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 NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	08/12/2014	8805416	7398-0010	9898

11788 7590 07/23/2014

Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

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 675 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):

Scott C. Harris, Rancho Santa Fe, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

Change(s) applied to document, /A.E.M./ 5/29/2014

	20	6700534		03/2004	Harris	
	21	6812888		11/2004	Drury	
	22	7013150		03/2006	Okanoue	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010026240		10/2001	Neher	
	2	20020070890		06/2002	Harris	
	3	20020138650		09/2002	Yamamoto	
	4	20050144049		06/2005	Kuzunuki	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

EFS Web 2.1.3

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

Change(s) applied to document. /A.E.M./ 5/29/2014

	9	6069760		05/2000	~~Herring~~ Yun	
	10	6085090		07/2000	Yee	
	11	6107960		08/2000	Krasner	
	12	6222484		04/2001	Seiple	
	13	6226589		05/2001	Maeda	
	14	6321158		11/2001	DeLorme	
	15	6414635		07/2002	Stewart	
	16	6429812		08/2002	Hoffberg	
	17	6437735		08/2002	McMahan	
	18	6453237		09/2002	Fuchs	
	19	6697731		02/2004	Takayama	

EFS Web 2.1.3

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

PTO/SB/08a (03-08)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Harris, Scott C
Art Unit	2623
Examiner Name	Phan
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS Remove

Examiner Initial	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/A.E.M./ 5/29/2014	1	5222245		06/1993	Ando	
	2	5301368		04/1994	Hirata	
	3	5726660		03/1998	Purdy	
	4	5731785		03/1998	Lemelson	
	5	5751373		05/1998	Ohyama	
	6	5940753		08/1999	Mallinchkrodt	
	7	5969678		10/1999	Stewart	
	8	6049718		04/2000	Stewart	

Citation(s) applied to document,

EFS Web 2.1.3

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

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)

11788 7590 03/31/2014
Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

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.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

TITLE OF INVENTION: METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	06/30/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
HERRERA, DIEGO D	2646	455-456300

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

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

1 Stolowitz Ford Cowger LLP
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: Platt Technology Investments LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Dover, Delaware

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

4a. The following fee(s) are submitted:
- X 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.
- X Payment by credit card. EFS submission
- X The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 504348 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ☐ Applicant certifying micro entity status. See 37 CFR 1.29 — NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ☐ Applicant asserting small entity status. See 37 CFR 1.27 — NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ☐ Applicant changing to regular undiscounted fee status. — NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

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

Authorized Signature Bryan Kirkpatrick Date 6/30/2014

Typed or printed name Bryan D. Kirkpatrick Registration No. 53135

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2646
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	June 30, 2014

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

APPLICANT'S COMMENTS ON EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

Applicant acknowledges the Examiner's Statement of Reasons for Allowance of the above-identified patent application and agrees that the claimed subject matter is patentable. However, Applicant takes no position regarding the Statement of Reasons for Allowance presented by the Examiner other than the positions Applicant may have previously taken during prosecution. Therefore, the Examiner's Statement of Reasons for Allowance should not be attributed to Applicant as an indication of the basis for Applicant's belief that the claims are patentable. Furthermore, Applicant respectfully asserts that there may also be additional reasons for patentability of the claimed subject matter not explicitly stated in this record and Applicant does not waive its rights to such arguments by not further addressing such reasons herein.

Customer No. 11788

Respectfully submitted,
STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400, Portland, OR 97205
Tel: 503-224-2170 / Fax: 503-224-2084 / Email: docket@stofoco.com

Electronic Patent Application Fee Transmittal	
Application Number:	12014093
Filing Date:	14-Feb-2008
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Filer:	Bryan Kirkpatrick/Christine Pavlyk
Attorney Docket Number:	7398-0010
Filed as Large 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:				
Utility Appl Issue Fee	1501	1	960	960
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**960**

Electronic Acknowledgement Receipt	
EFS ID:	19456322
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Christine Pavlyk
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	30-JUN-2014
Filing Date:	14-FEB-2008
Time Stamp:	16:47:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$960
RAM confirmation Number	4525
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1		7398-0010IssueFee_6-30-14.pdf	139652 f27e24153eeb2b2190cdc44b3f0626cc0a27de47	yes	3

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Issue Fee Payment (PTO-85B)	2	2
	Post Allowance Communication - Incoming	3	3

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30724 4834d1c14bac435099f9a88411f429eecc77a50d	no	2

Warnings:

Information:

Total Files Size (in bytes):	170376

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.

PATENT
Patent No.: 12/014,093
Doc. No.: 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MISCELLANEOUS TRANSMITTAL LETTER FOR EFS PAYMENT

☒ In the event of computer malfunction, Applicants request that any fees be charged to Deposit Account No. 50-4348.

☒ Please charge any deficiency or credit any over-payment to Deposit Account No. 50-4348.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Scott C. Harris
Art Unit	2617
Examiner Name	Diego D. Herrera
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6204808		2001-03-20	Bloebaum	
	2	5699255		1997-12-16	Ellis et al.	
	3	6525768		2003-02-25	obradovich	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

EFS Web 2.1.17

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Scott C. Harris
	Art Unit	2617
	Examiner Name	Diego D. Herrera
	Attorney Docket Number	GPS-CPDC5

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/Diego Herrera/	Date Considered	06/09/2014

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

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

NOTICE OF ALLOWANCE AND FEE(S) DUE

11788 7590 03/31/2014

Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

EXAMINER
HERRERA, DIEGO D

ART UNIT	PAPER NUMBER
2646	

DATE MAILED: 03/31/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

TITLE OF INVENTION: METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	06/30/2014

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

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

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

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

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

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

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

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

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

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

11788 7590 03/31/2014
Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

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.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

TITLE OF INVENTION: METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	06/30/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
HERRERA, DIEGO D	2646	455-456300

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
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 credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29 — NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27 — NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status. — NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

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

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

11788 7590 03/31/2014

Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

EXAMINER	
HERRERA, DIEGO D	

ART UNIT	PAPER NUMBER
2646	

DATE MAILED: 03/31/2014

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 1097 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 1097 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.

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

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

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

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

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

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

Notice of Allowability	Application No. 12/014,093	Applicant(s) HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	Art Unit 2646	AIA (First Inventor to File) Status No

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *submission of claims on 1/30/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *1,7-10, 48, 50-53, 11-12, 14, 16--17, 49, 18-19, 54, 20-21, 23, 26, 29,and 37-47, renumbered 1-35 respectively*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

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

/DIEGO HERRERA/
Examiner, Art Unit 2646

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

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bryan D. Kirkpatrick on 3/18/2014.

Examiner's amendment begins:

claim 1. A method, comprising:

receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information;

detecting, by the mobile communication device, signal interference;

generating, by the mobile communication device, an indication of the signal interference;

communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the GPS information from the mobile communication device to the remote source;

receiving, by the mobile communication device, navigation information from the remote source in response to sending both the indication of the signal interference and the GPS information, wherein the navigation information comprises data [retrieved from a database associated with the remote source] for plotting a course on a map including the current location of the mobile communication device[, and wherein the navigation information is based, at least in part, on the indication of the signal interference and the GPS information]; and

displaying, by the mobile communication device, the map based on the navigation information.

claim 11. A method, comprising:

receiving, by a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) information and additional information about a local position of the mobile communication device other than the GPS information, wherein the additional information comprises an indication of signal interference detected at the mobile communication device;

determining, by the server, navigation information associated with the local position based on both the GPS information and the indication of signal interference, wherein the navigation information comprises data [retrieved from a database associated with the server] for plotting a course on a map including the local position of the mobile communication device; and

transmitting, by the server, the navigation information to the mobile communication

device [in response to receiving the GPS information and the indication of signal interference].

claim 18. A method comprising:

acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device; communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server; receiving, by the communication device, current position information in response to communicating the plurality of items of information, wherein the current position information comprises data [retrieved from a database associated with the remote source] for plotting a course on a map including the current location of the communication device[, and wherein the current position information is based, at least in part, on the GPS information and the environmental information]; and displaying, by the communication device, the map based on the current position information.

claim 20. A system, comprising:

a communication interface configured to receive a communication from a cellular telephone over a cellular telephone network, wherein the communication comprises global positioning system (GPS) information and environmental information about a current position of the cellular telephone, and wherein the environmental information is acquired by one or more sensory input devices of the cellular telephone;

a database configured to store local information associated with the current position;

and a processing device configured to:

process the GPS information and the environmental information;

retrieve the local information from the database in response to processing the GPS information and the environmental information;

generate mapping information associated with the current position, wherein the mapping information comprises [the local information] ~~data~~ for plotting a course on a map including the current position of the cellular telephone[, and wherein the mapping information is based, at least in part, on the GPS information and the environmental information]; and

cause the mapping information to be transmitted to the cellular telephone.

claim 29. A system comprising:

a mobile communication device located at a current position;

a base station configured to receive wireless communications from the mobile

communication device, wherein the wireless communications comprise [global positioning system] (GPS) [[GPS]] information and additional information about the current position of the mobile communication device, and wherein the additional information comprises an indication of signal interference detected at the mobile communication device; and a remote processor configured to:

communicate with the mobile communication device via the base station, wherein in response to receiving data from the mobile communication device, the remote processor is further configured to:

generate navigation information associated with the current position of the mobile communication device, wherein the navigation information comprises data [retrieved from a database associated with the remote processor] for plotting a course on a map including the current position of the mobile communication device[, and wherein the navigation information is based, at least in part, on the GPS information and the indication of signal interference]; and transmit the navigation information for displaying the map on the mobile communication device.

claim 37. A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

generating location data associated with a current position of a mobile communication device based on one or more global positioning system (GPS) signals; detecting signal interference at the mobile communication device; generating an indication of the

detected signal interference; transmitting the location data and the indication of the detected interference to a remote processing device; and

receiving navigation information associated with the current position, wherein the navigation information comprises data [retrieved from a database associated with the remote source] for plotting a course on a map including the current position of the mobile communication device,[and wherein the navigation information is based, at least in part, on the location data and the indication of the detected interference].

claim 42. An apparatus, comprising:

means for determining a current location of the apparatus;

means for displaying navigation instructions;

means for wirelessly communicating information about the current location to a remote processing device, wherein the information about the current location comprises global positioning system (GPS) information and environmental information about the current location other than the GPS information, and wherein the environmental information comprises visual or auditory sensory input acquired by the apparatus; and

means for wirelessly receiving the navigation instructions associated with the current location, wherein the navigation instructions [comprise] ~~comprises~~ data [retrieved from a database associated with the remote processing device] for plotting a course on a map including the current location of the apparatus[, and wherein the navigation instructions are based, at least in part, on the GPS information and the environmental information].

[End of Examiner's amendment.]

Allowable Subject Matter

Claims 1, 7-10, 48, 50-53, 11-12, 14, 16-17, 49, 18-19, 54, 20-21, 23, 26, 29, and 37-47 are allowed and renumbered 1-35 respectively.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEGO HERRERA whose telephone number is (571)272-0907. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/DIEGO HERRERA/
Examiner, Art Unit 2646

/LESTER KINCAID/
Supervisory Patent Examiner, Art Unit 2646

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	**Art Unit**
	DIEGO HERRERA	2646

CPC		
Symbol	**Type**	**Version**

CPC Combination Sets				
Symbol	**Type**	**Set**	**Ranking**	**Version**

/DIEGO HERRERA/ Examiner.Art Unit 2646	03/20/2014	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	35	
/LESTER KINCAID/ Supervisory Patent Examiner.Art Unit 2646	03/24/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	**Art Unit**
	DIEGO HERRERA	2646

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION												
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED							
455	456.3	H	0	4	W	4 / 02 (2009.0)								
CROSS REFERENCE(S)		H	0	4	W	64 / 00 (2009.0)								
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)													
455	404.2													
370	351													
701	527	408	23											
379	913													

/DIEGO HERRERA/ Examiner.Art Unit 2646	03/20/2014	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	35	
/LESTER KINCAID/ Supervisory Patent Examiner.Art Unit 2646	03/24/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	**Art Unit**
	DIEGO HERRERA	2646

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

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	15	17		33	16	49								
	2	17	18		34	7	50								
	3	18	19		35	8	51								
	4	20	20		36	9	52								
	5	21	21	25	37	10	53								
	6		22	26	38	19	54								
2	7	22	23	27	39										
3	8		24	28	40										
4	9		25	29	41										
5	10	23	26	30	42										
11	11		27	31	43										
12	12		28	32	44										
	13	24	29	33	45										
13	14		30	34	46										
	15		31	35	47										
14	16		32	6	48										

/DIEGO HERRERA/ Examiner.Art Unit 2646	03/20/2014	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	35	
/LESTER KINCAID/ Supervisory Patent Examiner.Art Unit 2646	03/24/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner
((G06Q30/0267 OR G06Q30/0261 OR G06Q20/20 OR G06Q30/0246 OR G06Q30/0266 OR H04W4/028 OR H04W64/00 OR H04W4/027 OR H04W76/023 OR H04N21/41407 OR G01C21/206 OR G01C21/3682 OR G07F17/3237 OR H04M3/42161)	3/19/2014	dh

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.3	9/21/2010	dh

SEARCH NOTES		
Search Notes	Date	Examiner
plus search, east text search, fwd and rev. search, ids checked.	9/23/2010	dh
plus search, east text search, fwd and rev. search. ids checked. and change prior art due to amendments.	3/9/2011	dh
east text search, fwd and reverse search.	6/16/2011	dh
reviewed amended claims, reviewed art and remarks. found new matter and other objections on claims.	5/9/2013	dh
amendments were reviewed, east text search, and fwd and reverse citation was made.	11/3/2013	dh
Talked to TQAS Paras Shah, he made suggestions as to compact prosecution, further discussed case with Primary examiner Charles Shedrick, he agreed with the suggestions made by TQAS and suggested search areas, search east text and CPC queries.	3/20/2014	dh

/DIEGO HERRERA/ Examiner.Art Unit 2646	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
	((G06Q30/0267 OR G06Q30/0261 OR G06Q20/20 OR G06Q30/0246 OR G06Q30/0266 OR H04W4/028 OR H04W64/00 OR H04W4/027 OR H04W76/023 OR H04N21/41407 OR G01C21/206 OR G01C21/3682 OR G07F17/3237 OR H04M3/42161).CPC.)	3/19/2014	dh

/DIEGO HERRERA/ Examiner.Art Unit 2646	

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	805	gps and location and signal and interference and navigation and ("extensible markup language" xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/03/20 01:13
L2	148	l1 and (mobile vehicle car auto automobile phone smartphone user subscriber terminal laptop pda php) and (display$3) and (directions near travel$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/03/20 01:15
S1	1	("6321158").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/09/23 04:35
S2	26	("20010026240" | "20020070890" | "20020138650" | "20050144049" | "5222245" | "5301368" | "5726660" | "5731785" | "5751373" | "5940753" | "5969678" | "6049718" | "6069760" | "6085090" | "6107960" | "6222484" | "6226589" | "6321158" | "6414635" | "6429812" | "6437735" | "6453237" | "6697731" | "6700534" | "6812888" | "7013150").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 06:07
S3	15	("5564079" | "6070083" | "6084547" | "6108555" | "6442392" | "6662016" | "6681099").PN. OR ("7013150").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:08
S4	38	("20030012265" | "20030063595" | "20040062214" | "20040114623" | "20040209580" | "20040252665" | "20040259571" | "20050163075" | "20050228854" | "20050286536" | "20060007919" | "5805633" | "5901182" | "5931964" | "5973643" | "6016322" | "6035207" | "6154507" | "6285876" | "6356911" | "6381726" | "6442392" | "6490327" | "6546256" | "6560462" | "6621807" | "6631142" | "6717947" | "6757544" | "6788750" | "6904110" | "6915123" | "6920125" | "6978124" | "6987798" | "7013150" | "7068638" | "7139283").PN. OR ("7697573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:09
S5	7	(US-7013150-$ or US-6700534-$ or US-6453237-$ or US-6437735-$ or US-6429812-$ or US-6321158-$ or US-6107960-$).did.	USPAT	OR	ON	2011/03/10 23:58

