with the invention, the navigator browser in arrangement 100 opens a REGISTRATION page on display 113. Fig. 2 illustrates such a REGISTRATION page where the user is prompted for entering
10 his/her personal data, e.g., his/her name, age, sex, marital status, occupation, city, education, religion and number of children.

 After the entry of the personal data, the navigator browser opens a PROFILE SETTING page on display
15 113. Fig. 3 illustrates such a PROFILE SETTING page for the user to set up a profile corresponding to one of his/her personae. The user here is afforded a choice of "business", "personal" and "vacation" personae in box 203. By way of example, the user in this instance wants
20 to set up a "personal" profile which includes preferences of the user while on personal travel (as opposed to business travel or vacation travel). Thus, the user may use a stylus to touch the "personal" option (as opposed to the "business" or "vacation" option) in box 203 on
25 display 113 to select the option.

 In addition, the user is prompted to select preferences in different categories to be included in his/her personal profile. For example, these categories may comprise MUSIC category 205, ENTERTAINMENT category
30 207, SHOPPING category 209, RECREATION category 211, SPORTS category 213, RESTAURANTS category 215 and SERVICES category 217. In this instance, the user selects COUNTRY option 231, and JAZZ option 235 in MUSIC category 205 for his/her music preferences. Similarly,
35 the user may also select any options in other categories

for inclusion in his/her personal profile. Each selected option is illustratively indicated by a check mark at the option. Other profiles such as a business profile and vacation profile may be similarly set up.

5 Continuing the above example, after setting up his/her personal profile, the user selects SUBMIT option 241. In response, processor 103 in Fig. 1 obtains from GPS receiver 119 data concerning the GPS coordinates of the current location of arrangement 100. Based on the
10 signals from a constellation of satellites which form part of the GPS, receiver 119 in a well known manner determines the GPS coordinates in question. Processor 103 then creates a record associated with the user. Fig. 4 illustrates the format of such a record (denoted 400)
15 created by processor 103 in memory 108. Record 400 comprises section 503 containing the aforementioned personal data including, among others, the user's name which identifies record 400. Section 505 contains any business profile set up by the user. Section 507 in this
20 instance contains the personal profile described above. Section 509 contains any vacation profile set up by the user. Section 511 contains the aforementioned GPS data indicating the current location of arrangement 100. Section 513 contains map and related information, based
25 on which processor 103 is capable of generating maps which correspond to different modes of transportation, e.g., by automobile, on foot or by rail. Such map and related information also includes identities of facilities and events, and the GPS coordinates
30 identifying the locations of such facilities and events on the maps. Section 515 contains business favorites which are determined based on the personal data in section 503, business profile in section 505 and GPS data in section 511. Similarly, section 517 contains personal
35 favorites which are determined based on the personal data

in section 503, personal profile in section 507 and GPS data in section 511; and section 519 contains vacation favorites which are determined based on the personal data in section 503, vacation profile in section 509 and GPS data in section 511. It should be noted at this point that the information in sections 513, 515, 517 and 519 is provided by a navigation server connected to the Internet.

Continuing the above example, processor 103 in this instance causes the navigator browser in arrangement 100 to generate a request to the navigation server for the map and related information in section 513 and personal favorites in section 517. This request contains the personal data in section 503, personal profile in section 507, GPS data in section 511, a pre-assigned Internet protocol (IP) address for identifying the browser as the request originator, and a predetermined uniform resource locator (URL) identifying the navigation server on the Internet. It should be noted that the GPS data in section 511 is refreshed continually and in particular each time immediately before a request is sent to the navigation server to reflect the most current location of arrangement 100. The request is formatted in accordance with the requisite protocols including the well known transmission control protocol/Internet protocol (TCP/IP) in this instance.

Referring to Fig. 5, processor 103 causes communication unit 120 in navigator arrangement 100 to establish a dial-up connection through wireless communications network 613 to access server 622 maintained by an Internet service provider (ISP). The aforementioned request is then transmitted to access server 622 through the established connection. Upon receipt of the request, based on the URL therein, access server 622 routes the request to navigation server 630

identified by the URL. It should be noted at this point that server 622 may not be the only access server on the Internet serving arrangement 100 and the like. It will be appreciated that more access servers similar to server
5 622 are geographically distributed for effective communications with arrangement 100 and the like.

Navigation server 630 which may be a host computer provides the navigation service in accordance with the invention. Among other things, server 630
10 receives data from different sources and maintains numerous databases therein including a map database, a weather database, a traffic database, a road-condition database, a subscriber database, a non-subscriber database, etc.

The map database provides data concerning maps
15 covering various geographic areas. Each map includes layers corresponding to different modes of transportation. For example, a first map layer corresponds to travel by automobile; a second map layer
20 corresponds to travel on foot; a third map layer corresponds to travel by rail; etc. The map layers can be combined to facilitate travel by more than one mode of transportation. Buildings, locations, streets, roadways and the like in the map layers are defined and identified
25 in the database by their GPS coordinates.

The weather database contains data concerning weather conditions in various geographic areas, which is collected and updated by server 630 from time to time using such systems as the United States satellite
30 systems, Delta radars, local area radars, etc. The data concerning the weather conditions is stored in the weather database according to the GPS coordinates defining the areas affected by the weather conditions, respectively. As such, each weather condition is readily
35 mapped to the area defined by the corresponding GPS

coordinates in the map layers.

Similarly, the traffic and road-condition databases each contain data concerning traffic and road conditions, which is updated and derived by server 630 from official traffic and road-condition reports furnished by local departments of transportation, and from data provided by well known radar systems such as line-of-sight radars, and Doppler radars each with terrain following capabilities, to sense surrounding traffic and road conditions. The data concerning the traffic conditions (road conditions) is stored in the traffic (road-condition) database according to the GPS coordinates defining the areas affected by the traffic conditions (road conditions), respectively. As such, each traffic condition (road condition) is readily mapped to the area defined by the corresponding GPS coordinates in the map layers.

The subscriber database in server 630 contains data concerning commercial facilities and events, e.g., department stores, gas stations, concerts, etc., which subscribe to the navigation service. With payment of a subscription fee, the subscribers may appear in the map layers for promotional purposes. The identities of the subscribers are stored in the subscriber database according to the GPS coordinates of the locations of such subscribers, along with other information concerning their address, contact phone number, web URL, business hours, advertisement, promotion, directory, etc.

The non-subscriber database in server 630 contains data concerning public facilities (e.g., parks, hospitals and rest stops) and civic and charity events which are selected to appear in the map layer without payment of a subscription fee. The identities of such non-subscribers are stored in the non-subscriber database according to the GPS coordinates of their locations,

along with other information concerning their address, contact phone number, web URL, charity or civic functions, etc.

Continuing the above example, upon receiving
5 the request from arrangement 100, based on the personal data, personal profile and GPS data therein, server 630 determines the user's personal favorites as requested, e.g., favorite personal facilities and events, within a limited navigation coverage, e.g., defined by a
10 predetermined radius from the GPS coordinates identified by the GPS data. Such favorite facilities and events may be selected from the above-described subscriber and non-subscriber databases. In addition, based on the map, weather, traffic, road-condition, subscriber and non-
15 subscriber databases, server 630 provides the requested map and related information, which concerns (i) the map layers affording the limited navigation coverage, (ii) the weather, traffic and road conditions relevant to the coverage, (iii) the subscribers and non-subscribers
20 appear in the coverage, and (iv) a time stamp indicating when the map and related information is provided. Since even with the same navigation coverage, the weather, traffic and road conditions in (ii) vary with time. As such, the map and related information is time-sensitive
25 and thus includes the time stamp in (iv) to ensure its just-in-time provision.

Server 630 then transmits a response which contains (a) the IP address of the navigator browser in arrangement 100 to which the response is destined, (b)
30 the personal favorite facilities and events just determined, and the GPS coordinates thereof, and (c) the map and related information, in accordance with the predetermined protocols. Upon receiving the response, processor 103 in arrangement 100 causes the received (b)
35 and (c) to be stored in sections 517 and 513 of record

400, respectively.

When the content of section 517 is modified, as is in this case, the resulting list of personal favorites is automatically displayed for the user's review. Fig. 6 illustrates such a personal favorite list (denoted 651) shown on display 113 which includes, e.g., "Home Depot," "Wells Fargo," "Vons," "Chevron," "Jack in the Box,"

It should be noted at this point that the personal favorites selected by server 630 may vary with the GPS data identifying the current location of arrangement 100, even though the personal data and personal profile remain the same. This stems from the fact that the selected favorite facilities and events may be limited to certain areas. When such facilities or events are outside the current navigation coverage, they are either eliminated or substituted by server 630 with similar facilities or events, in accordance with predetermined program instructions in server 630. For example, "Jack in the Box" which is a popular fast food restaurant in California but unavailable in New York may be substituted with "Wendy's" when the navigation coverage includes New York. In addition, server 630 may add to the personal favorite list those facilities and events which satisfy the personal data and personal profile, and which would otherwise be unavailable had it not been the current navigation coverage.

Advantageously, when a user travels from one navigation coverage to another, based on the same personal data and personal profile and the current personal favorite list, server 630 can "clone" personal favorite lists which correspond to different navigation coverages. Similarly, server 630 can clone business favorite lists corresponding to different navigation coverages based on the same personal data and business profile and the current business favorite list, and

vacation favorite lists corresponding to different navigation coverages based on the same personal data and vacation profile and the current vacation favorite list. Thus, with arrangement 100, the user's lifestyle is
5 maintained as much as possible despite traveling from place to place.

List 651 in Fig. 6 tends to be overinclusive. The user is afforded EDIT option 653 to modify the list to satisfy his/her needs. For example, to delete an item
10 in list 651, the item is selected, followed by a selection of EDIT option 653. Processor 103 overwrites the content of section 517 of record 400 with the resulting list of personal favorites.

As mentioned before, the user may sometimes
15 want to adopt another person's profile for a certain trip's purpose, e.g., buying a gift for that person. Thus, the user is also afforded preset profiles in arrangement 100, from which the user may select. Such preset profiles may be accessed by selecting PRESET
20 PROFILE option 239 on the PROFILE SETTING page of Fig. 3. Fig. 7 illustrates preset Profiles 1 through 6 corresponding to profiles of a typical "Man," "Woman," "Business Man," "Business Woman," "Senior Citizen," and "Teenager." For example, the user may be a female and
25 want to buy a gift for a man in a business setting. In that case, the user may want to view the preferences in Profile 3 of a business man using VIEW option 703, and may select such a profile using SELECT option 705, thereby assuming a man's business persona. After such a
30 selection, a list of favorites corresponding to Profile 3 would be downloaded from navigation server 630 for the user's review in a manner described above. The user may then get a gift idea from the favorite list, and request arrangement 100 to navigate her to a selected favorite
35 facility to buy the gift.

It should be noted that the user may also start with one or more of preset profiles in Fig. 7, which the user may edit to become his/her business, personal and/or vacation profile described above.

5 Referring back to Fig. 6, after the business, personal and/or vacation favorite list is established, the user may select NAVIGATE option 657 for navigation by arrangement 100 in accordance with the invention. Upon such a selection by the user, the navigator browser in
10 arrangement 100 opens a NAVIGATION page on display 113. Fig. 8 illustrates the NAVIGATION page where the user is prompted to select the mode of transportation (e.g., "By Automobile," "On Foot," or "By Rail" in box 803), and the list of favorites (e.g., "Personal," "Business" or
15 "Vacation" favorites in box 807) used during the current navigation episode.

By way of example, the user in this instance is on a personal road trip and thus selects "By Automobile" as the mode of transportation, and "Personal" as the
20 favorite list used. In response, the navigator browser opens a DIRECTIONS page on display 113. Fig. 9 illustrates such a DIRECTIONS page where the user is prompted to enter an origination address at query 903, where the navigation starts. In this instance, the user
25 adopts the default response to query 903 which is the location identified by the GPS data in section 511 of record 400. Otherwise, the user may enter a different origination address. The user is also prompted to enter a destination address at query 905. The user in this
30 instance enters a home address as the destination address. To avoid re-entering the same address in the future, the user may select LOCATIONS option 910 to save the address. In that case, the user is prompted to assign an icon, e.g., icon 915, and a designation, e.g.,
35 "HOME," to the home address. Thus, in the future, the

user may select icon 915 in location box 907 to retrieve the corresponding home address in response to query 903 or 905. Similarly, in location box 907 icon 909 corresponds to a previously saved address of a delicatessen; and icon 911 corresponds to a previously saved address of a fitness center.

Alternatively, addresses in locations box 907 may be saved by clicking at icons elsewhere and duplicating same in box 907. For example, icon 913 in location box 907 corresponding to a Wells Fargo bank address results from clicking at icon 1103e in favorites box 1103 (described below with Fig. 11) and duplicating same in box 907.

After learning the origination address and destination address responsive to queries 903 and 905, respectively, processor 103 analyzes the map and related information stored in section 513 of record 400. Specifically, processor 103 determines whether the navigation coverage based on the map layer corresponding to automobile travel in this instance, includes the origination and destination addresses, and whether the stored map and related information is fresh, as indicated at step 1003 in Fig. 10. If the navigation coverage includes the origination and destination addresses in question, and the period elapsed from the time stamp of the stored map and related information does not exceed a predetermined period (i.e., the stored map and related information is fresh), based on such map and related information, processor 103 at step 1006 selects the route from the origination address to the destination address which is the most time-efficient, i.e., fastest by automobile in this instance, taking into account the relevant weather, traffic, and road conditions along the selected route, together with any roadblocks set up by the user in a manner to be described. Such a selection

process is achieved by analyzing the portion of the map and related information concerning the weather, traffic and road conditions and roadblocks in the navigation coverage, and involves predictions concerning the effects of such conditions on the automobile travel along the selected route at different points in time. At step 1009, processor 103 causes turn-by-turn instructions concerning the selected route to be shown on the DIRECTIONS page.

10 Otherwise, if the stored map and related information does not cover the origination and/or destination address in question, and/or if the map and related information is not fresh, processor 103 at step 1013 establishes a communication connection to navigation server 630. At step 1016, processor 103 causes a transmission of a request for fresh map and related information for an appropriate navigation coverage through the established connection. This request contains, among other things, the personal favorites in section 517, personal data in section 503 and personal profile in section 507 of record 400, in addition to the origination and destination address information. In response to such a request, navigation server 630 prepares new map and related information for the coverage from at least the origination address to the destination address. In addition, based on the new map and related information, the received personal favorite list, personal data and personal profile, server 630 "clones" a personal favorite list from the received list. As discussed before, this cloned list may be different from the received list to reflect any geographic differences between the previous and current navigation coverages. At step 1019, processor 103 receives from server 630 the new map and related information and cloned personal favorite list. Processor 103 at step 1021 stores them in

sections 513 and 517 of record 400, respectively. Again, the user is afforded a chance to edit the cloned personal favorite list in a manner described before. Processor 103 then proceeds to step 1006 described above.

5 Referring back to Fig. 9, the user in this instance may rely on turn-by-turn instructions 917 to reach home by automobile. If arrangement 100 is "docked" or connected to the aforementioned automobile system, the turn-by-turn instructions would be communicated by the
10 automobile system via audio media to the user when the automobile traversing the navigated route approaches each turn.

In addition, the user is afforded VIEW option 919 to view an image of a map including the navigated
15 route. Upon selection of option 919, the navigator browser opens a MAP VIEWER page on display 113. Fig. 11 illustrates such a MAP VIEWER page including map 1101 which corresponds to automobile travel. Map 1101 is also derived from the map and related information currently
20 stored in section 513 of record 400. The navigated route (denoted 1102) for which instructions 917 are given is highlighted on the MAP VIEWER page, with preselected icon 1107 indicating the origination address previously entered, and icon 915 described above indicating the
25 destination address previously entered.

In addition, favorites box 1103 on the MAP VIEWER page lists the personal favorites currently stored in section 517 of record 400. The icons which are associated with such personal favorites are populated on
30 map 1101 to indicate the locations of such personal favorites. For example, icon 1103a in box 1103 associated with the personal favorite "Chevron" is also shown on map 1101 to indicate its location thereon. Icon 1103b in box 1103 associated with "Vons" is also shown on
35 map 1101 to indicate its location thereon. Icon 1103c in

box 1103 associated with "Comp USA" is also shown on map 1101 to indicate its location thereon. Icon 1103d in box 1103 associated with "Kmart" is also shown on map 1101 to indicate its location thereon. Icon 1103e in box 1103
5 associated with "Wells Fargo" is also shown on map 1101 to indicate its location thereon.

Scene box 1105 lists "scenic" facilities and events which may serve as landmarks along the navigated route, as the icons associated with such scenic
10 facilities and events are also populated on map 1101. Some scenic facilities and events may be important to the user such as a rest stop indicated by icon 1105a, or "McDonald's" indicated by icon 1105b in case the user is hungry when traveling along the navigated route which is
15 not close to any of his/her favorite restaurants in this instance. Some scenic facilities and events may be of marginal interest to the user such as the "Charity Walkathon" indicated by icon 1105c. If indeed the user decides to adopt any scenic facility or event as one of
20 his/her favorites, the user may use an indicator device to click at the icon associated with the scenic facility or event in either box 1105 or map 1101 and drag same into box 1103. For example, if after trying McDonald's Restaurant indicated by icon 1105b, the user decides to
25 add the restaurant to his/her favorite list, he/she may then click at icon 1105b in either box 1105 or map 1101 and drag same into box 1103 to effect such an addition.

In this instance, the user is afforded PHONE option 1109 to contact personnel of any listed facilities
30 or events by phone. For example, a selection by the user of icon 1105b, followed by a selection of telephone option 1109, causes processor 103 to look up, from the map and related information stored in section 513 of record 400, the phone number of McDonald's Restaurant
35 associated with icon 1105b. Processor 103 then causes

transceiver 121 to place a voice call to McDonald's Restaurant using the phone number just looked up. Accordingly, the user may talk to the personnel of the restaurant over the phone connection.