S6	5	S5 and cellular	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/10 23:58
S7	2	S6 and (cellular near3 network)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:36
S8	2	S5 and (cellular near3 network)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:37
S9	50	("5801527" "5978107" "5883632" "6128022" "6160644" "6181445" "4351268" "4380213" "4386844" "5510910" "5798966" "5978860" "6069982" "6169762" "4246600" "4583055" "4593458" "4859633" "4991002" "5250461" "5250837" "5457785" "5479536" "5495544" "5517040" "5561377" "5570002" "5572632" "5583666" "5604843" "5610925" "5613951" "5655269" "5724449" "5748176" "5775825" "5777811" "5806897" "5841304" "5841992" "5900759" "5943577" "6008907" "6043519" "6063655" "6072901" "6088038" "6111268" "6130544" "6137495").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:39
S10	3	(("6204808") or ("5699255") or ("6525768")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2011/03/11 01:06
S11	71	("4445118" | "5418538" | "5420592" | "5663734" | "5663735" | "5841396" | "5983161").PN. OR ("6204808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 01:07
S12	28	S11 and (cellular near3 (network or phones))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 01:18
S13	4	("20020107636" | "6191731" | "6204808" | "6417801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 01:27
S14	4	("20020107636" | "6191731" | "6204808" | "6417801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 05:29
S15	1	S14 and display	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:29
S16	71	("4445118" | "5418538" | "5420592" | "5663734" | "5663735" | "5841396" | "5983161").PN. OR ("6204808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 05:38
S17	36	S16 and display	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:38
S18	18	S17 and navigation	US-PGPUB; USPAT; FPRS;	OR	ON	2011/03/11 05:38

			EPO; JPO			
S19	5	S18 and displayed and cellular and telephone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:38
S20	16553	navigation and displayed and cellular and telephone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:42
S21	102	S20 and gps and msc and vlr and hlr	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:42
S22	69	S21 and "455".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:42
S23	0	S22 and (navigation near4 display$3 near8 route)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:46
S24	4	S22 and (navigation near4 display$3) and (rout$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:46
S25	1	"wo 2002033939"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:06
S26	1	10/065120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:10
S27	6	(("6675017") or ("5334974") or ("6121922")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/10/24 03:13
S28	0	S27 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:14
S29	2	09/960001	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:21

S30	4	(("5751373") or ("6049718")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/10/24 03:25
S31	33	(("5222245") or ("5301368") or ("5726660") or ("5731785") or ("5751373") or ("5940753") or ("5969678") or ("6049718") or ("6069570") or ("6085090") or ("6107960") or ("6222484") or ("6226589") or ("6321158") or ("6414635")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/10/24 03:41
S32	1	S31 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:42
S33	0	S27 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:25
S34	0	S30 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:25
S35	0	S30=S31 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:25
S36	1	S31 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:26
S39	140	xml with gps with information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:36
S40	36	S39 and "455".clas.	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/11/01 10:36

			EPO; JPO; DERWENT; IBM_TDB			
S41	21	xml with format with gps with information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:39
S42	1	S41 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:39
S43	2	09/960001	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:43
S44	6	gps near8 information near9 xml near format	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:15
S45	15	gpx near8 information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:17
S46	10	S45 not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:17
S47	10	"09/682600" or "10/714096"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:38
S48	14	("5222245" | "5301368" | "5726660" | "5731785" | "5751373" | "5940753" | "6049718" | "6069570" | "6085090" | "6107960" | "6222484" | "6226589" | "6321158" | "6429812").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2013/11/03 05:39
S49	1	S48 and xml	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/11/03 05:40

			EPO; JPO; DERWENT; IBM_TDB			

3/20/2014 2:12:40 AM
C:\Users\dherrera\Documents\EAST\Workspaces\014093_12.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011	06/16/2011	05/07/2013	11/03/2013	03/19/2014			
1	1	✓	✓	✓	✓	✓	=			
	2	✓	✓	✓	✓	-	-			
	3	✓	✓	✓	✓	✓	-			
	4	✓	✓	✓	✓	✓	-			
	5	✓	✓	✓	✓	✓	-			
	6	✓	✓	✓	✓	✓	-			
2	7	✓	✓	✓	✓	✓	=			
3	8	✓	✓	✓	✓	✓	=			
4	9	✓	✓	✓	✓	✓	=			
5	10	✓	✓	✓	✓	✓	=			
11	11	✓	✓	✓	✓	✓	=			
12	12	✓	✓	✓	✓	✓	=			
	13	✓	✓	✓	-	-	-			
13	14	✓	✓	✓	✓	✓	=			
	15	✓	✓	✓	-	-	-			
14	16	✓	✓	✓	✓	✓	=			
15	17	✓	✓	✓	✓	✓	=			
17	18	✓	✓	✓	✓	✓	=			
18	19	✓	✓	✓	✓	✓	=			
20	20	✓	✓	✓	✓	✓	=			
21	21	✓	✓	✓	✓	✓	=			
	22	✓	✓	✓	-	-	-			
22	23	✓	✓	✓	✓	✓	=			
	24	✓	✓	✓	-	-	-			
	25	✓	✓	✓	✓	✓	-			
23	26	✓	✓	✓	✓	✓	=			
	27	✓	✓	✓	✓	✓	-			
	28	✓	✓	✓	-	-	-			
24	29	✓	✓	✓	✓	✓	=			
	30	✓	✓	✓	-	-	-			
	31	✓	✓	✓	-	-	-			
	32	✓	✓	✓	-	-	-			
	33	✓	-	✓	-	-	-			
	34	✓	✓	✓	-	-	-			
	35	✓	✓	✓	-	-	-			
	36	✓	✓	✓	-	-	-			

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011	06/16/2011	05/07/2013	11/03/2013	03/19/2014			
25	37				✓	✓	=			
26	38				✓	✓	=			
27	39				✓	✓	=			
28	40				✓	✓	=			
29	41				✓	✓	=			
30	42				✓	✓	=			
31	43				✓	✓	=			
32	44				✓	✓	=			
33	45				✓	✓	=			
34	46				✓	✓	=			
35	47				✓	✓	=			
6	48					✓	=			
16	49						=			
7	50						=			
8	51						=			
9	52						=			
10	53						=			
19	54						=			

Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce

Electronic Petition Request	**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT**
Application Number	12014093
Filing Date	14-Feb-2008
First Named Inventor	Scott Harris
Attorney Docket Number	7398-0010
Title of Invention	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS

☒ Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action

☒ This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
Platt Technology Investments LLC	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

7327312

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:
- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

◉ Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

○	I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

○ Small Entity

○ Micro Entity

◉ Regular Undiscounted

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

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

◉ An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 53135

○ A sole inventor

○ A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application

○ A joint inventor; all of whom are signing this request

Signature	/Bryan D. KIRKPATRICK/
Name	Bryan D. KIRKPATRICK

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal	
Application Number:	12014093
Filing Date:	14-Feb-2008
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Filer:	Bryan Kirkpatrick/Theresa Belland
Attorney Docket Number:	7398-0010
Filed as Large Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Statutory or Terminal Disclaimer	1814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**160**

Doc Code: DISQ.E.FILE
Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 12014093

Filing Date: 14-Feb-2008

Applicant/Patent under Reexamination: Harris et al.

Electronic Terminal Disclaimer filed on March 14, 2014

☒ APPROVED

This patent is subject to a terminal disclaimer

☐ DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt	
EFS ID:	18472948
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	14-MAR-2014
Filing Date:	14-FEB-2008
Time Stamp:	12:15:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$160
RAM confirmation Number	11804
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	33509 7f4b2d9306a5cabac85d52bc84017efe490fcd43	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30515 ae92a2a178d2a7d85a3c32b5472a2d0b87bc3310	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	64024		

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2646
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	January 30, 2014

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

AMENDMENT ACCOMPANIED BY
REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER 37 CFR § 1.114

This response replaces the Amendment filed on January 29, 2014 and is responsive to the Final Office Action dated November 7, 2013 and the Advisory Action dated January 27, 2014. Please amend the application as follows:

Claim Amendments begin on page 2.

Remarks/Arguments begin on page 11.

CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) A method, comprising:

receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information ~~and additional information about the current position of the mobile communication device other than the GPS information~~;

detecting, by the mobile communication device, signal interference;

generating, by the mobile communication device, an indication of the signal interference;

communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the ~~information, including the~~ GPS information~~, about the current location~~ from the mobile communication device to the remote source~~, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format~~;

receiving, by the mobile communication device, navigation information from the remote source in response to sending both the indication of the signal interference and the GPS information ~~about the current location~~, wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device; and

displaying, by the mobile communication device, the map based on the navigation information.

2-6. (Cancelled)

7. (Previously Presented) The method of claim 1, wherein the navigation information is associated with a direction of travel, and wherein the method comprises deleting or ignoring, by the mobile communication device, information that is not associated with the direction of travel.

8. (Currently Amended) The method of claim 1, wherein the navigation information ~~includes~~ comprises additional information about an area around the current location.

9. (Currently Amended) The method of claim 1, wherein the navigation information ~~includes~~ comprises first mapping information associated with a first time centered around a first local position, and wherein the method comprises receiving, by the mobile communication device, additional navigation information ~~including~~ comprising second mapping information associated with a second time centered around a second location different than the first local position.

10. (Previously Presented) The method of claim 9, wherein the first mapping information is associated with a first direction of travel from the second local position to the first local position, and wherein the second mapping information is associated with a second direction of travel from the first local position to the second local position.

11. (Currently Amended) A method, comprising:

receiving, by a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) information and additional information about a local position of the mobile communication device other than the GPS information, wherein the additional information comprises an indication of signal interference detected at the mobile communication device ~~at least a portion of the GPS information is received in an Extensible Markup Language (XML) format~~;

determining, by the server, navigation information associated with the local position based on both the GPS ~~position~~ information and the indication of signal interference, wherein the navigation information comprises data for plotting a course on a map including the local position of the mobile communication device; and

transmitting, by the server, the navigation information to the mobile communication device.

12. (Previously Presented) The method of claim 11, further comprising:

receiving, by the server, new position information indicating a new position of the mobile communication device; and

transmitting, by the server, new navigation information associated with the new position to the mobile communication device responsive to receiving the new position information.

13. (Cancelled)

14. (Previously Presented) The method of claim 12, wherein transmitting the navigation information comprises transmitting first mapping information at a first time associated with the local position, and wherein transmitting the new navigation information comprises transmitting second mapping information at a second time associated with the new position.

15. (Cancelled)

16. (Currently Amended) The method of claim 11, wherein the additional information ~~includes~~ further comprises information about at least one base station which is communicating with the mobile communication device.

17. (Currently Amended) The method of claim 11, wherein the additional information ~~includes~~ further comprises information associated with a local transponder.

18. (Currently Amended) A method comprising:

acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device;

communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server;

receiving, by the communication device, current position information in response to communicating the plurality of items of information, wherein the current position information comprises data for plotting a course on a map including the current location of the communication device; and

displaying, by the communication device, the map based on the current position information.

19. (Currently Amended) The method of claim 18, wherein the communication device comprises a camera and wherein the environmental information ~~includes~~ comprises image data captured by the camera.

20. (Currently Amended) A system, comprising:

a communication interface configured to receive a communication from a cellular telephone over a cellular telephone network, wherein the communication comprises global positioning system (GPS) information and environmental information about a current position of the cellular telephone, and wherein the environmental information is acquired by one or more sensory input devices of the cellular telephone ~~wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format~~;

a database configured to store local information associated with the current position; and

a processing device configured to:

process the GPS information and the environmental information;

retrieve the local information from the database in response to processing the GPS information and the environmental information;

generate mapping information associated with the current position, wherein the mapping information comprises data for plotting a course on a map including the current position of the cellular telephone; and

cause the mapping information to be transmitted to the cellular telephone.

21. (Previously Presented) The system of claim 20, wherein the processing device is further configured to generate new mapping information associated with a new position of the cellular telephone.

22. (Cancelled)

23. (Previously Presented) The system of claim 21, wherein the mapping information is generated at a first time associated with the current position, and wherein the new mapping information is generated at a second time associated with the new position.

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) The system of claim 21, wherein the mapping information comprises navigation instructions from the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second direction of travel.

27. (Cancelled)

28. (Cancelled)

29. (Currently Amended) A system comprising:

a mobile communication device located at a current position;

a base station configured to receive wireless communications from the mobile communication device, wherein the wireless communications comprise GPS information and additional information about the current position of the mobile communication device, and wherein the additional information comprises an indication of signal interference detected at the mobile communication device; and

a remote processor configured to:

communicate with the mobile communication device via the base station, wherein in response to receiving data from the mobile communication device, the remote processor is further configured to:

generate navigation information associated with the current position of the mobile communication device, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device; and

transmit the navigation information for displaying the map on the mobile communication device.

30-36. (Cancelled)

37. (Currently Amended) A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

generating location data associated with a current position of a mobile communication device based on one or more global positioning system (GPS) signals;

~~receiving supplemental information associated with a current position of a mobile communication device;~~

detecting signal interference at the mobile communication device;

generating an indication of the detected signal interference;

transmitting the location data and the ~~supplemental information~~ indication of the detected interference ~~from the mobile communication device~~ to a remote processing device~~, wherein at least a portion of the location data is transmitted in an Extensible Markup Language (XML) format~~; and

receiving navigation information associated with the current position, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device.

38. (Currently Amended) The memory device of claim 37, further comprising receiving supplemental information associated with the current position of the mobile communication device, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source.

39. (Currently Amended) The memory device of claim 38, wherein the first remote source comprises a base station in communication with [[a]] the mobile communication device.

40. (Currently Amended) The memory device of claim 39, wherein the ~~environmental~~ supplemental information comprises an identity of the base station.

41. (Previously Presented) The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device.

42. (Currently Amended) An apparatus, comprising:

means for determining a current location of the apparatus;

means for displaying navigation instructions;

means for wirelessly communicating information about the current location to a remote processing device, wherein the information about the current location comprises global positioning system (GPS) information and environmental information about the current location other than the GPS information, and wherein the environmental information comprises visual or auditory sensory input acquired by the apparatus ~~and wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format~~; and

means for wirelessly receiving the navigation instructions associated with the current location, wherein the navigation instructions comprises data for plotting a course on a map including the current location of the apparatus.

43. (Previously Presented) The apparatus of claim 42, wherein the data for plotting the course on the map is generated by the remote processing device.

44. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the GPS information.

45. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the environmental information.

46. (Previously Presented) The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device, and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location.

47. (Previously Presented) The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location.

48. (Currently Amended) The method of claim 1, wherein [[the]] at least a portion of the GPS information [[that]] is communicated in XML format and comprises one or more different XML tags that indicate a type of the additional information being communicated by the mobile communication device.

49. (New) The method of claim 11, wherein determining the navigation information comprises comparing the indication of signal interference with interference signatures in a database of environmental factors.

50. (New) The method of claim 1, wherein the signal interference comprises failure to detect a signal over a time period.

51. (New) The method of claim 50, wherein the signal is an expected signal.

52 (New) The method of claim 1, wherein the signal inference is indicative of a noise signature associated with the current location.

53. (New) The method of claim 1, wherein the signal interference is indicative of a signal power of one or more signals received by the mobile communication device.

54. (New) The method of claim 18, wherein the communication device comprises a microphone and wherein the environmental information comprises sound data captured by the microphone.

REMARKS

The application included claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-48 prior to entering this amendment.

The Applicant amends claims 1, 3, 8, 9, 11, 16, 17, 19, 20, 29, 37-40, 42, and 48, and cancels claims 3-6, 25, and 27 without prejudice.

The Applicant adds new claims 49-54. No new matter is added.

The application remains with claims 1, 7-12, 14, 16-21, 23, 26, 29, and 37-54 after entering this amendment.

General Remark

This response replaces the Amendment filed on January 29, 2014 which included an incorrect claim identifier of "Previously Presented" for claims 49-54 rather than "New." Claims 49-54 were originally submitted in the Response after Final dated January 7, 2014 but were not entered according to the Advisory Action dated January 27, 2014.

Request for Continued Examination - 35 U.S.C. § 132(b) and 37 CFR § 1.114

Applicant is filing herewith a Request for Continued Examination. Authorization to pay the examination fee is included with this response.

This Amendment is being filed responsive to the Final Office Action dated November 7, 2013 and the Advisory Action dated January 27, 2014. The Advisory Action identified that the Response after Final dated January 7, 2014 was not entered. Accordingly, the present amendment of claims is made with respect to the claims which were pending prior to filing the Response after Final.

Claim Rejections - 35 USC. § 103

The Examiner rejected claims 1, 3-12, 14, 16-21, 23, 25-27, and 37-48 under 35 U.S.C. § 103(a) over Bloebaum et al. (U.S. Patent No. 6,204,808), and in view of DeLorme et al. (U.S. Patent No. 6,321,158), and in view of Maeda et al. (U.S. Patent No. 6,226,589).

The rejection is traversed; however, Applicant amends claims 1, 8, 9, 11, 16, 17, 19, 20, 29, 37-40, 42, and 48 to expedite prosecution, and without prejudice to pursuing the claims as previously presented or in other forms.

Applicant respectfully submits that the combination of Maeda with DeLorme and/or Bloebaum fails to disclose all the features recited by claim 1, including those features added by amendment in the present response. For example, claim 1 recites, in part:

> detecting, by the mobile communication device, signal interference;
> generating, by the mobile communication device, an indication of the signal interference;
> communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the GPS information from the mobile communication device to the remote source.

Although of different scope than claim 1, independent claims 11, 29, and 37 recite certain features similar to those discussed above in claim 1, such that the comments directed to claim 1 also apply to claims 11, 29, and 37. Because claims 3-10, 12, 14, 16, 17, 38-41, and 48 depend directly or indirectly from independent claims 1, 11, 29, or 37, the comments and revisions directed above to claims 1, 11, 29, and 37 apply equally to claims 3-10, 12, 14, 16, 17, 38-41, and 48. In addition, claims 3-10, 12, 14, 16, 17, 38-41, and 48 recite further subject matter.

Claim 18, as amended, recites, in part:

> acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device;
> communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.

Applicant respectfully submits that the cited references, alone or in combination, fails to teach or suggest at least these elements of claim 18. At page 8 of the Office Action, the Examiner alleged that Bloebaum discloses acquiring, by a communication device, environmental information associated with the current location and communicating the environmental information from the communication device to a remote server.

However, Bloebaum fails to teach or suggest "*communicating, by the communication device, the plurality of items of information, including the GPS information and the*

environmental information associated with the current location, to a remote server." In contrast, Bloebaum only describes that the assistance data is transmitted to the mobile station. The relevant portions of Bloebaum disclose: "The system includes a wireless network control system including GPS receivers for obtaining ephemeris data. The control system develops assistance information from the ephemeris data and transmits the assistance information to the mobile station via the wireless network." (Abstract with *emphasis added*). Bloebaum further discloses: "Mobile Location Center (MLC) 14 is responsible for obtaining the GPS assistance information and translating it into the format required by the GPS-MS 10. The MLC 14 likely will receive the assistance in the form of ephemeris and clock correction data." (Column 9, lines 38-45).

Additionally, Applicant respectfully submits that Bloebaum fails to disclose "*wherein the environmental information is acquired by one or more sensory input devices of the communication device,*" as recited by claim 18 as amended herein.

Applicant respectfully submits that both DeLorme and Maeda fail to cure the deficiencies of Bloebaum discussed above with regard to claim 18.

Although of different scope than claim 18, independent claims 20 and 42 recite certain features similar to those discussed above in claim 18, such that the comments directed to claim 18 also apply to claims 20 and 42. Because claims 19, 21, 23, 26, and 43-47 depend directly or indirectly from independent claims 18, 20, or 42, the comments and revisions directed above to claims 18, 20, and 42 apply equally to claims 19, 21, 23, 26, and 43-47. In addition, claims 19, 21, 23, 26, and 43-47 recite further subject matter. For example, claim 19 recites the method of claim 18, and further "*wherein the communication device comprises a camera and wherein the environmental information includes image data captured by the camera.*"

In rejecting claim 19, the examiner asserted Delorme discloses these features based on the reasoning that "DeLorme shows that the mobile device has ability to have a digital camera." (Office Action, page 24). Applicant respectfully disagrees.

The Examiner is reminded that dependent claims are assessed in the context of the respective independent claim. Claim 18 recites, in part, "*communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.* And claim 19 recites *wherein the environmental information includes image data captured by the camera.*"

Thus, per claim 19, "*image data captured by the camera*" is communicated by the communication device to the remote server as environmental information.

DeLorme discloses a digital camera coupled to a mobile device. Applicant respectfully submits that the mere existence of a digital camera coupled to a mobile device, per DeLorme, does not necessarily disclose communicating image data captured by the camera to a remote server. Consequently, claim 19 is nonobvious over the prior art of record on a plain reading of the recited features.

Accordingly, reconsideration and withdrawal of the rejection of claims 1, 3-12, 14, 16-21, 23, 25-27, 29, 37-44, 46, and 48 is respectfully requested.

New Claims

Applicant adds new claims 49-54 for consideration together with the pending claims. Support for the new claims can be found variously throughout the application. By way of non-exhaustive example, support for new dependent claims 49-53 can be found at paragraphs 0041 to 0046 of the specification as published. Similarly, by way of non-exhaustive example, support for new dependent claim 54 can be found at paragraph 0047 of the specification as published.

It should also be noted that although arguments have been presented with respect to certain claims herein, the recited subject matter as well as various other subject matter and/or combinations of subject matter may be patentable for other reasons. Further, the failure to address any statement by the Examiner herein should not be interpreted as acquiescence or agreement with such statement. Applicant expressly reserves the right to set forth additional and/or alternative reasons for patentability and/or allowance with the present Application or in any other future proceeding, and to rebut any statement presented by the Examiner in this or other papers during prosecution of the present Application.

CONCLUSION

For the foregoing reasons, the Applicant respectfully requests reconsideration and allowance of the present application. The Examiner is encouraged to telephone the undersigned at (503) 546-1812 if it appears that an interview would be helpful in advancing the case.

Customer No. 11788

Respectfully submitted,

STOLOWITZ FORD COWGER LLP



Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

Electronic Acknowledgement Receipt	
EFS ID:	18066469
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	30-JAN-2014
Filing Date:	14-FEB-2008
Time Stamp:	11:18:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		7398-0010_Amend_E_Rplmt.pdf	558004 5219edb49eb152db630522ad1887241ccbec581d	yes	15

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Response After Final Action	1	1
	Claims	2	10
	Applicant Arguments/Remarks Made in an Amendment	11	15
Warnings:			
Information:			
	Total Files Size (in bytes):	558004	

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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/014,093	Filing Date 02/14/2008	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

AMENDMENT **01/29/2014**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 35	Minus	** 36	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 7	Minus	***8	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT **01/30/2014**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 35	Minus	** 36	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 7	Minus	*** 8	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

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

LIE
/KAREN VESTAL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	12/014,093	Filing Date	2008-02-14	Docket Number (if applicable)	7398-0010	Art Unit	2646
First Named Inventor	Scott C. HARRIS			Examiner Name	Diego D. HERRERA		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

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

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

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

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

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

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 504348

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/Bryan D. Kirkpatrick/	Date (YYYY-MM-DD)	2014-01-29
Name	Bryan D. KIRKPATRICK	Registration Number	53135

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2646
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	January 29, 2014

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

AMENDMENT ACCOMPANIED BY
REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER 37 CFR § 1.114

Responsive to the Final Office Action dated November 7, 2013, and the Advisory Action dated January 27, 2014, please amend the application as follows.

Claim Amendments begin on page 2.

Remarks/Arguments begin on page 11.

CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) A method, comprising:

receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information ~~and additional information about the current position of the mobile communication device other than the GPS information~~;

detecting, by the mobile communication device, signal interference;

generating, by the mobile communication device, an indication of the signal interference;

communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the ~~information, including the~~ GPS information~~, about the current location~~ from the mobile communication device to the remote source~~, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format~~;

receiving, by the mobile communication device, navigation information from the remote source in response to sending both the indication of the signal interference and the GPS information ~~about the current location~~, wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device; and

displaying, by the mobile communication device, the map based on the navigation information.

2-6. (Cancelled)

7. (Previously Presented) The method of claim 1, wherein the navigation information is associated with a direction of travel, and wherein the method comprises deleting or ignoring, by the mobile communication device, information that is not associated with the direction of travel.

8. (Currently Amended) The method of claim 1, wherein the navigation information ~~includes~~ comprises additional information about an area around the current location.

9. (Currently Amended) The method of claim 1, wherein the navigation information ~~includes~~ comprises first mapping information associated with a first time centered around a first local position, and wherein the method comprises receiving, by the mobile communication device, additional navigation information ~~including~~ comprising second mapping information associated with a second time centered around a second location different than the first local position.

10. (Previously Presented) The method of claim 9, wherein the first mapping information is associated with a first direction of travel from the second local position to the first local position, and wherein the second mapping information is associated with a second direction of travel from the first local position to the second local position.

11. (Currently Amended) A method, comprising:

receiving, by a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) information and additional information about a local position of the mobile communication device other than the GPS information, wherein the additional information comprises an indication of signal interference detected at the mobile communication device ~~at least a portion of the GPS information is received in an Extensible Markup Language (XML) format~~;

determining, by the server, navigation information associated with the local position based on both the GPS ~~position~~ information and the indication of signal interference, wherein the navigation information comprises data for plotting a course on a map including the local position of the mobile communication device; and

transmitting, by the server, the navigation information to the mobile communication device.

12. (Previously Presented) The method of claim 11, further comprising:

receiving, by the server, new position information indicating a new position of the mobile communication device; and

transmitting, by the server, new navigation information associated with the new position to the mobile communication device responsive to receiving the new position information.

13. (Cancelled)

14. (Previously Presented) The method of claim 12, wherein transmitting the navigation information comprises transmitting first mapping information at a first time associated with the local position, and wherein transmitting the new navigation information comprises transmitting second mapping information at a second time associated with the new position.

15. (Cancelled)

16. (Currently Amended) The method of claim 11, wherein the additional information ~~includes~~ further comprises information about at least one base station which is communicating with the mobile communication device.

17. (Currently Amended) The method of claim 11, wherein the additional information ~~includes~~ further comprises information associated with a local transponder.

18. (Currently Amended) A method comprising:

acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device;

communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server;

receiving, by the communication device, current position information in response to communicating the plurality of items of information, wherein the current position information comprises data for plotting a course on a map including the current location of the communication device; and

displaying, by the communication device, the map based on the current position information.

19. (Currently Amended) The method of claim 18, wherein the communication device comprises a camera and wherein the environmental information ~~includes~~ comprises image data captured by the camera.

20. (Currently Amended) A system, comprising:

a communication interface configured to receive a communication from a cellular telephone over a cellular telephone network, wherein the communication comprises global positioning system (GPS) information and environmental information about a current position of the cellular telephone, and wherein the environmental information is acquired by one or more sensory input devices of the cellular telephone ~~wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format~~;

a database configured to store local information associated with the current position; and

a processing device configured to:

process the GPS information and the environmental information;

retrieve the local information from the database in response to processing the GPS information and the environmental information;

generate mapping information associated with the current position, wherein the mapping information comprises data for plotting a course on a map including the current position of the cellular telephone; and

cause the mapping information to be transmitted to the cellular telephone.

21. (Previously Presented) The system of claim 20, wherein the processing device is further configured to generate new mapping information associated with a new position of the cellular telephone.

22. (Cancelled)

23. (Previously Presented) The system of claim 21, wherein the mapping information is generated at a first time associated with the current position, and wherein the new mapping information is generated at a second time associated with the new position.

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) The system of claim 21, wherein the mapping information comprises navigation instructions from the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second direction of travel.

27. (Cancelled)

28. (Cancelled)

29. (Currently Amended) A system comprising:

a mobile communication device located at a current position;

a base station configured to receive wireless communications from the mobile communication device, wherein the wireless communications comprise GPS information and additional information about the current position of the mobile communication device, and wherein the additional information comprises an indication of signal interference detected at the mobile communication device; and

a remote processor configured to:

communicate with the mobile communication device via the base station, wherein in response to receiving data from the mobile communication device, the remote processor is further configured to:

generate navigation information associated with the current position of the mobile communication device, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device; and

transmit the navigation information for displaying the map on the mobile communication device.

30-36. (Cancelled)

37. (Currently Amended) A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

generating location data associated with a current position of a mobile communication device based on one or more global positioning system (GPS) signals;

~~receiving supplemental information associated with a current position of a mobile communication device;~~

detecting signal interference at the mobile communication device;

generating an indication of the detected signal interference;

transmitting the location data and the ~~supplemental information~~ indication of the detected interference ~~from the mobile communication device~~ to a remote processing device~~, wherein at least a portion of the location data is transmitted in an Extensible Markup Language (XML) format~~; and

receiving navigation information associated with the current position, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device.

38. (Currently Amended) The memory device of claim 37, further comprising receiving supplemental information associated with the current position of the mobile communication device, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source.

39. (Currently Amended) The memory device of claim 38, wherein the first remote source comprises a base station in communication with [[a]] the mobile communication device.

40. (Currently Amended) The memory device of claim 39, wherein the ~~environmental~~ supplemental information comprises an identity of the base station.

41. (Previously Presented) The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device.

42. (Currently Amended) An apparatus, comprising:

means for determining a current location of the apparatus;

means for displaying navigation instructions;

means for wirelessly communicating information about the current location to a remote processing device, wherein the information about the current location comprises global positioning system (GPS) information and environmental information about the current location other than the GPS information, and wherein the environmental information comprises visual or auditory sensory input acquired by the apparatus ~~and wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format~~; and

means for wirelessly receiving the navigation instructions associated with the current location, wherein the navigation instructions comprises data for plotting a course on a map including the current location of the apparatus.

43. (Previously Presented) The apparatus of claim 42, wherein the data for plotting the course on the map is generated by the remote processing device.

44. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the GPS information.

45. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the environmental information.

46. (Previously Presented) The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device, and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location.

47. (Previously Presented) The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location.