5 Alternatively, the user is afforded INFO option 1111 to obtain further information regarding any listed facilities or events. For example, a selection by the user of icon 1105b, followed by a selection of INFO option 1111, causes processor 103 to access the stored
10 map and related information in section 513 for video and sound clips, graphics and textual information concerning McDonald's restaurant associated therewith. In this instance, the processor 103 causes user interface 115 to announce, "Welcome to McDonald's," and/or the navigator
15 browser to play a commercial of McDonald's Restaurant based on the video and sound clips. The navigator browser then opens a MCDONALD'S RESTAURANT page on display 113.

 Fig. 12 illustrates the MCDONALD'S RESTAURANT
20 page containing directions to McDonald's Restaurant associated with icon 1105b, and information concerning the restaurant service hours, phone number, facility, any promotion, etc. NAVIGATE key 1205, BACK key 1209, RESTAURANT WEBSITE key 1213 and RESTAURANT MENU key 1215
25 are also provided on the RESTAURANT page. A selection of NAVIGATE key 1205 causes processor 103 to provide the user with a DIRECTIONS page similar to Fig. 9 described before, including turn-by-turn instructions to the restaurant.

30 A selection of BACK key 1209 enables the user to return to the previous page, i.e., the MAP VIEWER page. Key 1213 represents a hyperlink to the website of the restaurant. Thus, a selection of key 1213 causes the navigator browser to open the restaurant home page on
35 display 113. In addition, a selection of key 1215

enables the user to access the RESTAURANT MENU page, which is illustrated in Fig. 13.

As shown in Fig. 13, the RESTAURANT MENU page enumerates types of food and beverages served in the restaurant. Each food and beverage entry may be highlighted by selecting same. The user may order ahead the highlighted food and beverages by selecting ORDER key 1305. Upon selection of key 1305, the navigator browser causes the order information to be transmitted through Internet 650 to a restaurant server at a predetermined URL for processing the order. Thus, the resulting order awaits the user's arrival at the restaurant.

Referring back to Fig. 11, the user is also afforded BLOCK option 1113, whereby the user can prevent or limit the appearance of certain subscribers and non-subscribers in navigation by arrangement 100. For example, a selection by the user of icon 1105b, followed by a selection of BLOCK option 1113, causes the navigator browser to send to server 630 a request for blocking transmission of information concerning McDonald's Restaurant to arrangement 100. Upon receiving such a request, server 630 returns to the navigator browser an INQUIRY page, which the browser then opens on display 113.

Fig. 14 illustrates such an INQUIRY page where the user is afforded a choice of a PERMANENT BLOCKADE and a TEMPORARY BLOCKADE. In this instance, a selection by the user of the PERMANENT BLOCKADE causes a permanent prevention of transmission of information concerning any McDonald's Restaurant in the world to arrangement 100. An alternative selection of the TEMPORARY BLOCKADE needs to be accompanied by a specification of a time period during which the blockade is effective. For example, the user may have grown tired of McDonald's food and thus may want to use the TEMPORARY BLOCKADE to prevent

transmission of information concerning any McDonald's Restaurant in the world to arrangement 100 for a specified period.

Any blockade choice by the user is communicated
5 by the navigator browser in arrangement 100 to server 630. The latter stores the blockade choice in a record identified by the IP address of the navigator browser. In each subsequent navigation episode, server 630 transmits to the navigator browser information concerning
10 subscribers and non-subscribers in a selective manner, reflecting any blockade choice stored in the associated record.

Similarly, the user is afforded ROADBLOCK option 1115 to preclude certain roadways or areas from
15 navigation consideration by arrangement 100 as the roadways may be hazardous for driving and the areas may have a high crime rate. For example, to set up roadblocks, after selecting ROADBLOCK option 1115, the user may use a stylus to trace any roadway or define any
20 area on display 113 to be excluded from the navigation consideration. In this instance, the user chooses to block a portion of the Ortega Highway denoted 1131 and indicated by crosses thereon, and area 1133 shown shaded in Fig. 11. In response, the navigator browser may open
25 an inquiry page similar to Fig. 14 where the user may specify whether each roadblock is a permanent blockade or temporary blockade. Processor 103 stores the user's choices of blockade and the GPS coordinates defining road portion 1131 and area 1133 in section 513 of record 400.
30 Based on such stored information, processor 103 accordingly selects routes circumventing road portion 1131 and area 1133 in navigation.

The user is also afforded DELETE option 1117 to remove certain displayed items in the MAP VIEWER page.
35 For example, a selection by the user of icon 1105b,

followed by a selection of DELETE option 1117 causes a deletion of icon 1105b from both box 1105 and map 1101, along with any information associated therewith.

5 The foregoing merely illustrates the principles of the invention. It will thus be appreciated that those skilled in the art will be able to devise numerous other arrangements which embody the principles of the invention and are thus within its spirit and scope.

10 For example, navigator arrangement 100 is disclosed herein in a form in which various functions are performed by discrete functional blocks. However, any one or more of these functions could equally well be embodied in an arrangement in which the functions of any one or more of those blocks or indeed, all of the
15 functions thereof, are realized, for example, by one or more appropriately programmed processors.

Claims

1. Navigation apparatus comprising:

a memory for storing at least one profile, the at least one profile including preferences;

5 a device for providing data identifying a location of the apparatus, favorites being determined based on the data and the preferences in the at least one profile;

an interface for receiving a navigation request; and

10 a processor responsive to the navigation request for providing navigation information which includes information concerning at least one of the favorites.

2. The apparatus of claim 1 wherein the at least one profile includes a personal profile which contains preferences relating to personal activities.

15 3. The apparatus of claim 1 wherein the at least one profile includes a business profile which contains preferences relating to business activities.

20 4. The apparatus of claim 1 wherein the at least one profile includes a vacation profile which contains preferences relating to vacation activities.

5. The apparatus of claim 1 wherein the at least one profile includes a preset profile which allows for editing.

25 6. The apparatus of claim 1 wherein the favorites concern selected facilities.

7. The apparatus of claim 6 wherein the selected facilities include selected restaurants.

8. The apparatus of claim 1 wherein the favorites concern selected events.

9. The apparatus of claim 1 wherein the navigation information also includes information concerning a navigated route and a geographic relation of the at least one of the favorites to the navigated route.

10. The apparatus of claim 1 wherein the data includes global positioning system (GPS) based data.

11. The apparatus of claim 1 comprising a hand-held device.

12. Navigation apparatus comprising:
a device for providing data concerning a location of the apparatus;
an interface for selecting a mode of transportation;
and
a processor for providing map related information based on the data and a selected mode of transportation.

13. The apparatus of claim 12 wherein the selected mode of transportation includes walking.

14. The apparatus of claim 12 wherein the selected mode of transportation includes transportation by vehicle.

15. The apparatus of claim 12 wherein the selected mode of transportation includes public transportation.

16. The apparatus of claim 12 wherein the map related information includes information concerning traffic conditions.

17. The apparatus of claim 12 wherein the map related information includes information concerning road conditions.

5 18. The apparatus of claim 12 wherein the map related information includes information concerning weather conditions.

19. The apparatus of claim 12 wherein the map related information is organized according to GPS coordinates.

10 20. Apparatus for receiving a navigation request comprising:

a memory for storing at least one profile including preferences;

15 a device for providing data indicating a location of the apparatus,

an interface for providing navigation information, the navigation information including a set of favorites which is identified based on the preferences and the location of the apparatus; and

20 a processor responsive to the navigation request for determining based on the data whether the location of the apparatus is outside a predetermined range of a current location of the apparatus, the interface providing navigation information which includes a second set of
25 favorites when it is determined that the location of the apparatus is outside the predetermined range of the current location of the apparatus, the second set of favorites being identified based on the preferences and the current location of the apparatus.

30 21. Navigation apparatus comprising:

a first interface for receiving a request for map

related information concerning an area;

a second interface responsive to the request for providing the map related information, the map related information including data concerning at least one of facilities and events in the area, the data being
5 received from an external source; and

a processor for providing an option to avoid receipt of data concerning the at least one of the facilities and events.

10 22. The apparatus of claim 21 wherein the option includes an option to avoid the receipt of the data within a selected period.

23. Navigation apparatus comprising:

a first interface for receiving a request for a
15 route to a destination;

a second interface for defining at least one area to be avoided; and

a processor for planning the route, which avoids the at least one area, the processor causing an output of
20 information concerning the planned route.

24. The apparatus of claim 23 wherein a period during which the at least one area is to be avoided is also defined.

25. A system serving a device for providing navigation information comprising:

a first interface for receiving a request from the device, the request including at least one profile, and data concerning a location of the device, the profile comprising preferences;

30 a processor responsive to the request for identifying favorites based on the data and the

preferences in the at least one profile; and
a second interface for providing the favorites to the device for incorporation of the favorites into the navigation information.

5 26. The system of claim 25 wherein the request is received through a communications network.