48. (Currently Amended) The method of claim 1, wherein [[the]] at least a portion of the GPS information [[that]] is communicated in XML format and comprises one or more different XML tags that indicate a type of the additional information being communicated by the mobile communication device.

49. (Previously Presented) The method of claim 11, wherein determining the navigation information comprises comparing the indication of signal interference with interference signatures in a database of environmental factors.

50. (Previously Presented) The method of claim 1, wherein the signal interference comprises failure to detect a signal over a time period.

51. (Previously Presented) The method of claim 50, wherein the signal is an expected signal.

52 (Previously Presented) The method of claim 1, wherein the signal inference is indicative of a noise signature associated with the current location.

53. (Previously Presented) The method of claim 1, wherein the signal interference is indicative of a signal power of one or more signals received by the mobile communication device.

54. (Previously Presented) The method of claim 18, wherein the communication device comprises a microphone and wherein the environmental information comprises sound data captured by the microphone.

REMARKS

The application included claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-48 prior to entering this amendment.

The Applicant amends claims 1, 3, 8, 9, 11, 16, 17, 19, 20, 29, 37-40, 42, and 48, and cancels claims 3-6, 25, and 27 without prejudice.

The Applicant adds new claims 49-54. No new matter is added.

The application remains with claims 1, 7-12, 14, 16-21, 23, 26, 29, and 37-54 after entering this amendment.

Request for Continued Examination - 35 U.S.C. § 132(b) and 37 CFR § 1.114

Applicant is filing herewith a Request for Continued Examination. Authorization to pay the examination fee is included with this response.

This Amendment is being filed responsive to the Final Office Action dated November 7, 2013, and the Advisory Action dated January 27, 2014. The Advisory Action identified that the Response after Final dated January 27, 2010 was not entered. Accordingly, the present amendment of claims is made with respect to the claims which were pending prior to filing the Response after Final.

Claim Rejections - 35 USC. § 103

The Examiner rejected claims 1, 3-12, 14, 16-21, 23, 25-27, and 37-48 under 35 U.S.C. § 103(a) over Bloebaum et al. (U.S. Patent No. 6,204,808), and in view of DeLorme et al. (U.S. Patent No. 6,321,158), and in view of Maeda et al. (U.S. Patent No. 6,226,589).

The rejection is traversed; however, Applicant amends claims 1, 8, 9, 11, 16, 17, 19, 20, 29, 37-40, 42, and 48 to expedite prosecution, and without prejudice to pursuing the claims as previously presented or in other forms.

Applicant respectfully submits that the combination of Maeda with DeLorme and/or Bloebaum fails to disclose all the features recited by claim 1, including those features added by amendment in the present response. For example, claim 1 recites, in part:

> detecting, by the mobile communication device, signal interference;
> generating, by the mobile communication device, an indication of the signal interference;

communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the GPS information from the mobile communication device to the remote source.

Although of different scope than claim 1, independent claims 11, 29, and 37 recite certain features similar to those discussed above in claim 1, such that the comments directed to claim 1 also apply to claims 11, 29, and 37. Because claims 3-10, 12, 14, 16, 17, 38-41, and 48 depend directly or indirectly from independent claims 1, 11, 29, or 37, the comments and revisions directed above to claims 1, 11, 29, and 37 apply equally to claims 3-10, 12, 14, 16, 17, 38-41, and 48. In addition, claims 3-10, 12, 14, 16, 17, 38-41, and 48 recite further subject matter.

Claim 18, as amended, recites, in part:

acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device;

communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.

Applicant respectfully submits that the cited references, alone or in combination, fails to teach or suggest at least these elements of claim 18. At page 8 of the Office Action, the Examiner alleged that Bloebaum discloses acquiring, by a communication device, environmental information associated with the current location and communicating the environmental information from the communication device to a remote server.

However, Bloebaum fails to teach or suggest "*communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server*." In contrast, Bloebaum only describes that the assistance data is transmitted to the mobile station. The relevant portions of Bloebaum disclose: "The system includes a wireless network control system including GPS receivers for obtaining ephemeris data. The control system develops assistance information from the ephemeris data and transmits the assistance information to the mobile

station via the wireless network." (Abstract with *emphasis added*). Bloebaum further discloses: "Mobile Location Center (MLC) 14 is responsible for obtaining the GPS assistance information and translating it into the format required by the GPS-MS 10. The MLC 14 likely will receive the assistance in the form of ephemeris and clock correction data." (Column 9, lines 38-45).

Additionally, Applicant respectfully submits that Bloebaum fails to disclose "*wherein the environmental information is acquired by one or more sensory input devices of the communication device,*" as recited by claim 18 as amended herein.

Applicant respectfully submits that both DeLorme and Maeda fail to cure the deficiencies of Bloebaum discussed above with regard to claim 18.

Although of different scope than claim 18, independent claims 20 and 42 recite certain features similar to those discussed above in claim 18, such that the comments directed to claim 18 also apply to claims 20 and 42. Because claims 19, 21, 23, 26, and 43-47 depend directly or indirectly from independent claims 18, 20, or 42, the comments and revisions directed above to claims 18, 20, and 42 apply equally to claims 19, 21, 23, 26, and 43-47. In addition, claims 19, 21, 23, 26, and 43-47 recite further subject matter. For example, claim 19 recites the method of claim 18, and further "*wherein the communication device comprises a camera and wherein the environmental information includes image data captured by the camera.*"

In rejecting claim 19, the examiner asserted Delorme discloses these features based on the reasoning that "DeLorme shows that the mobile device has ability to have a digital camera." (Office Action, page 24). Applicant respectfully disagrees.

The Examiner is reminded that dependent claims are assessed in the context of the respective independent claim. Claim 18 recites, in part, "*communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.* And claim 19 recites *wherein the environmental information includes image data captured by the camera.*" Thus, per claim 19, "*image data captured by the camera*" is communicated by the communication device to the remote server as environmental information.

DeLorme discloses a digital camera coupled to a mobile device. Applicant respectfully submits that the mere existence of a digital camera coupled to a mobile device, per DeLorme, does not necessarily disclose communicating image data captured by the camera to a remote

server. Consequently, claim 19 is nonobvious over the prior art of record on a plain reading of the recited features.

Accordingly, reconsideration and withdrawal of the rejection of claims 1, 3-12, 14, 16-21, 23, 25-27, 29, 37-44, 46, and 48 is respectfully requested.

New Claims

Applicant adds new claims 49-54 for consideration together with the pending claims. Support for the new claims can be found variously throughout the application. By way of non-exhaustive example, support for new dependent claims 49-53 can be found at paragraphs 0041 to 0046 of the specification as published. Similarly, by way of non-exhaustive example, support for new dependent claim 54 can be found at paragraph 0047 of the specification as published.

It should also be noted that although arguments have been presented with respect to certain claims herein, the recited subject matter as well as various other subject matter and/or combinations of subject matter may be patentable for other reasons. Further, the failure to address any statement by the Examiner herein should not be interpreted as acquiescence or agreement with such statement. Applicant expressly reserves the right to set forth additional and/or alternative reasons for patentability and/or allowance with the present Application or in any other future proceeding, and to rebut any statement presented by the Examiner in this or other papers during prosecution of the present Application.

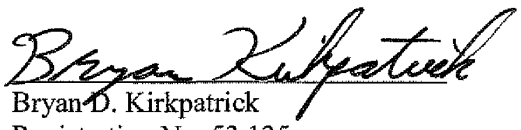
CONCLUSION

For the foregoing reasons, the Applicant respectfully requests reconsideration and allowance of the present application. The Examiner is encouraged to telephone the undersigned at (503) 546-1812 if it appears that an interview would be helpful in advancing the case.

Customer No. 11788

Respectfully submitted,

STOLOWITZ FORD COWGER LLP



Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

Electronic Patent Application Fee Transmittal	
Application Number:	12014093
Filing Date:	14-Feb-2008
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Filer:	Bryan Kirkpatrick/Theresa Belland
Attorney Docket Number:	7398-0010
Filed as Large 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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	1820	1	1700	1700
		Total in USD ($)		**1700**

Electronic Acknowledgement Receipt

EFS ID:	18063866
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	29-JAN-2014
Filing Date:	14-FEB-2008
Time Stamp:	19:32:10
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	7398-0010_EFS_Trans_Ltr_Amend_E.pdf	18883 7967ef146357266cb4f79b1386dd39d233fd6cf7	no	1
Warnings:					
Information:					

2	Request for Continued Examination (RCE)	7398-0010_RCE_01-29-14.pdf	797469 2d88871156127d8e45ec070476c209da990cf13f	no	3
Warnings:					
Information:					
3		7398-0010_Amend_E.pdf	552557 d857e6cc4ae2eec9c3f3a58fdfced0d3e96dfd04	yes	15

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Response After Final Action	1	1
	Claims	2	10
	Applicant Arguments/Remarks Made in an Amendment	11	15

Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30315 51ace1ae555818fc7bca88ef7326c46f5bd079d4	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1399224		

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.

PATENT APPLICATION
Application No.: 12/014,093
Confirmation No.: 9898
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MISCELLANEOUS TRANSMITTAL LETTER FOR EFS FILINGS OF AMENDMENTS REGARDING PAYMENT OF FEES AND EXTENSION OF TIME

	Claims After Amendment	Highest Number Previously Paid	Present Extra Claims
Total Claims	35	36	-0-
Independent Claims	7	8	-0-

☐ Applicants petition the Commissioner to extend the time for response (if applicable).

☒ Payment of fees is made via electronic filing system authorizing credit card payments.

☒ In the event of computer malfunction, Applicants request that any fees be charged to Deposit Account No. 50-4348.

☒ Please charge any deficiency or credit any over-payment to Deposit Account No. 50-4348.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

Electronic Patent Application Fee Transmittal	
Application Number:	12014093
Filing Date:	14-Feb-2008
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Filer:	Bryan Kirkpatrick/Theresa Belland
Attorney Docket Number:	7398-0010
Filed as Large 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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	1820	1	1700	1700
		Total in USD ($)		**1700**

Electronic Acknowledgement Receipt	
EFS ID:	18063913
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	29-JAN-2014
Filing Date:	14-FEB-2008
Time Stamp:	19:38:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$1700
RAM confirmation Number	5489
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1	Fee Worksheet (SB06)	fee-info.pdf	30314 a12ee4636314e98248af7b8514fb82b177eb979d	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	30314	

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.

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

11788 7590 01/27/2014

Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

EXAMINER	
HERRERA, DIEGO D	
ART UNIT	PAPER NUMBER
2646	

NOTIFICATION DATE	DELIVERY MODE
01/27/2014	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptomail@stofoco.com
stofoco@blackhillsip.com

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 12/014,093	**Applicant(s)** HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	**Art Unit** 2646	**AIA (First Inventor to File) Status** No

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

THE REPLY FILED 07 January 2014 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:
   a) ☐ The period for reply expires _____months from the mailing date of the final rejection.
   b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.
   Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
   b) ☐ They raise the issue of new matter (see NOTE below);
   c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.
   NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☒ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: the applicant has amended the claims and thereby changed the scope of the claims therefore, the amendment raise new issues that would require consideration and search.
13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
14. ☐ Other: _____.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:
    Claim(s) allowed: .
    Claim(s) objected to: .
    Claim(s) rejected: .
    Claim(s) withdrawn from consideration:

/LESTER KINCAID/ Supervisory Patent Examiner, Art Unit 2646	/DIEGO HERRERA/ Examiner, Art Unit 2646

DO NOT ENTER: /D.H./

/D.H./

RESPONSE UNDER 37 CFR § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2646

PATENT APPLICATION
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2646
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	January 6, 2014

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

AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR § 1.116

Responsive to the Final Office Action dated November 7, 2013, please amend the application as follows.

Claim Amendments begin on page 2.

Remarks/Arguments begin on page 11.

RESPONSE UNDER 37 CFR § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2646

PATENT APPLICATION
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2646
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	January 6, 2014

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

AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR § 1.116

Responsive to the Final Office Action dated November 7, 2013, please amend the application as follows.

Claim Amendments begin on page 2.

Remarks/Arguments begin on page 11.

CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) A method, comprising:

receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information ~~and additional information about the current position of the mobile communication device other than the GPS information~~;

detecting, by the mobile communication device, signal interference;

generating, by the mobile communication device, an indication of the signal interference;

communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the ~~information, including the~~ GPS information~~, about the current location~~ from the mobile communication device to the remote source~~, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format~~;

receiving, by the mobile communication device, navigation information from the remote source in response to sending both the indication of the signal interference and the GPS information ~~about the current location~~, wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device; and

displaying, by the mobile communication device, the map based on the navigation information.

2-6. (Cancelled)

7. (Previously Presented) The method of claim 1, wherein the navigation information is associated with a direction of travel, and wherein the method comprises deleting or ignoring, by the mobile communication device, information that is not associated with the direction of travel.

8. (Currently Amended) The method of claim 1, wherein the navigation information ~~includes~~ comprises additional information about an area around the current location.

9. (Currently Amended) The method of claim 1, wherein the navigation information ~~includes~~ comprises first mapping information associated with a first time centered around a first local position, and wherein the method comprises receiving, by the mobile communication device, additional navigation information ~~including~~ comprising second mapping information associated with a second time centered around a second location different than the first local position.

10. (Previously Presented) The method of claim 9, wherein the first mapping information is associated with a first direction of travel from the second local position to the first local position, and wherein the second mapping information is associated with a second direction of travel from the first local position to the second local position.

11. (Currently Amended) A method, comprising:

receiving, by a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) information and additional information about a local position of the mobile communication device other than the GPS information, wherein the additional information comprises an indication of signal interference detected at the mobile communication device ~~at least a portion of the GPS information is received in an Extensible Markup Language (XML) format~~;

determining, by the server, navigation information associated with the local position based on both the GPS ~~position~~ information and the indication of signal interference, wherein the navigation information comprises data for plotting a course on a map including the local position of the mobile communication device; and

transmitting, by the server, the navigation information to the mobile communication device.

12. (Previously Presented) The method of claim 11, further comprising:

receiving, by the server, new position information indicating a new position of the mobile communication device; and

transmitting, by the server, new navigation information associated with the new position to the mobile communication device responsive to receiving the new position information.

13. (Cancelled)

14. (Previously Presented) The method of claim 12, wherein transmitting the navigation information comprises transmitting first mapping information at a first time associated with the local position, and wherein transmitting the new navigation information comprises transmitting second mapping information at a second time associated with the new position.

15. (Cancelled)

16. (Currently Amended) The method of claim 11, wherein the additional information ~~includes~~ further comprises information about at least one base station which is communicating with the mobile communication device.

17. (Currently Amended) The method of claim 11, wherein the additional information ~~includes~~ further comprises information associated with a local transponder.

18. (Currently Amended) A method comprising:

acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device;

communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server;

receiving, by the communication device, current position information in response to communicating the plurality of items of information, wherein the current position information comprises data for plotting a course on a map including the current location of the communication device; and

displaying, by the communication device, the map based on the current position information.

19. (Currently Amended) The method of claim 18, wherein the communication device comprises a camera and wherein the environmental information ~~includes~~ comprises image data captured by the camera.