 27. The system of claim 26 wherein the communications network includes an Internet.

10 28. A method for use in a navigation apparatus, the method comprising:

 storing at least one profile, the at least one profile including preferences;

 providing data identifying a location of the apparatus;

15 determining favorites based on the data and the preferences in the at least one profile;

 receiving a navigation request; and

 in response to the navigation request, providing navigation information which includes information
20 concerning at least one of the favorites.

 29. The method of claim 28 wherein the at least one profile includes a personal profile which contains preferences relating to personal activities.

25 30. The method of claim 28 wherein the at least one profile includes a business profile which contains preferences relating to business activities.

 31. The method of claim 28 wherein the at least one profile includes a vacation profile which contains preferences relating to vacation activities.

32. The method of claim 28 wherein the at least one profile includes a preset profile which allows for editing.

5 33. The method of claim 28 wherein the favorites concern selected facilities.

34. The method of claim 33 wherein the selected facilities include selected restaurants.

35. The method of claim 28 wherein the favorites concern selected events.

10 36. The method of claim 28 wherein the navigation information also includes information concerning a navigated route and a geographic relation of the at least one of the favorites to the navigated route.

15 37. The method of claim 28 wherein the data includes GPS based data.

38. A method for use in a navigation apparatus, the method comprising:

providing data concerning a location of the apparatus;

20 selecting a mode of transportation; and
providing map related information based on the data and a selected mode of transportation.

39. The method of claim 38 wherein the selected mode of transportation includes walking.

25 40. The method of claim 38 wherein the selected mode of transportation includes transportation by vehicle.

41. The method of claim 38 wherein the selected mode of transportation includes public transportation.

42. The method of claim 38 wherein the map related information includes information concerning traffic
5 conditions.

43. The method of claim 38 wherein the map related information includes information concerning road conditions.

44. The method of claim 38 wherein the map related
10 information includes information concerning weather conditions.

45. The method of claim 38 wherein the map related information is organized according to GPS coordinates.

46. A method for use in an apparatus for receiving a
15 navigation request, the method comprising:

storing at least one profile including preferences;
providing data indicating a location of the
apparatus,

providing navigation information, the navigation
20 information including a set of favorites which is identified based on the preferences and the location of the apparatus;

in responsive to the navigation request, determining
based on the data whether the location of the apparatus
25 is outside a predetermined range of a current location of the apparatus; and

providing navigation information which includes a
second set of favorites when it is determined that the
location of the apparatus is outside the predetermined
30 range of the current location of the apparatus, the

second set of favorites being identified based on the preferences and the current location of the apparatus.

47. A method for use in a navigation apparatus, the method comprising:

5 receiving a request for map related information concerning an area;

in response to the request, providing the map related information, the map related information including data concerning at least one of facilities and events in the area, the data being received from an external source; and

10 providing an option to avoid receipt of data concerning the at least one of the facilities and events.

48. The method of claim 47 wherein the option includes an option to avoid the receipt of the data within a selected period.

49. A method for use in a navigation apparatus, the method comprising:

20 receiving a request for a route to a destination; defining at least one area to be avoided; and planning the route, which avoids the at least one area; and

causing an output of information concerning the planned route.

25 50. The method of claim 49 wherein a period during which the at least one area is to be avoided is also defined.

51. A method for serving a device for providing navigation information, the method comprising:

30 receiving a request from the device, the request

including at least one profile, and data concerning a location of the device, the profile comprising preferences;

5 in response to the request, identifying favorites based on the data and the preferences in the at least one profile; and

providing the favorites to the device for incorporation of the favorites into the navigation information.

10 52. The method of claim 51 wherein the request is received through a communications network.

53. The method of claim 52 wherein the communications network includes an Internet.

TECHNIQUE FOR EFFECTIVE NAVIGATION
BASED ON USER PREFERENCES

Abstract of the Disclosure

5 In a navigation device in accordance with the
invention, user profiles may be stored and used to
navigate a user who may be driving in a vehicle, on foot,
or in other mode of transportation. Each user profile
corresponds to one of the user's personae. For example,
the user business profile corresponding to the user's
10 business persona may be different from the user personal
profile corresponding to the user's personal persona.
For instance, the user business profile may include fine-
dining type restaurants for business meetings while the
user personal profile may instead include fast-food type
15 restaurants for personal dining. The inventive
navigation device provides the user with a navigated
route, together with information concerning the favorite
facilities and events surrounding the navigated route,
which satisfy the preferences in a selected user profile.
20 In accordance with an aspect of the invention, blockages
may also be established using the device to avoid
selected areas, e.g., high crime areas, in the navigated
route, or to block transmission of selected information
concerning, e.g., uninteresting facilities and events, to
25 the inventive navigation device.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES the specification of which:

[] is attached hereto.

PCT Filed Application Entering National Stage
was described and claimed in International Application No. PCT/US00/27270 filed on October 4, 2000 and as amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) listed below:

60/160,326 filed October 19, 1999 pending.

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

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 statement may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Alex L. Yip (Reg. No. 34759)

Please address all correspondence to Alex L. Yip, Kaye Scholer LLP, 425 Park Avenue, New York, N.Y. 10022, and direct all telephone calls to Alex L. Yip at (212) 836-7363.

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Inventor's signature Michael L. Obradovich Date 4-19-01

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Full name of second joint inventor: John D. Pirtle

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES the specification of which:

[] is attached hereto.

PCT Filed Application Entering National Stage
was described and claimed in International Application No. PCT/US00/27270 filed on October 4, 2000 and as amended on _____.

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None

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Full name of third joint inventor: Steven W. Schebesch

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

60399/C685

Application Number

To Be Determined

Filing Date

Herewith - January 8, 2008

Applicant(s)

Michael L. Obradovich, et al.

Group Art Unit

3661 (Parent application)

Examiner Name

Yonel Beaulieu (Parent application)

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
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		5,335,276	08-02-1994	Thompson et al.

EXAMINER SIGNATURE

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

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(use as many sheets as necessary)

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Group Art Unit

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Examiner Name

Yonel Beaulieu (Parent application)

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EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
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	Application Number	To Be Determined
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	Applicant(s)	Michael L. Obradovich, et al.
	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

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Michael L. Obradovich, et al.

Group Art Unit

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Examiner Name

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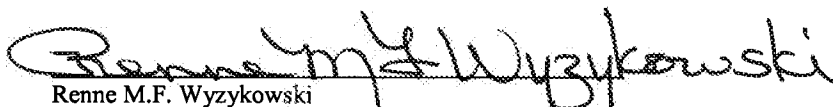
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.	

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on January 8, 2008 at or before 11:59 p.m. Pacific Time under the Rules of 37 CFR § 1.8.


Renne M.F. Wyzykowski

Applicant : Michael L. Obradovich, et al.
Application No. : To Be Determined
Filed : Herewith - January 8, 2008
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES

Grp./Div. : To Be Determined
Examiner : To Be Determined
Customer No. : 56317

Docket No. : 60399/C685

**INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)**

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

Post Office Box 7068
Pasadena, CA 91109-7068
January 8, 2008

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

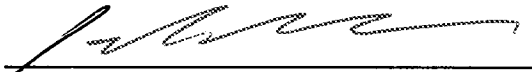
It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

The Commissioner is hereby authorized to charge any fees which may be required by this

Docket No.: 60399/C685

paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction.

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By 
Daniel M. Cavanagh
Reg. No. 41,661
626/795-9900

DMC/rmw
Enclosures: Form PTO/SB/08A/B

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	60399/C685
	Application Number	To Be Determined
	Filing Date	Herewith - January 8, 2008
	Applicant(s)	Michael L. Obradovich, et al.
	Group Art Unit	3661 (Parent application)
	Examiner Name	Yonel Beaulieu (Parent application)

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		6,035,253	03-07-2000	Hayashi et al.
		6,040,824	03-21-2000	Maekawa et al.
		6,128,624	10-03-2000	Papierniak
		US 6,266,614 B1	07-24-201	Alumbaugh
		US 6,339,744 B1	01-15-2002	Hancock et al.
		US 6,515,595 B1	02-04-2003	Obradovich et al.
		US 6,529,824 B1	03-04-2003	Obradovich et al.
		US 6,542,812 B1	04-01-2003	Obradovich et al.
		US 6,924,748 B2	08-02-2005	Obradovich et al.
		US 7,236,100 B2	06-26-2007	Obradovich et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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

1/8

FIG. 1

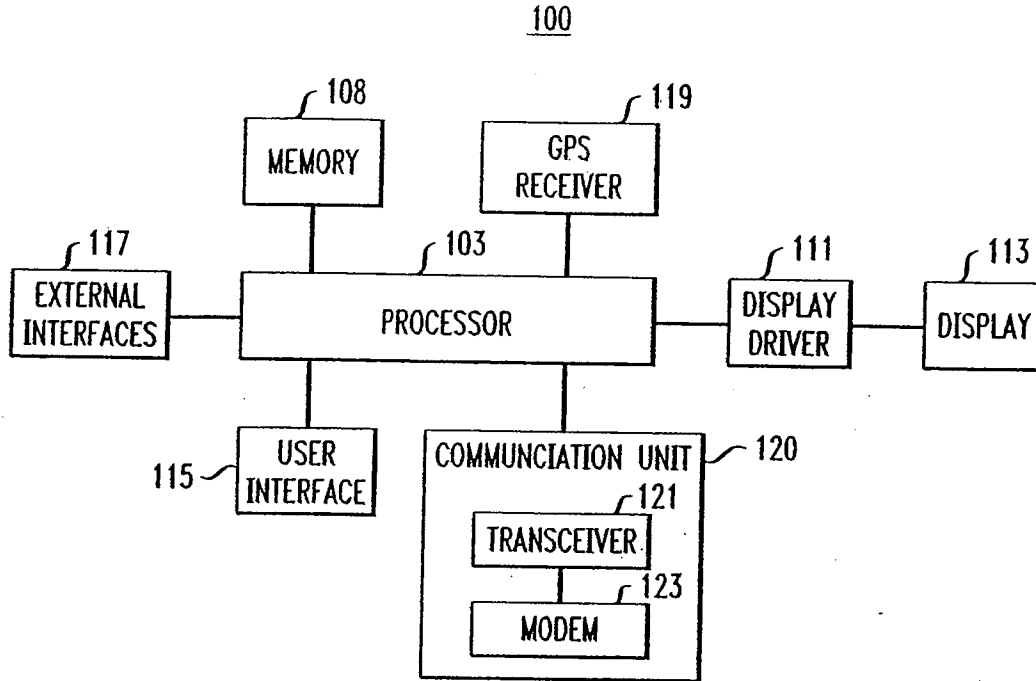


FIG. 2

113

REGISTRATION	
NAME	STEVE
AGE	33
SEX	MALE
MARITAL STATUS	SINGLE
OCCUPATION	GRAPHIC ARTIST
CITY	ALISO VIEJO
EDUCATION	COLLEGE DIPLOMA
RELIGION	NONE
CHILDREN	NONE

113

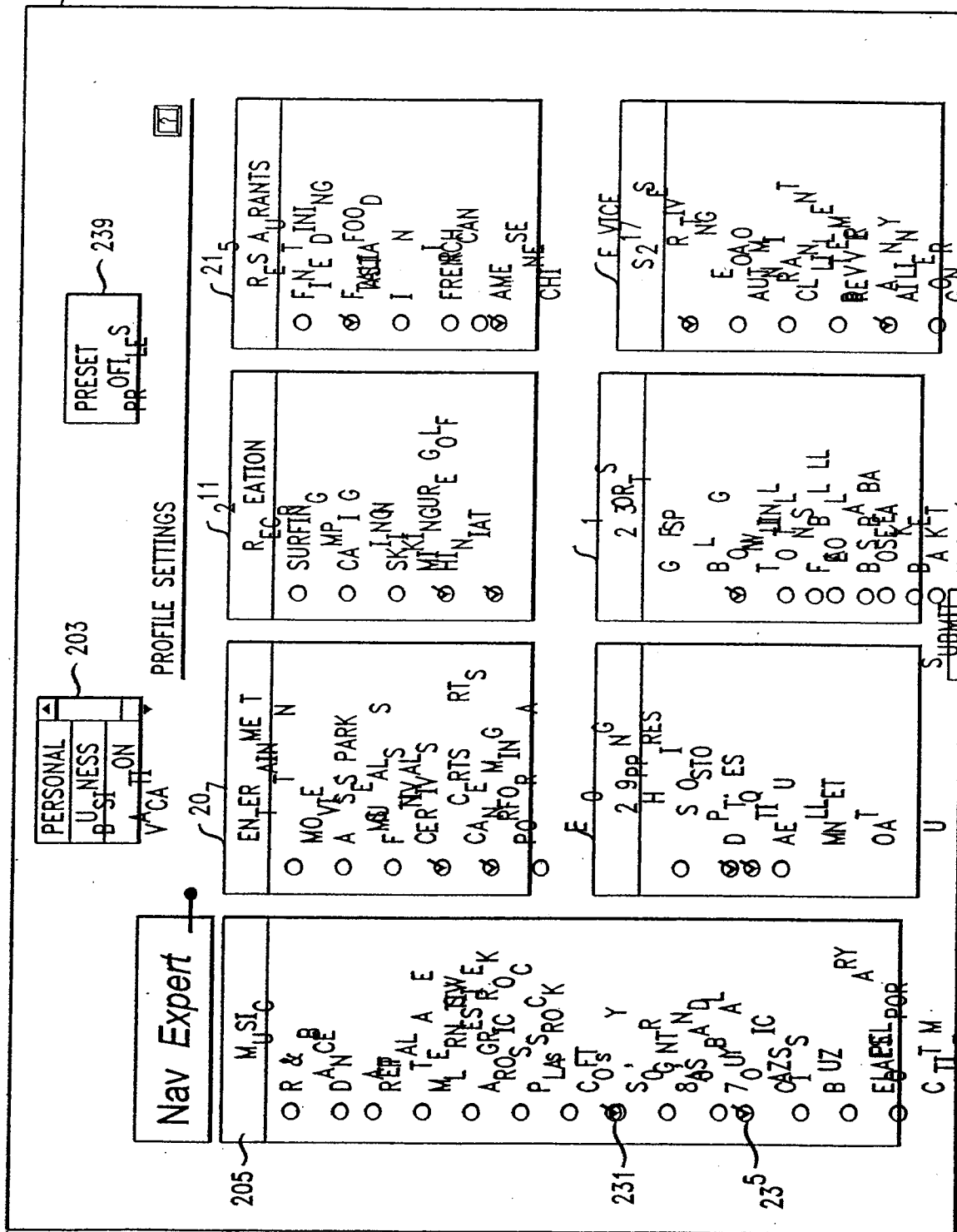


FIG. 3

FIG. 4

400

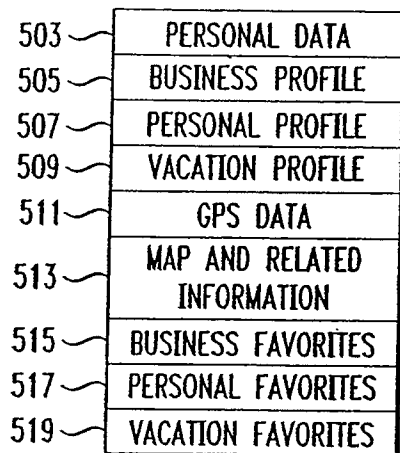
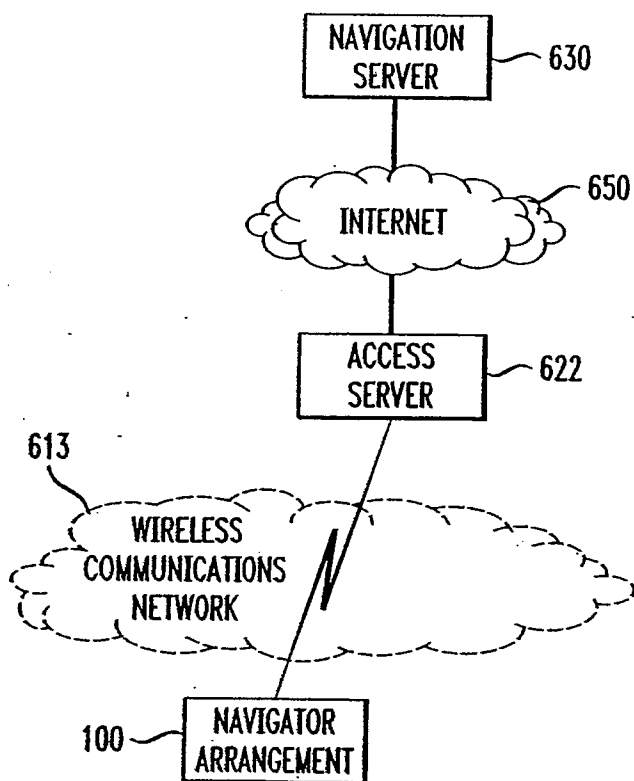