20. (Currently Amended) A system, comprising:

a communication interface configured to receive a communication from a cellular telephone over a cellular telephone network, wherein the communication comprises global positioning system (GPS) information and environmental information about a current position of the cellular telephone, and wherein the environmental information is acquired by one or more sensory input devices of the cellular telephone ~~wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format~~;

a database configured to store local information associated with the current position; and

a processing device configured to:

process the GPS information and the environmental information;

retrieve the local information from the database in response to processing the GPS information and the environmental information;

generate mapping information associated with the current position, wherein the mapping information comprises data for plotting a course on a map including the current position of the cellular telephone; and

cause the mapping information to be transmitted to the cellular telephone.

21. (Previously Presented) The system of claim 20, wherein the processing device is further configured to generate new mapping information associated with a new position of the cellular telephone.

22. (Cancelled)

23. (Previously Presented) The system of claim 21, wherein the mapping information is generated at a first time associated with the current position, and wherein the new mapping information is generated at a second time associated with the new position.

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) The system of claim 21, wherein the mapping information comprises navigation instructions from the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second direction of travel.

27. (Cancelled)

28. (Cancelled)

29. (Currently Amended) A system comprising:

a mobile communication device located at a current position;

a base station configured to receive wireless communications from the mobile communication device, wherein the wireless communications comprise GPS information and additional information about the current position of the mobile communication device, and wherein the additional information comprises an indication of signal interference detected at the mobile communication device; and

a remote processor configured to:

communicate with the mobile communication device via the base station, wherein in response to receiving data from the mobile communication device, the remote processor is further configured to:

generate navigation information associated with the current position of the mobile communication device, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device; and

transmit the navigation information for displaying the map on the mobile communication device.

30-36. (Cancelled)

37. (Currently Amended) A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

generating location data associated with a current position of a mobile communication device based on one or more global positioning system (GPS) signals;

~~receiving supplemental information associated with a current position of a mobile communication device;~~

detecting signal interference at the mobile communication device;

generating an indication of the detected signal interference;

transmitting the location data and the ~~supplemental information~~ indication of the detected interference ~~from the mobile communication device~~ to a remote processing device~~, wherein at least a portion of the location data is transmitted in an Extensible Markup Language (XML) format~~; and

receiving navigation information associated with the current position, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device.

38. (Currently Amended) The memory device of claim 37, further comprising receiving supplemental information associated with the current position of the mobile communication device, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source.

39. (Currently Amended) The memory device of claim 38, wherein the first remote source comprises a base station in communication with [[a]] the mobile communication device.

40. (Currently Amended) The memory device of claim 39, wherein the ~~environmental~~ supplemental information comprises an identity of the base station.

41. (Previously Presented) The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device.

42. (Currently Amended) An apparatus, comprising:

means for determining a current location of the apparatus;

means for displaying navigation instructions;

means for wirelessly communicating information about the current location to a remote processing device, wherein the information about the current location comprises global positioning system (GPS) information and environmental information about the current location other than the GPS information, and wherein the environmental information comprises visual or auditory sensory input acquired by the apparatus ~~and wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format~~; and

means for wirelessly receiving the navigation instructions associated with the current location, wherein the navigation instructions comprises data for plotting a course on a map including the current location of the apparatus.

43. (Previously Presented) The apparatus of claim 42, wherein the data for plotting the course on the map is generated by the remote processing device.

44. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the GPS information.

45. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the environmental information.

46. (Previously Presented) The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device, and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location.

47. (Previously Presented) The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location.

48. (Currently Amended) The method of claim 1, wherein [[the]] at least a portion of the GPS information [[that]] is communicated in XML format and comprises one or more different XML tags that indicate a type of the additional information being communicated by the mobile communication device.

49. (New) The method of claim 11, wherein determining the navigation information comprises comparing the indication of signal interference with interference signatures in a database of environmental factors.

50. (New) The method of claim 1, wherein the signal interference comprises failure to detect a signal over a time period.

51. (New) The method of claim 50, wherein the signal is an expected signal.

52 (New) The method of claim 1, wherein the signal inference is indicative of a noise signature associated with the current location.

53. (New) The method of claim 1, wherein the signal interference is indicative of a signal power of one or more signals received by the mobile communication device.

54. (New) The method of claim 18, wherein the communication device comprises a microphone and wherein the environmental information comprises sound data captured by the microphone.

REMARKS

The application included claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-48 prior to entering this amendment.

The Applicant amends claims 1, 3, 8, 9, 11, 16, 17, 19, 20, 29, 37-40, 42, and 48, and cancels claims 3-6, 25, and 27 without prejudice.

The Applicant adds new claims 49-54. No new matter is added.

The application remains with claims 1, 7-12, 14, 16-21, 23, 26, 29, and 37-54 after entering this amendment.

Claim Rejections - 35 USC. § 103

The Examiner rejected claims 1, 3-12, 14, 16-21, 23, 25-27, and 37-48 under 35 U.S.C. § 103(a) over Bloebaum et al. (U.S. Patent No. 6,204,808), and in view of DeLorme et al. (U.S. Patent No. 6,321,158), and in view of Maeda et al. (U.S. Patent No. 6,226,589).

The rejection is traversed; however, Applicant amends claims 1, 8, 9, 11, 16, 17, 19, 20, 29, 37-40, 42, and 48 to expedite prosecution, and without prejudice to pursuing the claims as previously presented or in other forms.

Applicant respectfully submits that the combination of Maeda with DeLorme and/or Bloebaum fails to disclose all the features recited by claim 1, including those features added by amendment in the present response. For example, claim 1 recites, in part:

> detecting, by the mobile communication device, signal interference;
> generating, by the mobile communication device, an indication of the signal interference;
> communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending both the indication of the signal interference and the GPS information from the mobile communication device to the remote source.

Although of different scope than claim 1, independent claims 11, 29, and 37 recite certain features similar to those discussed above in claim 1, such that the comments directed to claim 1 also apply to claims 11, 29, and 37. Because claims 3-10, 12, 14, 16, 17, 38-41, and 48 depend directly or indirectly from independent claims 1, 11, 29, or 37, the comments and revisions directed above to claims 1, 11, 29, and 37 apply equally to claims 3-10, 12, 14, 16, 17, 38-41, and 48. In addition, claims 3-10, 12, 14, 16, 17, 38-41, and 48 recite further subject matter.

Claim 18, as amended, recites, in part:

> acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location, and wherein the environmental information is acquired by one or more sensory input devices of the communication device;
>
> communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.

Applicant respectfully submits that the cited references, alone or in combination, fails to teach or suggest at least these elements of claim 18. At page 8 of the Office Action, the Examiner alleged that Bloebaum discloses acquiring, by a communication device, environmental information associated with the current location and communicating the environmental information from the communication device to a remote server.

However, Bloebaum fails to teach or suggest "*communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.*" In contrast, Bloebaum only describes that the assistance data is transmitted to the mobile station. The relevant portions of Bloebaum disclose: "The system includes a wireless network control system including GPS receivers for obtaining ephemeris data. The control system develops assistance information from the ephemeris data and transmits the assistance information to the mobile station via the wireless network." (Abstract with *emphasis added*). Bloebaum further discloses: "Mobile Location Center (MLC) 14 is responsible for obtaining the GPS assistance information and translating it into the format required by the GPS-MS 10. The MLC 14 likely will receive the assistance in the form of ephemeris and clock correction data." (Column 9, lines 38-45).

Additionally, Applicant respectfully submits that Bloebaum fails to disclose "*wherein the environmental information is acquired by one or more sensory input devices of the communication device,*" as recited by claim 18 as amended herein.

Applicant respectfully submits that both DeLorme and Maeda fail to cure the deficiencies of Bloebaum discussed above with regard to claim 18.

Although of different scope than claim 18, independent claims 20 and 42 recite certain features similar to those discussed above in claim 18, such that the comments directed to claim 18 also apply to claims 20 and 42. Because claims 19, 21, 23, 26, and 43-47 depend directly or indirectly from independent claims 18, 20, or 42, the comments and revisions directed above to claims 18, 20, and 42 apply equally to claims 19, 21, 23, 26, and 43-47. In addition, claims 19, 21, 23, 26, and 43-47 recite further subject matter. For example, claim 19 recites the method of claim 18, and further "*wherein the communication device comprises a camera and wherein the environmental information includes image data captured by the camera.*"

In rejecting claim 19, the examiner asserted Delorme discloses these features based on the reasoning that "DeLorme shows that the mobile device has ability to have a digital camera." (Office Action, page 24). Applicant respectfully disagrees.

The Examiner is reminded that dependent claims are assessed in the context of the respective independent claim. Claim 18 recites, in part, "*communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server.* And claim 19 recites *wherein the environmental information includes image data captured by the camera.*" Thus, per claim 19, "*image data captured by the camera*" is communicated by the communication device to the remote server as environmental information.

DeLorme discloses a digital camera coupled to a mobile device. Applicant respectfully submits that the mere existence of a digital camera coupled to a mobile device, per DeLorme, does not necessarily disclose communicating image data captured by the camera to a remote server. Consequently, claim 19 is nonobvious over the prior art of record on a plain reading of the recited features.

Accordingly, reconsideration and withdrawal of the rejection of claims 1, 3-12, 14, 16-21, 23, 25-27, 29, 37-44, 46, and 48 is respectfully requested.

New Claims

Applicant adds new claims 49-54 for consideration together with the pending claims. Support for the new claims can be found variously throughout the application. By way of non-exhaustive example, support for new dependent claims 49-53 can be found at paragraphs 0041 to 0046 of the specification as published. Similarly, by way of non-exhaustive example, support for new dependent claim 54 can be found at paragraph 0047 of the specification as published.

It should also be noted that although arguments have been presented with respect to certain claims herein, the recited subject matter as well as various other subject matter and/or combinations of subject matter may be patentable for other reasons. Further, the failure to address any statement by the Examiner herein should not be interpreted as acquiescence or agreement with such statement. Applicant expressly reserves the right to set forth additional and/or alternative reasons for patentability and/or allowance with the present Application or in any other future proceeding, and to rebut any statement presented by the Examiner in this or other papers during prosecution of the present Application.

CONCLUSION

For the foregoing reasons, the Applicant respectfully requests reconsideration and allowance of the present application. The Examiner is encouraged to telephone the undersigned at (503) 546-1812 if it appears that an interview would be helpful in advancing the case.

Customer No. 11788

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

Electronic Acknowledgement Receipt	
EFS ID:	17837028
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	07-JAN-2014
Filing Date:	14-FEB-2008
Time Stamp:	11:58:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		7398-0010_Amend_D.pdf	550585 7f8296290430c1222c840c2ff3736c72c93af686	yes	15

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Response After Final Action	2	2
	Claims	3	11
	Applicant Arguments/Remarks Made in an Amendment	12	15
Warnings:			
Information:			
	Total Files Size (in bytes):	550585	

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.

PATENT APPLICATION
Application No.: 12/014,093
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MISCELLANEOUS TRANSMITTAL LETTER FOR EFS FILINGS OF AMENDMENTS REGARDING PAYMENT OF FEES AND EXTENSION OF TIME

	Claims After Amendment	Highest Number Previously Paid	Present Extra Claims
Total Claims	35	36	-0-
Independent Claims	7	8	-0-

☐ Applicants petition the Commissioner to extend the time for response (if applicable).

☐ Payment of fees is made via electronic filing system authorizing credit card payments.

☒ In the event of computer malfunction, Applicants request that any fees be charged to Deposit Account No. 50-4348.

☒ Please charge any deficiency or credit any over-payment to Deposit Account No. 50-4348.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/014,093	Filing Date 02/14/2008	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

AMENDMENT	01/07/2014	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 35	Minus	** 36	= 0	X $40 =	0
	Independent (37 CFR 1.16(h))	* 7	Minus	***8	= 0	X $210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

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

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

LIE
/MARQUITA JONES/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

11788 7590 11/07/2013

Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

EXAMINER	
HERRERA, DIEGO D	
ART UNIT	PAPER NUMBER
2646	

NOTIFICATION DATE	DELIVERY MODE
11/07/2013	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptomail@stofoco.com
stofoco@blackhillsip.com

Office Action Summary	Application No. 12/014,093	Applicant(s) HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	Art Unit 2646	AIA (First Inventor to File) Status No

-- 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 *3* 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 *8/30/2013*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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

5)☒ Claim(s) *1-48* is/are pending in the application.

5a) Of the above claim(s) *2,13,15,22,24,28 and 30-36* is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1,3-12,14,16-21,23,25-27,29 and 37-48* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ 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).

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).

Certified copies:

a)☐ All b)☐ Some * c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* 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) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

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

DETAILED ACTION

Claims 2, 13, 15, 22, 24, 28, and 30-36 have been cancelled.

Claims 1, 11, 18-20, 25-27, 29, 37, 40, 42-43, and 45 have been amended.

Claim 48 is a new claim.

Response to Arguments

Applicant's arguments with respect to claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-48 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Claim Rejections - 35 USC § 103

In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

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

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

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-48 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Bloebaum et al. (US), DeLorme et al. (US 6321158 B1), and in view of Maeda et al. (US 6226589 B1).

Regarding claim 1. A method of providing navigation information using a cellular telephone, comprising:

- receiving, by a mobile communication device (Col. 4 line: 1, Bloebaum et al. teaches mobile device with GPS receiver), information about a current location of the mobile communication device (col. 5 lines: 29-35, col. 9 lines: 38-63, Bloebaum et al. teaches mobile device receiving ephemeris data about its location); wherein the information about the current location includes global positioning system (GPS) information (abstract, Bloebaum et al. teaches sending information via wireless network to mobile device including that of ephemeris data) and additional information about the current position of the mobile communication device other than the GPS information (col. 5 lines: 39-48,

Bloebaum et al. teaches receiving along GPS information code phases and other information of the fixed wireless network to exactly measure location information);

- communicating, by the mobile communication device, with a remote source (MLC 14) over a wireless network (col. 7 lines: 17-28, Bloebaum et al. teaches mobile communicating when moving into new area wirelessly including HLR and VLR of the different networks hence over a wireless networks communicating with mobile device and networks),
- wherein said communicating comprises sending the information
- including the GPS information, about the current location from the mobile communication device to the remote source (MCL 14); (col. 20 lines: 45-57, Bloebaum et al. teaches mobile device sending information to the MCL 14 for calculation of current location within the serving area of the MCL 14),
- however, Bloebaum et al. is silent about wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format; nevertheless, Maeda et al. with XML with GPS information (col. 12 lines: 51-58, Maeda et al. teaches XML format for GPS information included). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include XML format with GPS information as taught by Maeda et al. for the purposes of easily and conveniently processing and outputting the guiding information.

- receiving by the mobile communication device, navigation information from remote source in response to sending the information about the current location; (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone thereby obtaining ephemeris information for the mobile device to calculate);
- However, Bloebaum et al. is silent displaying, by the mobile communication device, the mag based on the navigation information; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).
- However, Bloebaum et al. is silent about wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device; nevertheless, Delorme et al. teaches routing information being displayed on mobile device (abstract, fig. 1A1-3; col. 4 lines:

20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include routing information being displayed in mobile device as taught by Delorme et al. for the purposes of guiding user to destination and navigate path.