FIG. 5



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FIG. 6

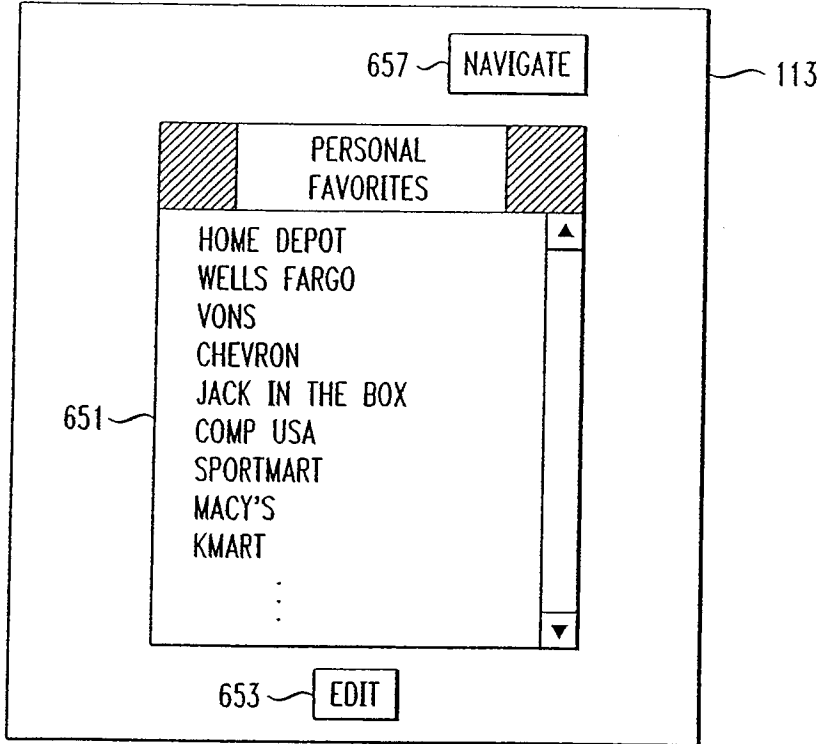
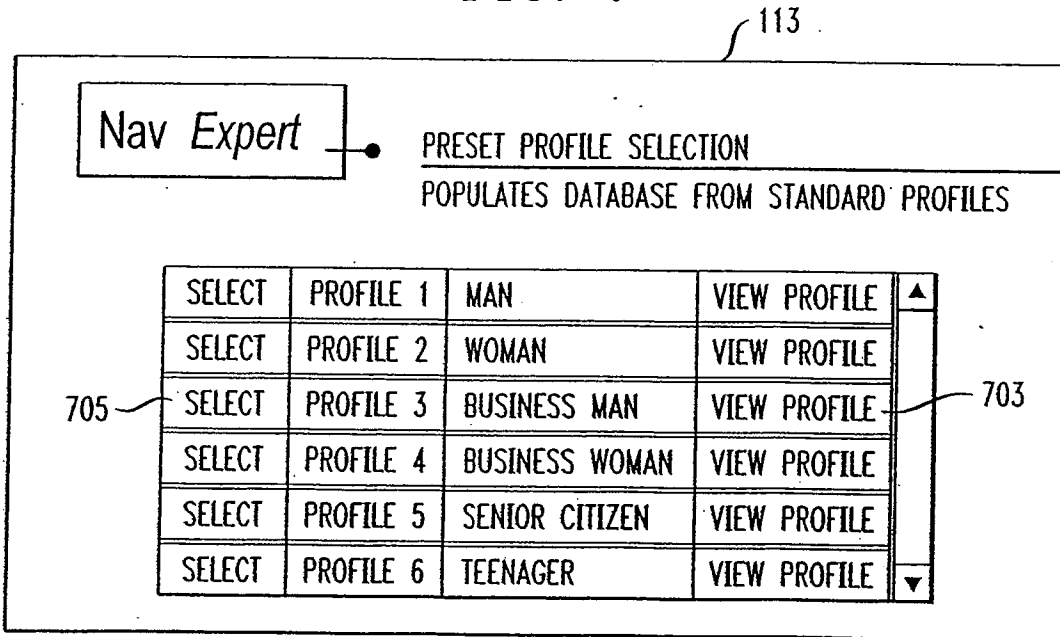