Regarding claim 11. A method, comprising:

- receiving, by ~~in~~ a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) ~~cellular telephone~~ (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- however, Bloebaum et al. is silent about wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format; nevertheless, Maeda et al. with XML with GPS information (col. 12 lines: 51-58, Maeda et al. teaches XML format for GPS information included). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include XML format with GPS information as taught by Maeda et al. for the purposes of easily and conveniently processing and outputting the guiding information.
- information and additional information about a local position of the mobile communication device ~~at least one item~~ other than the GPS information (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include

navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone. col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware);

- determining, by the server, navigation information ~~aid~~ associated with the local position based on the position information (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone);
- however, Bloebaum et al. is silent about <u>wherein the navigation information comprises data for plotting a course on a map including the local position of the mobile communication device;</u> nevertheless, Delorme et al. teaches routing information being displayed on mobile device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include routing information being displayed in mobile device as taught by Delorme et al. for the purposes of guiding user to destination and navigate path.
- However, Bloebaum et al. is silent about transmitting, by the server, the navigation information to the mobile communication device; nonetheless,

DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 18. A method comprising:

- acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and environmental information associated with the current location-(abstract, col. 9 lines: 38-45, Bloebaum et al. teaches communication between mobile device and MLC 14 for GPS and additional data e.g. local clock, location information, et cetera), and
- communicating, by the communication device, the plurality of items of information (col. 20 lines: 45-57, Bloebaum et al. teaches mobile device sending information to the MCL 14 for calculation of current location within the serving area of the MCL 14),

- However, Bloebaum et al. is silent about including the GPS information and the environmental information associated with the current location, nevertheless, Delorme et al. teaches routing information being displayed on mobile device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include routing information being displayed in mobile device as taught by Delorme et al. for the purposes of guiding user to destination and navigate path.
- receiving, by the communication device, current position information in response to communicating the plurality of items of information (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone),
- However, Bloebaum et al. is silent about wherein the current position information comprises data for plotting a course on a map including the current location of the communication device; nevertheless, Delorme et al. teaches routing information being displayed on mobile device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include

routing information being displayed in mobile device as taught by Delorme et al. for the purposes of guiding user to destination and navigate path.

- However, Bloebaum et al. is silent about displaying, by the communication device, the current position information; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 20. A system, comprising:

- A communication interface configured to receive a communication from a cellular telephone over a cellular telephone network (abstract, col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- wherein the communication comprises global positioning system (GPS) (abstract, col. 9 lines: 38-45, Bloebaum et al. teaches communication between mobile device and MLC 14 for GPS and additional data e.g. local clock, location information, et cetera),

- information and environmental information about a current position of the cellular telephone (col. 9 lines: 38-52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal);
- however, Bloebaum et al. is silent about wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format; nevertheless, Maeda et al. with XML with GPS information (col. 12 lines: 51-58, Maeda et al. teaches XML format for GPS information included). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include XML format with GPS information as taught by Maeda et al. for the purposes of easily and conveniently processing and outputting the guiding information.
- a database configured to store local information associated with the current position (col. 7 lines: 7-16, Bloebaum et al. discloses databases containing location information among other data about user device); and
- processing device configured to:
    - process the GPS information and the environmental information (abstract, col. 9 lines: 38-45, Bloebaum et al. teaches communication between mobile device and MLC 14 for GPS and additional data e.g. local clock, location information, et cetera);
    - retrieve the local information from the database in response to processing the GPS information and the environmental information (col. 9 lines: 38-

52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal), and

- generate mapping information associated with the current-(col. 9 lines: 10-21, Bloebaum et al. teaches cellular telephone that communicates in cellular network),
- however, Bloebaum et al. is silent about position, wherein the mapping information comprises data for plotting a course on a map including the current position of the cellular telephone; nevertheless, Delorme et al. teaches routing information being displayed on mobile device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include routing information being displayed in mobile device as taught by Delorme et al. for the purposes of guiding user to destination and navigate path.
- However, Bloebaum et al. is silent about cause the mapping information to be transmitted to the cellular telephone; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made

to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 29. A system comprising:

- a mobile communication device located at a current position (abstract, col. 9 lines: 38-45, Bloebaum et al. teaches communication between mobile device and MLC 14 for GPS and additional data e.g. local clock, location information, et cetera);
- a base station configured to receive wireless communications from the mobile communication device (col. 6 lines: 63-col. 7 lines: 6, Bloebaum et al. teaches base station and mobile station communications),
- wherein the wireless communications comprise GPS information (abstract, col. 9 lines: 38-45, Bloebaum et al. teaches communication between mobile device and MLC 14 for GPS and additional data e.g. local clock, location information, et cetera) and
- additional information about the current position of the mobile communication device (col. 5 lines: 39-48, Bloebaum et al. teaches receiving along GPS information code phases and other information of the fixed wireless network to exactly measure location information);
- a remote processor configured to:

- communicate with the mobile communication device via the base station, wherein in response to receiving data from the mobile communication device (col. 20 lines: 45-57, Bloebaum et al. teaches mobile device sending information to the MCL 14 for calculation of current location within the serving area of the MCL 14), the remote processor is further configured to:
- generate navigation information associated with the current position of the mobile communication device (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone thereby obtaining ephemeris information for the mobile device to calculate),
- however, Bloebaum et al. is silent about wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device; nevertheless, Delorme et al. teaches routing information being displayed on mobile device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include routing information

being displayed in mobile device as taught by Delorme et al. for the purposes of guiding user to destination and navigate path.

- However, Bloebaum et al. is silent about transmit the navigation information for displaying the map on the mobile communication device, nevertheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 37. A memory device having instructions stored thereon that in response to execution by a processing device, cause the processing device to perform operations comprising:

- generating location data based on one or more global positioning system (GPS) signals (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16);

- receiving supplemental information associated with a current position of a mobile communication device (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware);
- transmitting the location data and the supplemental information from the mobile communication device to a remote processing device (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16);
- however, Bloebaum et al. is silent about wherein at least a portion of the location data is transmitted in an Extensible Markup Language (XML) format; nevertheless, Maeda et al. with XML with GPS information (col. 12 lines: 51-58, Maeda et al. teaches XML format for GPS information included). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include XML format with GPS information as taught by Maeda et al. for the purposes of easily and conveniently processing and outputting the guiding information.
- however, Bloebaum et al. is silent about receiving navigation information associated with the current position; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et

al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

- However, Bloebaum et al. is silent about wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device; nevertheless, Delorme et al. teaches plotting information for navigational purposes (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include charting navigational including similar to for example created or developed by Garmin navigational tools incorporates GPS receiver and display screen, and/or Trimble Navigation of Austin, Texas. as taught by Delorme et al. for the purposes of creating a travel route within the user selected constraints including points of interest.

Regarding claim 42. An apparatus, comprising:

- means for determining a current location of the apparatus (col. 2 lines: 51-55, Bloebaum et al. teaches assistance data includes more than GPS information

such as local time and position estimates, clock information which vary with the location of the mobile station);

- however, Bloebaum et al. is silent about means for displaying navigation instructions; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).
- means for wirelessly communicating information about the current location to a remote processing device (col. 7 lines: 17-28, Bloebaum et al. teaches mobile communicating when moving into new area wirelessly),
- wherein the information about the current location comprises global positioning system (GPS) information (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware) and

- environmental information about the current location other than the GPS information (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16); and
- however, Bloebaum et al. is silent about wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format; nevertheless, Maeda et al. with XML with GPS information (col. 12 lines: 51-58, Maeda et al. teaches XML format for GPS information included). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include XML format with GPS information as taught by Maeda et al. for the purposes of easily and conveniently processing and outputting the guiding information.
- however, Bloebaum et al. is silent about means for wirelessly receiving the navigation instructions associated with the current location; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes

of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

- Wherein the navigation instructions comprises data for plotting a course on a map including the current location of the apparatus (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device).

Consider claim 3. A method as in claim 1, wherein the additional information is received from a second remote source over the wireless network (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device in a network, hence, multiple devices sending information and updates).

Consider claim 4. A method as in claim ~~1~~ 3, wherein the second remote source comprises at least one base station (abstract, col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware. Figure 4a, denotes 1….N BTS (20) wherein N is a variable denoting more than one BTS).

Consider claim 5. A method as in claim 1 3, wherein the second remote source comprises a local transponder (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware. Figure 4a, denotes 1….N BTS (20) wherein N is a variable denoting more than one BTS).

Consider claim 6. A method as in claim 1, wherein the navigation information indicates information about a direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, direction information included for the mobile device, fig 1A2 shows the expanded depiction of the mobile devices display are point information and/or a moving arrow at 32 that indicate current position and travel direction of the user on the map display as detected by the GPS).

Consider claim 7. A method as in claim 1, wherein the ~~said~~ navigation information is associated with a direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device. fig 1A2 shows the expanded depiction of the mobile devices display are point information and/or a moving arrow at 32 that indicate current position and travel direction of the user on the map display as detected by the GPS) and wherein the method comprises deleting or ignoring, by the mobile communication device information that is not associated with the direction of travel (abstract, col. 5 lines: 55-col. 6 lines: 49; DeLorme et al. teaches different location and POI's and travel planning to different destinations. Fig 1A shows that the user can choose on which departure points, destinations and other waypoints can be entered or deleted and the shortest, fastest, or otherwise optimized routes calculated. The applicant uses alternative language as to the action).

Consider claim 8. the method claim 1, wherein the navigation information includes additional information about an area around the current position (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device).

Consider claim 9. the method of claim 1, wherein the navigation information includes first mapping information associated with ~~at~~ a first time centered around a first local position, and wherein the method comprises receiving, by the mobile communication device, additional navigation information including second mapping information associated with-a second time centered around a second location different than the first local position (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information. Col. 14 lines: 9-27).

Consider claim 10. A method as in claim 1, wherein the first mapping information is associated with a first direction of travel from the second local position to the first local position, and wherein the second mapping information is associated with a second direction of travel from the first local position to the second local position (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information. Delorme et al. teaches multiple waypoints on the maps and points of interest that the user can choose to select or stop by).

Consider claim 12. A method as in claim 11, further comprising: receiving, by the server, new position information indicating a new position of the mobile communication device; and transmitting, by the server, new navigation information associated with the new position to the mobile communication device responsive to receiving the new position information (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information, see rejection of claim 11 related to cellular telephone and server component).

Consider claim 14.- the method of claim 12, wherein transmitting the navigation information comprises transmitting first mapping information at a first time associated with the local position, and wherein transmitting the new navigation information comprises transmitting second mapping information at a second time associated with the new position (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 16.- the method of claim 11, wherein transmitting the navigation information comprises transmitting information includes information about at least one base station which is communicating with the mobile communication device (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location. col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location. col. 6 lines: 63—col. 7

lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 17. The method of claim 12, wherein the additional information includes information associated with a local transponder (col. 4 lines: 34-56, DeLorme et al. teaches displaying information about the location the mobile device is located in).

Consider claim 19. The method of claim 18, wherein the communication device comprises a camera and wherein the environmental information includes image data captured by the camera (fig. 1A3, DeLorme et al. shows that the mobile device has ability to have a digital camera).

Consider claim 21. -the-system of claim 20, wherein the processing device is further configured to generate new mapping information associated with a new position cellular telephone (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 23. the system of as in claim 21 ~~20~~, wherein the mapping information is generated at a first time associated with the current position, and wherein the new mapping information is generated at a second time associated with the new position (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc. of current location of mobile device).

Consider claim 25. A system as in claim 20, wherein the environmental information identifies at least one base station which is communicating with the cellular telephone

(col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 26. the system of claim 21, wherein the mapping information comprises navigation instructions from the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second direction of travel (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 27. the system of claim 21, wherein the environmental information identifies a first base station associated with the current position, and a second base station associated with the new position (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 38. The memory device of claim 37, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted

information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16).

Consider claim 39. The memory device of claim 38, wherein the first remote source comprises a base station in communication with a mobile communication device (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 40. The memory device of claim 39, wherein the environmental information comprises an identity of the base station (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 41. The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16).

Consider claim 43. The apparatus of claim 42, wherein the data for plotting the course on the map is generated by the remote processing device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 44. The apparatus of claim 42, further comprising means for acquiring the GPS information (col. 16 lines: 14-19, Bloebaum teaches GPS-MS 10 which has the means and the hardware to receive GPS location information).

Consider claim 45. The apparatus of claim 42, further comprising means for acquiring the environmental information (col. 5 lines: 34-42, DeLorme et al. teaches additional features that include trip planner that is flexible and not relegated to the prescribed or suggested routes and tours of other editors).

Consider claim 46. The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device), and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location (fig. 1A2 element 18 which has means to receive and transmit information wirelessly for navigation instructions).

Regarding claim 47. The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location (col. 4 lines: 3—47, DeLorme et al. teaches text directions lists for user to use to go to and fro points on GPS map rendition).

Consider claim 48 (new). The method of claim 1, however, Bloebaum wherein the portion of the GPS information that is communicated in XML format comprises one or more different XML tags that indicate a type of the additional information being communicated by the mobile communication device; nevertheless, Maeda et al. with XML with GPS information (col. 12 lines: 51-58, Maeda et al. teaches XML format for GPS information included). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include XML format with GPS information as taught by Maeda et al. for the purposes of easily and conveniently processing and outputting the guiding information.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEGO HERRERA whose telephone number is (571)272-0907. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Diego Herrera/
Examiner, Art Unit 2646

/LESTER KINCAID/
Supervisory Patent Examiner, Art Unit 2646

Notice of References Cited	Application/Control No. 12/014,093	Applicant(s)/Patent Under Reexamination HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	Art Unit 2646	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,226,589	05-2001	Maeda et al.	701/517
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

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

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011	06/16/2011	05/07/2013	11/03/2013				
	1	✓	✓	✓	✓	✓				
	2	✓	✓	✓	✓	-				
	3	✓	✓	✓	✓	✓				
	4	✓	✓	✓	✓	✓				
	5	✓	✓	✓	✓	✓				
	6	✓	✓	✓	✓	✓				
	7	✓	✓	✓	✓	✓				
	8	✓	✓	✓	✓	✓				
	9	✓	✓	✓	✓	✓				
	10	✓	✓	✓	✓	✓				
	11	✓	✓	✓	✓	✓				
	12	✓	✓	✓	✓	✓				
	13	✓	✓	✓	-	-				
	14	✓	✓	✓	✓	✓				
	15	✓	✓	✓	-	-				
	16	✓	✓	✓	✓	✓				
	17	✓	✓	✓	✓	✓				
	18	✓	✓	✓	✓	✓				
	19	✓	✓	✓	✓	✓				
	20	✓	✓	✓	✓	✓				
	21	✓	✓	✓	✓	✓				
	22	✓	✓	✓	-	-				
	23	✓	✓	✓	✓	✓				
	24	✓	✓	✓	-	-				
	25	✓	✓	✓	✓	✓				
	26	✓	✓	✓	✓	✓				
	27	✓	✓	✓	✓	✓				
	28	✓	✓	✓	-	-				
	29	✓	✓	✓	✓	✓				
	30	✓	✓	✓	-	-				
	31	✓	✓	✓	-	-				
	32	✓	✓	✓	-	-				
	33	✓	-	✓	-	-				
	34	✓	✓	✓	-	-				
	35	✓	✓	✓	-	-				
	36	✓	✓	✓	-	-				

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011	06/16/2011	05/07/2013	11/03/2013				
	37				✓	✓				
	38				✓	✓				
	39				✓	✓				
	40				✓	✓				
	41				✓	✓				
	42				✓	✓				
	43				✓	✓				
	44				✓	✓				
	45				✓	✓				
	46				✓	✓				
	47				✓	✓				
	48					✓				