FIG. 7



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 FIG. 8

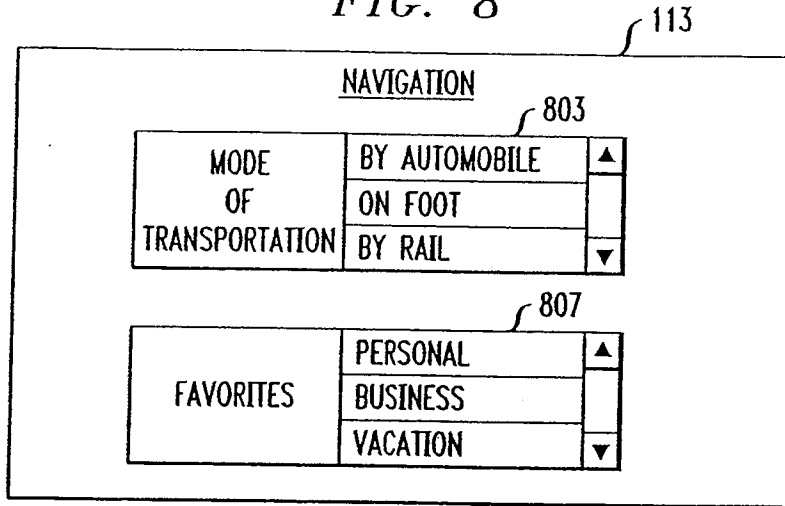


FIG. 10

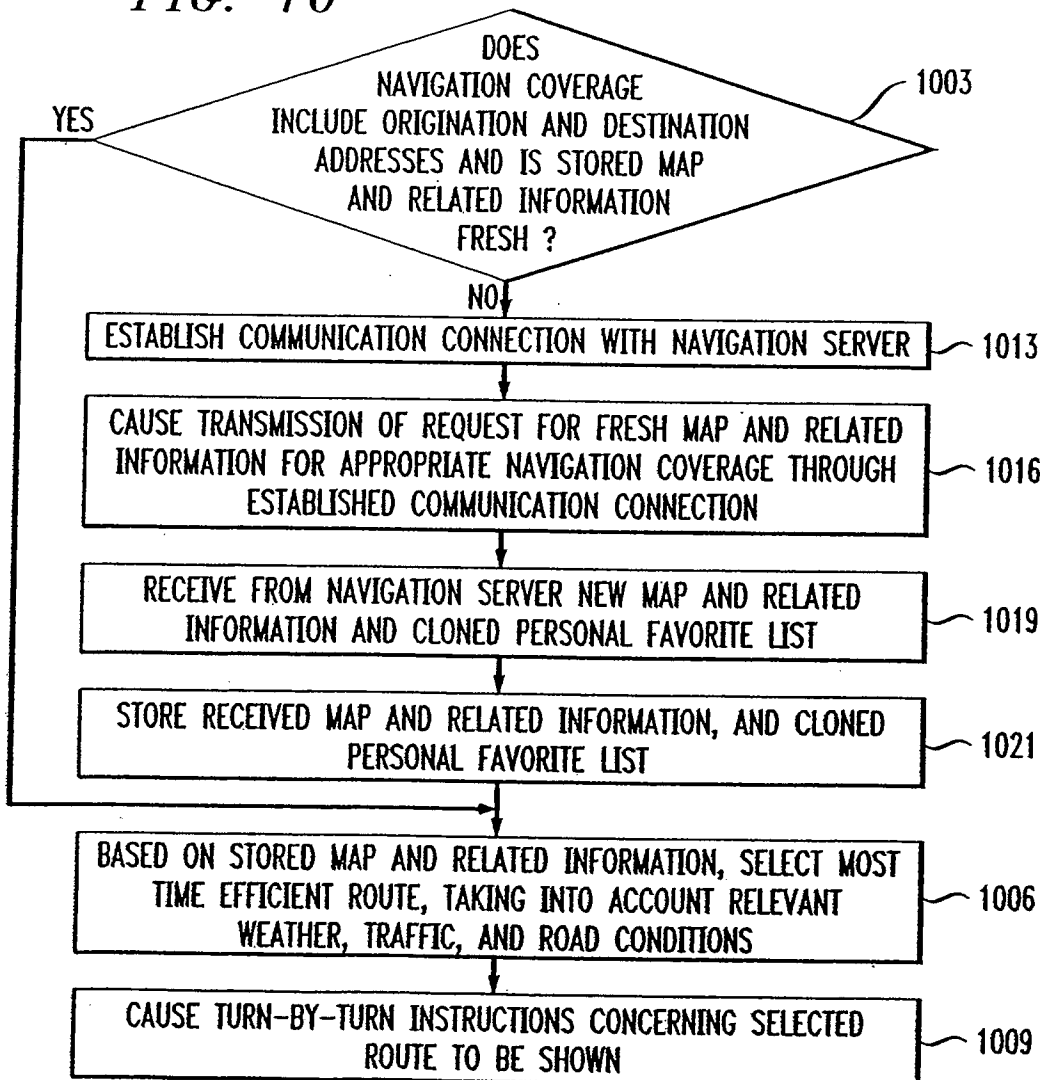


FIG. 9

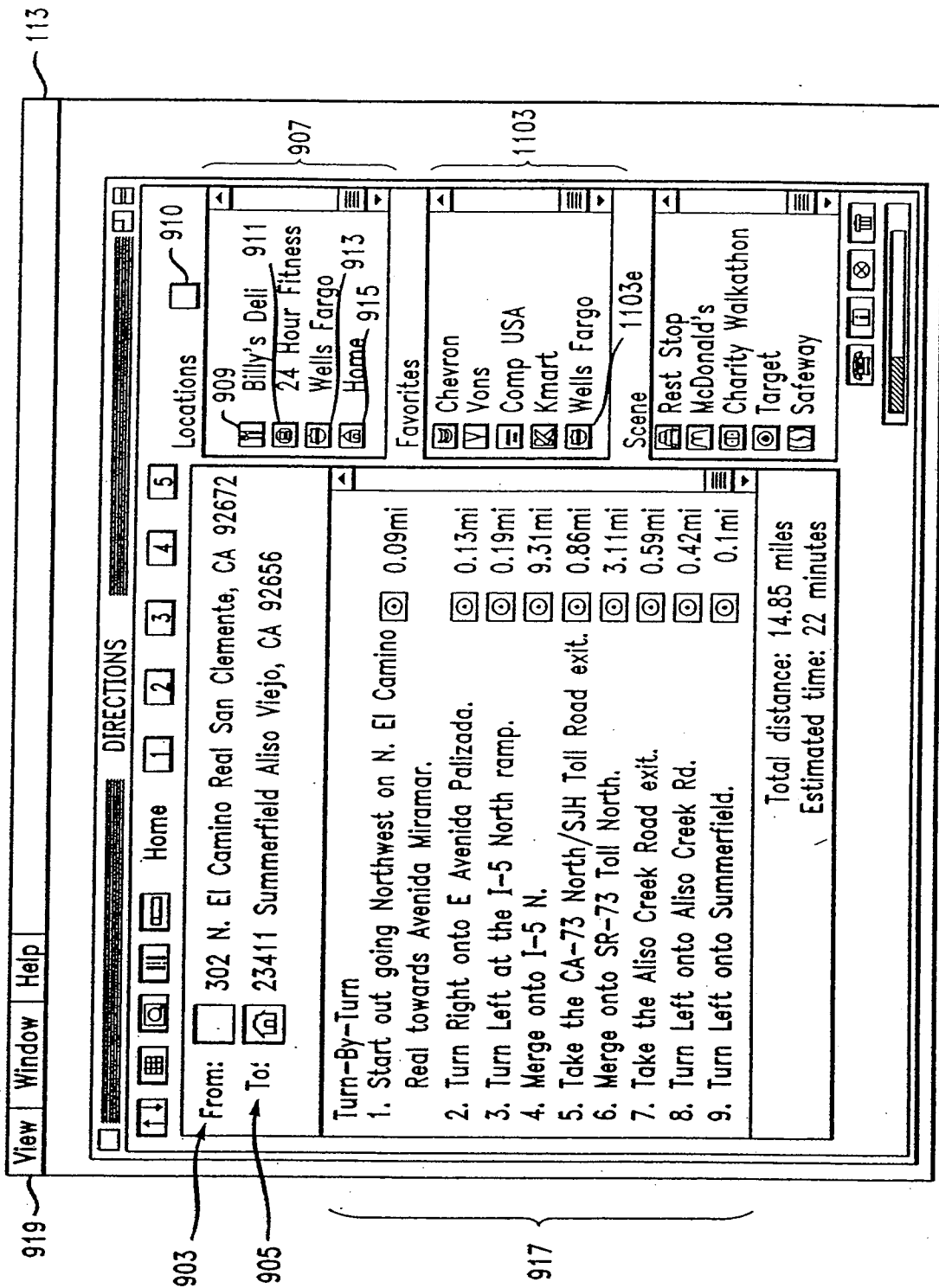


FIG. 11

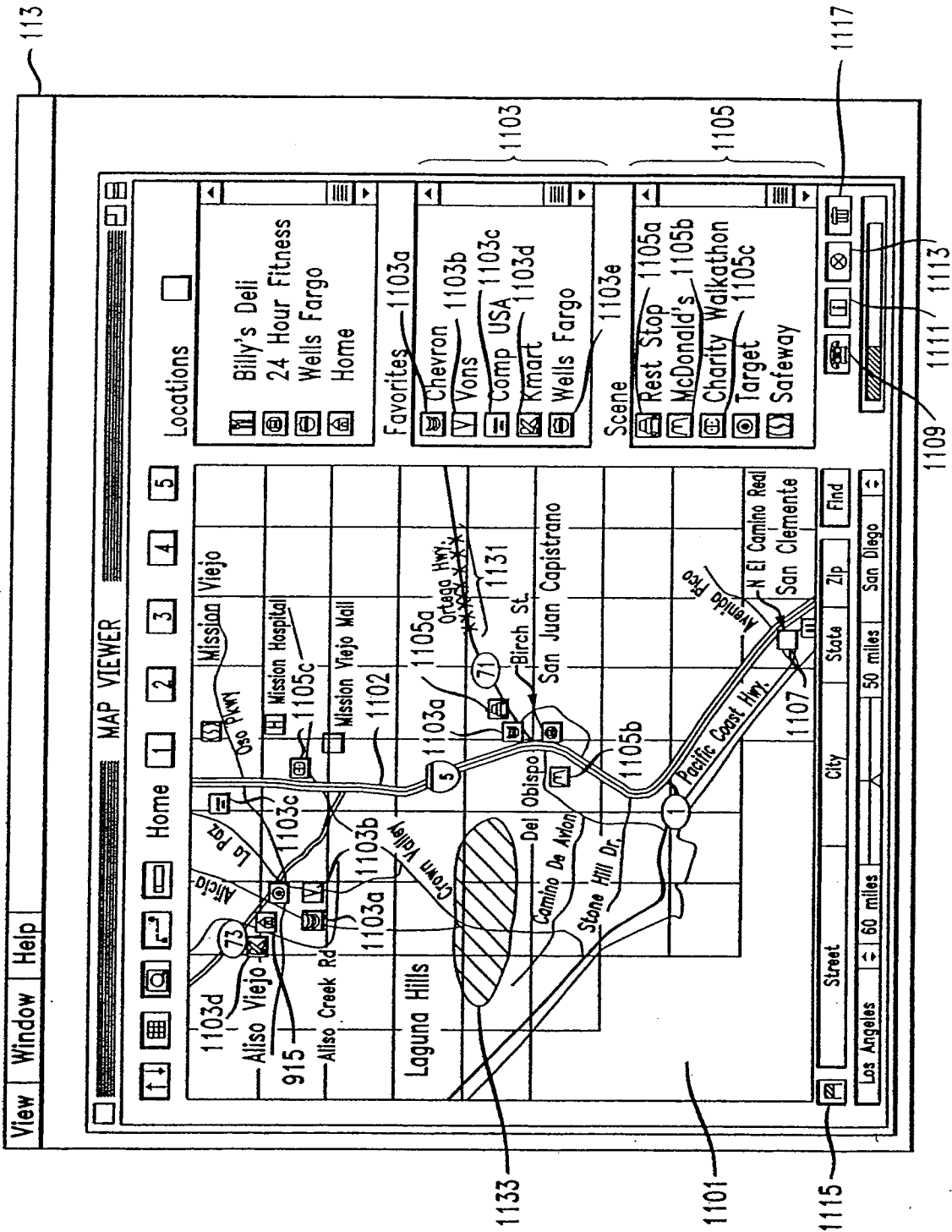


FIG. 12 8/8

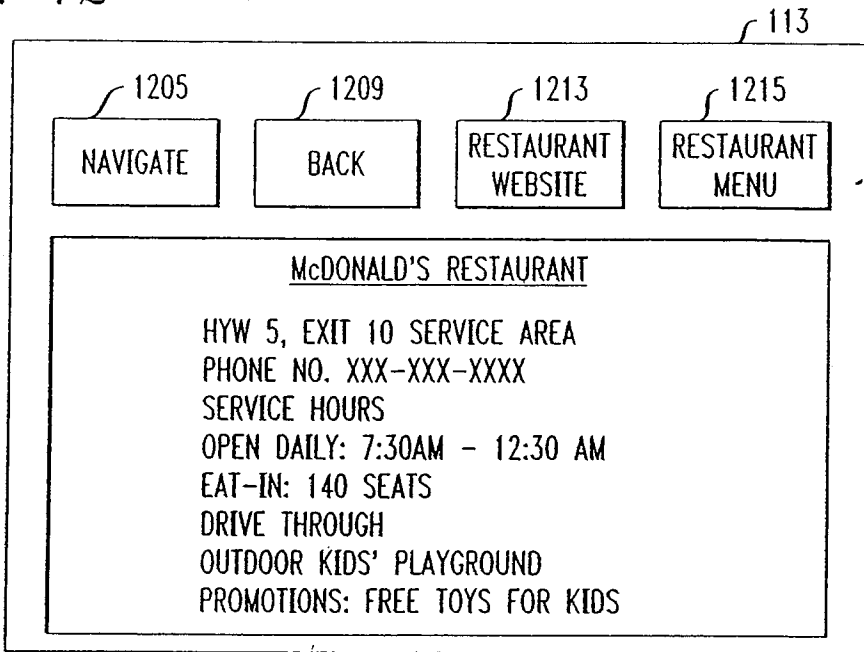


FIG. 13

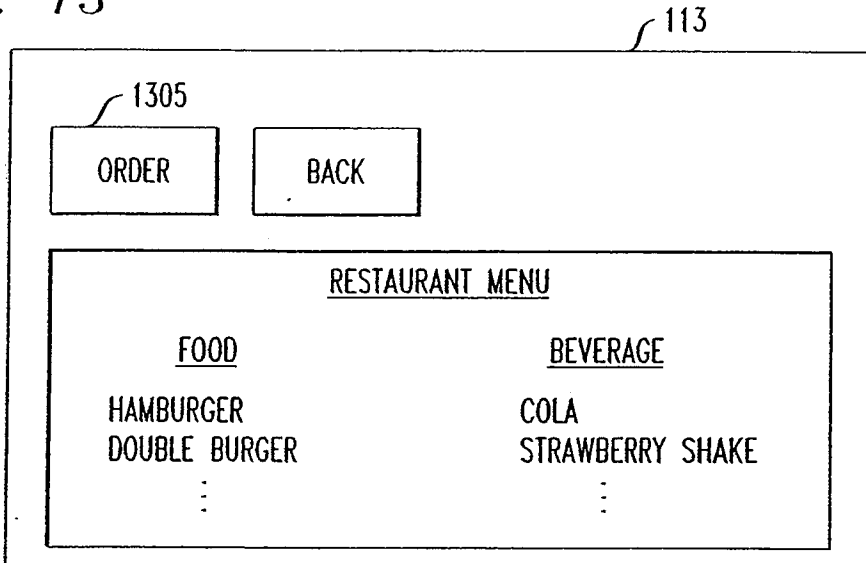
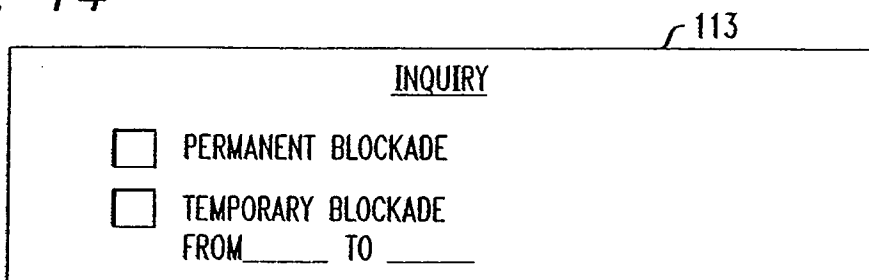


FIG. 14



Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES			
First Named Inventor/Applicant Name:	Michael L. Obradovich			
Filer:	Daniel M. Cavanagh/Renne Wyzykowski			
Attorney Docket Number:	60399/C685			
Filed as Small Entity				
Utility Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	75	75
Utility Search Fee	2111	1	255	255
Utility Examination Fee	2311	1	105	105
Pages:				
Claims:				
Claims in excess of 20	2202	10	25	250
Independent claims in excess of 3	2201	1	105	105
Miscellaneous-Filing:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
			Total in USD (\$)	790

Electronic Acknowledgement Receipt

EFS ID:	2688260
Application Number:	11971193
International Application Number:	
Confirmation Number:	4410
Title of Invention:	TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
First Named Inventor/Applicant Name:	Michael L. Obradovich
Customer Number:	56317
Filer:	Daniel M. Cavanagh/Renne Wyzykowski
Filer Authorized By:	Daniel M. Cavanagh
Attorney Docket Number:	60399/C685
Receipt Date:	08-JAN-2008
Filing Date:	
Time Stamp:	21:03:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 790
RAM confirmation Number	3687
Deposit Account	031728
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Page 166 of 172

Unified Patents Exhibit 1002

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal of New Application	60399TRANSMITTAL.pdf	132967 04f7032552ed6753919c8959b95bd7d89b46a7c0	no	3
Warnings:					
Information:					
2	Power of Attorney	60399SUBOFATTY.pdf	157740 fc6bd5f296f98c8b6651a744d1520d1a8864f805	no	4
Warnings:					
Information:					
3		60399PRELIMAMEND.pdf	235892 b5d25c990bc057daa6fe29896b38cc02a287ce58	yes	8
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Preliminary Amendment		1	1	
	Specification		2	2	
	Claims		3	7	
	Applicant Arguments/Remarks Made in an Amendment		8	8	
Warnings:					
Information:					
4		60399APPLICATION.pdf	1336506 31b982a7c4326aaf661f29e8066681f9a0f8fa49	yes	37
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	27	
	Claims		28	36	
Abstract		37	37		
Warnings:					
Information:					

5	Oath or Declaration filed	60399DECLARATION.pdf	72135 56531be6265635524febee56fb075cfa1e7d35fc	no	2
Warnings:					
Information:					
6	Power of Attorney	60399POA.pdf	72135 b6614940889eb536ac8a2f9a7215c31afce2ef7	no	2
Warnings:					
Information:					
7	Information Disclosure Statement Letter	60399IDSFORCON.pdf	47352 98f2a38bd66f530e873fd827d74ee216a76995f8	no	1
Warnings:					
Information:					
8	Information Disclosure Statement (IDS) Filed	60399IDSFORM1.pdf	477259 135ff9b17cd34f9d3ffe0e81671eed94ca1b9045	no	10
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9	Information Disclosure Statement Letter	60399IDS.pdf	55540 1da2954e62a14a2fc14eec83010a241e9347f1f61	no	2
Warnings:					
Information:					
10	Information Disclosure Statement (IDS) Filed	60399IDSFORM2.pdf	48151 17a38ce3ba446d80f464932bea6e4e312a05a2f2	no	1
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This is not an USPTO supplied IDS fillable form					
11	Drawings-only black and white line drawings	60399DRAWINGS.pdf	201529 c8030e890c2603f7e667e2ffac2e00b67f0bbf2f	no	8
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Information:					
12	Fee Worksheet (PTO-06)	fee-info.pdf	8602 b5eb183cdf129d1e18b55fe5318389221c21e41f	no	2
Warnings:					
Information:					
Total Files Size (in bytes):					2845808

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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.

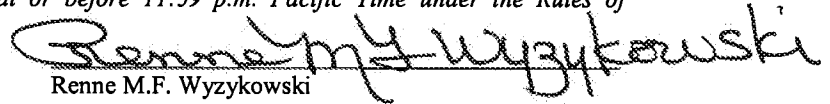
New International Application Filed with the USPTO as a Receiving Office

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.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Renne M.F. Wyzykowski

Applicant : Michael L. Obradovich, et al.
Application No. : To Be Determined
Filed : Herewith - January 8, 2008
Title : TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES
Grp./Div. : 3661 (Parent application)
Examiner : Yonel Beaulieu (Parent application)
Docket No. : 60399/C685
Customer No. : 56317

**INFORMATION DISCLOSURE STATEMENT
FOR A CONTINUING NON-CPA APPLICATION**

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

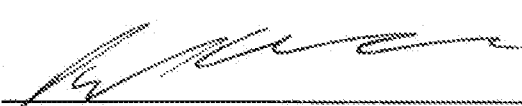
Post Office Box 7068
Pasadena, CA 91109-7068
January 8, 2008

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, enclosed is FORM PTO/SB/08A/B. The references listed thereon are not enclosed because they were of record in a parent application, Application No. 11/146,599, filed June 7, 2005.

It is respectfully requested that these references be considered in the examination of this application, and identified in the list of references cited on the patent issuing on this application.

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By 
Daniel M. Cavanagh
Reg. No. 41,661
626/795-9900

DMC:rmw
Enclosure
RMW IRV1108170.1-*01/8/08 11:59 AM

Filing Date: 01/08/08

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/971,193
---	---

APPLICATION AS FILED – PART I			SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)	(Column 1)	(Column 2)			(Column 1)	(Column 2)
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)			RATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75			N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	255			N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	105			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	30	minus 20 =	10	X\$ 25	250	OR	X\$50	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	4	minus 3 = *	1	X\$105	105		X\$210	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$260 (\$130 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))			185				370	
			TOTAL	790			TOTAL	0

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

APPLICATION AS AMENDED – PART II					SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)	(Column 3)		(Column 1)	(Column 2)			(Column 1)	(Column 2)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	X =		OR	X =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	X =		OR	X =		
	Application Size Fee (37 CFR 1.16(s))					N/A		OR	N/A	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
					TOTAL		OR	TOTAL		
					ADD'T FEE		OR	ADD'T FEE		

APPLICATION AS AMENDED – PART II					SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)	(Column 3)		(Column 1)	(Column 2)			(Column 1)	(Column 2)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	X =		OR	X =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	X =		OR	X =		
	Application Size Fee (37 CFR 1.16(s))					N/A		OR	N/A	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
					TOTAL		OR	TOTAL		
					ADD'T FEE		OR	ADD'T 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.

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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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/971,193	Filing Date 01/08/2008	<input type="checkbox"/> To be Mailed
---	---	----------------------------------	---------------------------------------

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			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	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			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			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).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
			TOTAL			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)						
AMENDMENT	01/08/2008	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 30	Minus ** 30	= 0	X \$25 =	0	OR	X \$ =	
	Independent (37 CFR 1.16(h))	* 4	Minus ***4	= 0	X \$105 =	0	OR	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))						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 (37 CFR 1.16(i))	*	Minus **	=	X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus ***	=	X \$ =		OR	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))						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:
 /DAVID SASFAI/

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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