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	14297	455/436,439,443,445.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/22 23:32
S1	679	455/439.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:26
S2	14	S1 and (((base near3 station) or (access near3 point)) same backhaul)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:28
S3	0	S2 and (decoded same (transmission near3 format) same (active near3 set))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:33
S4	0	S1 and (decoded same (transmission near3 format) same (active near3 set))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:33
S5	3	S1 and (decoded same (transmission near3 format))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:33
S6	0	S2 and (decoded same (transmission near3 format))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:33
S7	14	S2 and handoff	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 12:46
S8	28	(("20020154610") or ("5966384") or ("6690938") or ("20020089947") or ("20040162083") or ("5914950") or ("5923650") or ("6567420") or ("5956644") or ("6434367") or ("6757270") or ("5684791") or ("6058106") or ("6094426")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/19 14:28
S9	29	(("20040047326") or	US-PGPUB;	OR	OFF	2008/09/19

		("20020150040") or ("7154846") or ("7020115") or ("6463294") or ("6405052") or ("6404760") or ("6535497") or ("5638412") or ("5504773") or ("6711208") or ("6768727") or ("6470001") or ("6438723")).PN.	USPAT; FPRS; EPO; JPO; DERWENT			14:43
S10	1	"wo 2005053188"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 17:04
S11	0	("20050130663.pn.").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/19 17:04
S12	2	("20050130663").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/19 17:05
S13	39	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6434367-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$).did. or (US-7020115-$ or US-7154846-$).did.	US-PGPUB; USPAT	OR	ON	2008/09/19 17:38
S14	5	S13 and (reconstruct$3 re-construct$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 17:39
S15	18	S13 and ((subtract$3 remov$3 separat$3) with (signals mobiles terminals))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 17:42
S16	3	S15 and S14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/19 17:42
S17	2	("5602883").PN.	US-PGPUB;	OR	OFF	2008/09/19

			USPAT; FPRS; EPO; JPO; DERWENT			17:51
S18	47	(("5703874") or ("6011789") or ("5260967") or ("5351269") or ("5410568") or ("RE35402") or ("5588020") or ("4510595") or ("5475689") or ("5479448") or ("5781583") or ("5790596") or ("5878038") or ("5959971") or ("5812944") or ("5943331") or ("6134444") or ("6141332") or ("4972506") or ("5293407") or ("5345467") or ("5533012") or ("5535238") or ("5539730") or ("5539728") or ("5566168") or ("5574989") or ("5584057") or ("5613211") or ("5742509") or ("5758090") or ("5764630") or ("5768254") or ("5825889") or ("5825762") or ("5893033") or ("5918184") or ("6021330") or ("6026130") or ("6141553") or ("6154638") or ("6194934") or ("6195782") or ("6208631") or ("6215762") or ("6219342") or ("6226316") or ("6215762") or ("6219342")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/04/13 02:21
S19	16603161	@ad<"20060421"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/04/13 02:22
S20	47	S18 and S19	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/04/13 02:23
S21	0	S20 and chuah	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/04/13 02:34
S22	0	S20 and (active near3 set)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/04/13 02:35
S23	0	(successful near3 decoded near3 data near3 signal) and (backhaul near8 relayed) and (base near1 station) and (serving with "non serving")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 20:17
S24	0	(successful near3 decoded near3 data near3 signal) and (backhaul near8 relayed) and (base near1 station)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 20:18
S25	0	(successful near3 decoded near3 data near3 signal) and (backhaul near8 relayed) and (base near1 station) and (handoff handover hand-over hand-off)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 20:18
S26	1	(successful$3 near3 decoded near3 data near3 signal) and (backhaul	US-PGPUB; USPAT;	OR	ON	2009/12/10 20:18

		near8 relayed) and (base near1 station) and (handoff handover hand-over hand-off)	FPRS; EPO; JPO			
S27	0	(11/409162).APP.	USPAT; USOCR	OR	ON	2009/12/10 20:19
S28	0	("2007/0248052").URPN.	USPAT	OR	ON	2009/12/10 20:19
S29	1	("2003003906").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/12/10 20:21
S30	1	("20030003906").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/12/10 20:22
S31	1	(09/884637).APP.	USPAT; USOCR	OR	ON	2009/12/10 20:23
S32	2	("2003/0003906").URPN.	USPAT	OR	ON	2009/12/10 20:24
S33	20	reverse near5 link near5 interference near4 cancellation	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 20:45
S34	0	decod$3 near3 transmi$4 near5 format near6 serving near3 base near6 station	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/16 18:43
S35	0	decoded with base near4 station near5 another	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/17 16:56
S36	1	("7190749").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/07/16 11:41
S37	4	(("6757270") or ("20090238148")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/06 06:38
S38	51645	active near3 set	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 06:53
S39	321	S38 and (non-serving)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 06:54
S40	319	S39 and (receiv$3 nea4 signal)	US-PGPUB; USPAT; USOCR;	OR	ON	2011/10/06 06:54

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S41	21	S40 and (backhaul near3 network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 06:55
S42	6	S41 and (harq or ack/nak or ack/nack)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 06:56
S43	15	S41 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 06:58
S44	0	("7978677").URPN.	USPAT	OR	ON	2011/10/06 12:21
S45	21	("20010004355" | "20030035441" | "20050271014" | "20050281243" | "20060002465" | "20060187955" | "20060209694" | "20070071000" | "20070101120" | "20070153722" | "20070165643" | "20070286206" | "20080008111" | "6556556" | "6778558" | "6937573" | "7050397" | "7085291" | "7308260" | "7484120" | "7586882").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/10/06 12:21
S46	89	(active near3 set) same (non-serving near3 base)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 13:16
S47	4	S46 and ((ack or success$3) with decod$3 with transmission with format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/06 13:20
S48	19	("2004/0162083").URPN.	USPAT	OR	ON	2011/10/06 13:21
S49	1	("2007/0248052").URPN.	USPAT	OR	ON	2011/10/06 14:05
S50	11	("20040228305" | "20050095985" | "20070248052" | "20080130714" | "20080219325" | "20080304554" | "6363104" | "6714585" | "7242362" | "7664533" | "7881412").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/10/06 14:05

S51	1	interference near8 (remov$3 or delet$3) near8 (non-serving)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:51
S52	2	interference same (remov$3 or delet$3) same (non-serving) same (active near3 set)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:52
S53	1	("2009/0275337").URPN.	USPAT	OR	ON	2011/10/07 01:53
S54	6	interference same (remov$3 or delet$3) same (non-serving)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:53
S55	32853	interference same (remov$3 or delet$3) same (non-serving) same handoff or handover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:56
S56	0	interference same (remov$3 or delet$3) same (non-serving) same (handoff or handover)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:56
S57	161	interference same (remov$3 or delet$3) same (handoff or handover)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:56
S58	161	S57 not S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:56
S59	161	S57 not S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:56
S60	4	S57 not I4I9 and 455/439.ccls.	US-PGPUB; USPAT; USOCR;	OR	ON	2011/10/07 01:57

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S61	4	S57 and 455/439.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:58
S62	161	S57 not S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:58
S63	16	S62 and (active near3 set) and (soft-handoff sho)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 01:58
S64	16	S62 and (active near3 set) and (soft-handoff sho) and ((delet$3 remov$3)and interfer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 02:00
S65	16	S62 and (active near3 set) and (soft-handoff sho) and ((delet$3 remov$3) and interfer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 02:05
S66	11	S62 and (active near3 set) and (soft-handoff sho) and ((delet$3 remov$3) near4 interfer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 02:05
S67	11	S66 and (format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 02:05
S68	1	(09/974935).APP.	US-PGPUB; USOCR	OR	ON	2011/10/07 03:02
S69	0	(10/996051).APP.	USPAT; USOCR	OR	ON	2011/10/07 03:05
S70	41	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-	US-PGPUB; USPAT	OR	ON	2011/10/07 08:02

		20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6434367-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$).did. or (US-7020115-$ or US-7154846-$ or US-7190749-$).did.				
S71	0	S70 and (recontructed near4 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 08:21
S72	19	S70 and (first near3 base near3 station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/07 08:21
S73	41	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6434367-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$).did. or (US-7020115-$ or US-7154846-$ or US-7190749-$).did.	US-PGPUB; USPAT	OR	ON	2012/07/12 11:21
S74	0	S73 and (non-serving near8 decoded near8 transmission)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2012/07/12 11:23

			EPO; JPO; DERWENT; IBM_TDB			
S75	1	S73 and (base near8 decoded near8 transmission)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/12 11:24
S76	0	"20050188027".urpn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/12 13:13
S77	6	"2005/0188027".urpn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/12 13:13
S78	41	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6434367-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$).did. or (US-7020115-$ or US-7154846-$ or US-7190749-$).did.	US-PGPUB; USPAT	OR	ON	2012/07/27 00:52
S79	3	S78 and mac and layer and statistics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 00:53
S80	2	("20050207359").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/07/27 01:22

S81	283	("20050250512" "20050243762" "20050169293" "20050243768" "20120113831" "7599707" "20050243767" "20050255873" "20090253453" "20050105553" "20050249133" "20070053288" "20090135771" "20090143074" "20090196197" "20100074203" "20060252446" "7584397" "20050276266" "7321565" "20050047333" "6049717" "6185409" "6532212" "6571358" "7213080" "7330830" "7516046" "7546173" "7565152" "7577736" "7599283" "7756032" "7769860" "7869906" "7869906" "8140725" "20020143928" "20020173292" "20070115840" "20080049755" "20080313019" "20090037579" "20100071024" "20100223404" "20110295890" "20120014282" "20120140624" "7801043" "20050128977" "20090264146" "20090307554" "20100113004" "20050220049" "20070058660" "20080013486" "20090059892" "20090207796" "20100309861" "20110195704" "20100246705" "7133805" "7289455" "7594266" "7716473" "7734589" "8055574" "8055574" "8171545" "20050025055" "20050187854" "20080256064" "20090307439" "20110295672" "5978359" "6084854" "6430154" "6501762" "6546000" "6650731" "6678252" "6785237" "6816507" "6967961" "7023820" "7054333" "7421509" RE40777 "7587512" "7668950" "7672875" "7693945" "7769994" "8018856" "8060602" "7912506" "8018856" "8060602" "8149760" "8180874" "20020122432" "20030014539" "20030228875" "20040015937" "20040032828" "20040199635" "20050050362" "20050071469" "20060264210" "20060291382" "20070005421" "20070008894" "20070050485" "20090181693" "20090196195" "20090198385" "20100182983" "20100195747" "20100318404" "20110124344" "20110158331" "20110170415" "20110286377" "20120030057" "20120140630" "7817581" "20090238095" "7010070" "7200405" "7215655" "7340281" "8116292" "20040162104" "20050093145" "20050101353" "20050143089" "20050152295" "20050179607" "20050272472" "20060094449" "20060105718" "20060251032" "20060270426" "20090116570"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 05:00

		"20100002598" "20100227569" "20100271970" "20110134774" "20110321126").pn.				
S82	28435654	@ad<="20040401"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 05:01
S83	88	S82 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 05:01
S84	283	("20050250512" "20050243762" "20050169293" "20050243768" "20120113831" "7599707" "20050243767" "20050255873" "20090253453" "20050105553" "20050249133" "20070053288" "20090135771" "20090143074" "20090196197" "20100074203" "20060252446" "7584397" "20050276266" "7321565" "20050047333" "6049717" "6185409" "6532212" "6571358" "7213080" "7330830" "7516046" "7546173" "7565152" "7577736" "7599283" "7756032" "7769860" "7869906" "7869906" "8140725" "20020143928" "20020173292" "20070115840" "20080049755" "20080313019" "20090037579" "20100071024" "20100223404" "20110295890" "20120014282" "20120140624" "7801043" "20050128977" "20090264146" "20090307554" "20100113004" "20050220049" "20070058660" "20080013486" "20090059892" "20090207796" "20100309861" "20110195704" "20100246705" "7133805" "7289455" "7594266" "7716473" "7734589" "8055574" "8055574" "8171545" "20050025055" "20050187854" "20080256064" "20090307439" "20110295672" "5978359" "6084854" "6430154" "6501762" "6546000" "6650731" "6678252" "6785237" "6816507" "6967961" "7023820" "7054333" "7421509" RE40777 "7587512" "7668950" "7672875" "7693945" "7769994" "8018856" "8060602" "7912506" "8018856" "8060602" "8149760" "8180874" "20020122432" "20030014539" "20030228875" "20040015937" "20040032828" "20040199635" "20050050362"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 11:33

		"20050071469" "20060264210" "20060291382" "20070005421" "20070008894" "20070050485" "20090181693" "20090196195" "20090198385" "20100182983" "20100195747" "20100318404" "20110124344" "20110158331" "20110170415" "20110286377" "20120030057" "20120140630" "7817581" "20090238095" "7010070" "7200405" "7215655" "7340281" "8116292" "20040162104" "20050093145" "20050101353" "20050143089" "20050152295" "20050179607" "20050272472" "20060094449" "20060105718" "20060251032" "20060270426" "20090116570" "20100002598" "20100227569" "20100271970" "20110134774" "20110321126").pn.				
S85	28435654	@ad<="20040401"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 11:33
S86	88	S85 and S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 11:33
S87	6	S86 and enhanced and dedicated and channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 11:33
S88	0	S86 and ("enhanced dedicated channel" "e-dch")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 11:39
S89	35	S84 and ("enhanced dedicated channel" "e-dch")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/07/27 11:41
S90	0	S89 and S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2012/07/27 11:41

			IBM_TDB			
S91	3122	base near3 station near8 backhaul	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/10 13:52
S92	25	base near3 station near8 backhaul near9 decod$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/10 13:54
S93	20	S92 and (receiv$3 near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/10 13:54
S95	145	(("5703874") or ("6011789") or ("5260967") or ("5351269") or ("5410568") or ("RE35402") or ("5588020") or ("4510595") or ("5475689") or ("5479448") or ("5781583") or ("5790596") or ("5878038") or ("5959971") or ("5812944") or ("5943331") or ("6134444") or ("6141332") or ("4972506") or ("5293407") or ("5345467") or ("5533012") or ("5535238") or ("5539730") or ("5539728") or ("5566168") or ("5574989") or ("5584057") or ("5613211") or ("5742509") or ("5758090") or ("5764630") or ("5768254") or ("5825889") or ("5825762") or ("5893033") or ("5918184") or ("6021330") or ("6026130") or ("6141553") or ("6154638") or ("6194934") or ("6195782") or ("6208631") or ("6215762") or ("6219342") or ("6226316") or ("6215762") or ("6219342") or ("6226316") or ("5260987") or ("5375251") or ("5537610") or ("5563907") or ("5574747") or ("5619551") or ("5673286") or ("5697064") or ("5729540") or ("5799084") or ("5819181") or ("5835527") or ("5835489") or ("5854981") or ("5870427") or ("5884172") or ("5915215") or ("5915221") or ("5917810") or ("5920590") or ("5926761") or ("5930715") or ("5933784") or ("5951709") or ("5960364") or ("5970144") or ("5970413") or ("5974319") or ("5983112")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/10/10 17:24

S96	255	(successive near8 interference near4 cancellation near5 scheme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:15
S97	194	S96 and base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:15
S98	0	S97 and 455/439.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:15
S99	46	S97 and "455".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:15
S100	0	"or of the downs power control"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:25
S101	2	"or-of-the-downs power control"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:25
S102	0	3710/335	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:26
S103	0	3710/335.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:26
S104	0	3710/339.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2012/10/11 14:26

			DERWENT; IBM_TDB			
S105	443	370/339.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:27
S106	0	S105 and (base near3 station near8 share near8 decode near3 scheme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:30
S107	0	(base near3 station near8 share near8 decode near3 scheme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:31
S108	49	(base near3 station near8 share near8 scheme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:31
S109	0	S108 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:32
S110	0	S108 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:32
S111	0	S108 and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/11 14:32
S112	4	(("20030003906") or ("20030125040")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/10/12 03:23
S113	45	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-	US-PGPUB; USPAT	OR	ON	2012/10/15 14:58

		20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$ or US-20060040671-$ or US-20020061000-$ or US-20030003906-$ or US-20030125040-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6434367-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$).did. or (US-7020115-$ or US-7154846-$ or US-7190749-$).did.				
S114	41	S113 and (base near2 station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 14:58
S115	1	S114 and (active near3 set same non-serving near3 base near3 station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:00
S116	100	(active near3 set same non-serving near3 base near3 station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:01
S117	99	S116 and (serving near3 base near3 station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:01
S118	0	S117 and (decod$3 near3 operation near8 receiv$3 near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:02
S119	1880	(decod$3 near3 operation near8 receiv$3 near3 signal)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2012/10/15 15:02

			EPO; JPO; DERWENT; IBM_TDB			
S120	0	S119 and S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:02
S121	0	S119 and (serving and non-serving)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:03
S122	27	(active near3 set near3 base near2 stations) and (mobile near8 handoff near8 non-serving near3 base near3 stations)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/15 15:05
S123	206	(SCHEME NEAR2 (COD$3 OR DECOD$3)) AND (HANDOVER SAME ACTIVE SAME BASE NEAR3 STATION)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/16 12:22
S124	9	S123 AND (CORRECTING NEAR8 ERRORS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/10/16 12:22
S125	48	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$ or US-20060040671-$ or US-20020061000-$ or US-20030003906-$ or US-20030125040-$ or US-20060056350-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6434367-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-	US-PGPUB; USPAT	OR	ON	2012/10/20 01:46

		6711208-$ or US-6768727-$).did. or (US-7020115-$ or US-7154846-$ or US-7190749-$ or US-7693110-$ or US-6868520-$).did.				
S126	0	(09/330582).APP.	US-PGPUB; USOCR	OR	ON	2012/10/21 14:18
S127	47	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$ or US-20060040671-$ or US-20020061000-$ or US-20030003906-$ or US-20030125040-$ or US-20060056350-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$ or US-7020115-$).did. or (US-7154846-$ or US-7190749-$ or US-7693110-$ or US-6868520-$).did.	US-PGPUB; USPAT	OR	ON	2013/04/05 17:29
S128	47	(US-20040192308-$ or US-20080176573-$ or US-20020128013-$ or US-20040162075-$ or US-20030067896-$ or US-20040162083-$ or US-20020154610-$ or US-20020089947-$ or US-20020150040-$ or US-20040047326-$ or US-20050130663-$ or US-20060007895-$ or US-20060040671-$ or US-20020061000-$ or US-20030003906-$ or US-20030125040-$ or US-20060056350-$).did. or (US-7065359-$ or US-7047009-$ or US-6973308-$ or US-6519456-$ or US-5845211-$ or US-6757270-$ or US-6690938-$ or US-6567420-$ or US-6094426-$ or US-6058106-$ or US-5966384-$ or US-5684791-$ or US-5914950-$ or US-5923650-$ or US-5956644-$ or US-5504773-$ or US-5638412-$ or US-6404760-$ or US-6405052-$ or US-6438723-$ or US-6463294-$ or US-6470001-$ or US-6535497-$ or US-6711208-$ or US-6768727-$ or US-7020115-$).did. or (US-7154846-$ or US-7190749-$ or US-7693110-$ or US-6868520-$).did.	US-PGPUB; USPAT	OR	ON	2013/04/05 17:36
S129	0	S128 and (retransmission near	US-PGPUB;	OR	ON	2013/04/05

		successfull near decode near number)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:46
S130	0	S128 and (retransmission near9 successfull near9 decode near9 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:52
S131	0	(retransmission near9 successfull near9 decode near9 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:52
S132	0	("re?transmission" near9 successfull near9 decode near9 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:52
S133	0	("re?transmission" same successfull same decode same number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:53
S134	0	(re?transmission same successfull same decode same number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:55
S135	0	(transmission same successfull same decode same number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:56
S136	0	(transmission same successfull same decode same count)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 17:56
S137	22	(transmission and successfull and decode and count)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/04/05 17:56

			IBM_TDB			
S138	3	S137 and "455".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 18:15
S139	25591	TRANSMISSION NEAR FORMAT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 18:42
S140	3115	S139 and "455".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 18:42
S141	0	S140 and (retransmission near successful)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 18:43
S142	28	S140 and (retransmission same successful)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 18:44
S143	1	S140 and (retransmission same successful same (tries retries count))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 19:51
S144	0	S140 and (retransmission same successful same (count))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/04/05 20:07
S145	6	(("20050059347") or ("7542728") or ("20070153723")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/04/06 12:57

EAST Search History (Interference)

Ref	Hits	Search Query	DBs	Default	Plurals	Time

#				Operator		Stamp
L1	64	(requir$3 requirement) with retransmi$6 with transmi$6 with format$4	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:18
L2	37	l1 and decod$3	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:18
L3	5735488	@ad<"20060101"	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:19
L4	17	l3 and l2	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:19
L5	0	l4 and (backhaul)	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:19
L6	0	l4 and (inter near8 active near set)	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:20
L7	2	l4 and (active near set)	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:20
L8	849	714/749.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:23
L9	2	l8 and l1 and l3	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:23
L10	1	l7 and l9	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:23
L12	11715	455/436,439,443,445.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:32
L13	1	l12 and l3 and 1	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:32
L14	1	l12 and l3 and l1	US-PGPUB; USPAT; UPAD	OR	ON	2013/10/22 23:32

10/22/2013 11:34:38 PM
C:\Users\dherrera\Documents\EAST\Workspaces\409162_11.wsp

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6321158").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/09/23 04:35
S2	26	("20010026240" | "20020070890" | "20020138650" | "20050144049" | "5222245" | "5301368" | "5726660" | "5731785" | "5751373" | "5940753" | "5969678" | "6049718" | "6069760" | "6085090" | "6107960" | "6222484" | "6226589" | "6321158" | "6414635" | "6429812" | "6437735" | "6453237" | "6697731" | "6700534" | "6812888" | "7013150").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 06:07
S3	15	("5564079" | "6070083" | "6084547" | "6108555" | "6442392" | "6662016" | "6681099").PN. OR ("7013150").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:08
S4	38	("20030012265" | "20030063595" | "20040062214" | "20040114623" | "20040209580" | "20040252665" | "20040259571" | "20050163075" | "20050228854" | "20050286536" | "20060007919" | "5805633" | "5901182" | "5931964" | "5973643" | "6016322" | "6035207" | "6154507" | "6285876" | "6356911" | "6381726" | "6442392" | "6490327" | "6546256" | "6560462" | "6621807" | "6631142" | "6717947" | "6757544" | "6788750" | "6904110" | "6915123" | "6920125" | "6978124" | "6987798" | "7013150" | "7068638" | "7139283").PN. OR ("7697573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:09
S5	7	(US-7013150-$ or US-6700534-$ or US-6453237-$ or US-6437735-$ or US-6429812-$ or US-6321158-$ or US-6107960-$).did.	USPAT	OR	ON	2011/03/10 23:58
S6	5	S5 and cellular	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/10 23:58
S7	2	S6 and (cellular near3 network)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:36
S8	2	S5 and (cellular near3 network)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:37
S9	50	("5801527" "5978107" "5883632" "6128022" "6160644" "6181445"	US-PGPUB; USPAT;	OR	ON	2011/03/11 00:39

		"4351268" "4380213" "4386844" "5510910" "5798966" "5978860" "6069982" "6169762" "4246600" "4583055" "4593458" "4859633" "4991002" "5250461" "5250837" "5457785" "5479536" "5495544" "5517040" "5561377" "5570002" "5572632" "5583666" "5604843" "5610925" "5613951" "5655269" "5724449" "5748176" "5775825" "5777811" "5806897" "5841304" "5841992" "5900759" "5943577" "6008907" "6043519" "6063655" "6072901" "6088038" "6111268" "6130544" "6137495").pn.	FPRS; EPO; JPO			
S10	3	(("6204808") or ("5699255") or ("6525768")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2011/03/11 01:06
S11	71	("4445118" | "5418538" | "5420592" | "5663734" | "5663735" | "5841396" | "5983161").PN. OR ("6204808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 01:07
S12	28	S11 and (cellular near3 (network or phones))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 01:18
S13	4	("20020107636" | "6191731" | "6204808" | "6417801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 01:27
S14	4	("20020107636" | "6191731" | "6204808" | "6417801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 05:29
S15	1	S14 and display	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:29
S16	71	("4445118" | "5418538" | "5420592" | "5663734" | "5663735" | "5841396" | "5983161").PN. OR ("6204808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 05:38
S17	36	S16 and display	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:38
S18	18	S17 and navigation	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:38
S19	5	S18 and displayed and cellular and telephone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:38
S20	16553	navigation and displayed and cellular and telephone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:42
S21	102	S20 and gps and msc and vlr and hlr	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:42

S22	69	S21 and "455".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:42
S23	0	S22 and (navigation near4 display$3 near8 route)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:46
S24	4	S22 and (navigation near4 display$3) and (rout$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 05:46
S25	1	"wo 2002033939"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:06
S26	1	10/065120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:10
S27	6	(("6675017") or ("5334974") or ("6121922")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/10/24 03:13
S28	0	S27 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:14
S29	2	09/960001	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:21
S30	4	(("5751373") or ("6049718")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/10/24 03:25
S31	33	(("5222245") or ("5301368") or ("5726660") or ("5731785") or ("5751373") or ("5940753") or ("5969678") or ("6049718") or ("6069570") or ("6085090") or ("6107960") or ("6222484") or ("6226589") or ("6321158") or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/10/24 03:41

		("6414635")).PN.				
S32	1	S31 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 03:42
S33	0	S27 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:25
S34	0	S30 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:25
S35	0	S30=S31 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:25
S36	1	S31 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/10/24 04:26
S39	140	xml with gps with information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:36
S40	36	S39 and "455".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:36
S41	21	xml with format with gps with information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:39
S42	1	S41 and S40	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/11/01 10:39

			EPO; JPO; DERWENT; IBM_TDB			
S43	2	09/960001	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/01 10:43
S44	6	gps near8 information near9 xml near format	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:15
S45	15	gpx near8 information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:17
S46	10	S45 not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:17
S47	10	"09/682600" or "10/714096"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:38
S48	14	("5222245" | "5301368" | "5726660" | "5731785" | "5751373" | "5940753" | "6049718" | "6069570" | "6085090" | "6107960" | "6222484" | "6226589" | "6321158" | "6429812").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2013/11/03 05:39
S49	1	S48 and xml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/11/03 05:40

EAST Search History (Interference)

< This search history is empty>

11/ 3/ 2013 8:32:03 PM
C:\ Users\ dherrera\ Documents\ EAST\ Workspaces\ 014093_12.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.3	9/21/2010	dh

SEARCH NOTES		
Search Notes	Date	Examiner
plus search, east text search, fwd and rev. search, ids checked.	9/23/2010	dh
plus search, east text search, fwd and rev. search. ids checked. and change prior art due to amendments.	3/9/2011	dh
east text search, fwd and reverse search.	6/16/2011	dh
reviewed amended claims, reviewed art and remarks. found new matter and other objections on claims.	5/9/2013	dh
amendments were reviewed, east text search, and fwd and reverse citation was made.	11/3/2013	dh

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/DIEGO HERRERA/ Examiner.Art Unit 2646	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2646
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	August 30, 2013

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

AMENDMENT

Responsive to the Office Action dated June 6, 2013, please amend the application as follows.

Claim Amendments begin on page 2.

Remarks/Arguments begin on page 10.

CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) A method, comprising:

receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information and additional information about the current position of the mobile communication device other than the GPS information;

communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending the information, including the GPS information, about the current location from the mobile communication device to the remote source, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format;

receiving, by the mobile communication device, navigation information from the remote source in response to sending the information about the current location, wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device; and

displaying, by the mobile communication device, the map based on the navigation information.

2. (Cancelled)

3. (Previously Presented) The method of claim 1, wherein the additional information is received from a second remote source over the wireless network.

4. (Previously Presented) The method of claim 3, wherein the second remote source comprises at least one base station.

5. (Previously Presented) The method of claim 3, wherein the second remote source comprises a local transponder.

6. (Previously Presented) The method of claim 1, wherein the navigation information indicates information about a direction of travel.

7. (Previously Presented) The method of claim 1, wherein the navigation information is associated with a direction of travel, and wherein the method comprises deleting or ignoring, by the mobile communication device, information that is not associated with the direction of travel.

8. (Previously Presented) The method of claim 1, wherein the navigation information includes additional information about an area around the current location.

9. (Previously Presented) The method of claim 1, wherein the navigation information includes first mapping information associated with a first time centered around a first local position, and wherein the method comprises receiving, by the mobile communication device, additional navigation information including second mapping information associated with a second time centered around a second location different than the first local position.

10. (Previously Presented) The method of claim 9, wherein the first mapping information is associated with a first direction of travel from the second local position to the first local position, and wherein the second mapping information is associated with a second direction of travel from the first local position to the second local position.

11. (Currently Amended) A method, comprising:

receiving, by a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) information and additional information about a local position of the mobile communication device other than the GPS information, wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format;

determining, by the server, navigation information associated with the local position based on the position information, wherein the navigation information comprises data for plotting a course on a map including the local position of the mobile communication device; and

transmitting, by the server, the navigation information to the mobile communication device.

12. (Previously Presented) The method of claim 11, further comprising:

receiving, by the server, new position information indicating a new position of the mobile communication device; and

transmitting, by the server, new navigation information associated with the new position to the mobile communication device responsive to receiving the new position information.

13. (Cancelled)

14. (Previously Presented) The method of claim 12, wherein transmitting the navigation information comprises transmitting first mapping information at a first time associated with the local position, and wherein transmitting the new navigation information comprises transmitting second mapping information at a second time associated with the new position.

15. (Cancelled)

16. (Previously Presented) The method of claim 11, wherein the additional information includes information about at least one base station which is communicating with the mobile communication device.

17. (Previously Presented) The method of claim 11, wherein the additional information includes information associated with a local transponder.

18. (Currently Amended) A method comprising:

acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information

comprises global positioning system (GPS) information and environmental ~~supplemental~~ information associated with the current location;

communicating, by the communication device, the plurality of items of information, including the GPS information and the environmental information associated with the current location, to a remote server;

receiving, by the communication device, current position information in response to communicating the plurality of items of information, wherein the current position information comprises data for plotting a course on a map including the current location of the communication device; and

displaying, by the communication device, the map based on the current position information.

19. (Currently Amended) The method of claim 18, wherein the communication device comprises a camera and wherein the environmental ~~supplemental~~ information includes image data captured by the camera.

20. (Currently Amended) A system, comprising:

a communication interface configured to receive a communication from a cellular telephone over a cellular telephone network, wherein the communication comprises global positioning system (GPS) information and environmental ~~supplemental~~ information about a current position of the cellular telephone, wherein at least a portion of the GPS information is received in an Extensible Markup Language (XML) format;

a database configured to store local information associated with the current position; and

a processing device configured to:

process the GPS information and the environmental ~~supplemental~~ information;

retrieve the local information from the database in response to processing the GPS information and the environmental ~~supplemental~~ information;

generate mapping information associated with the current position, wherein the mapping information comprises data for plotting a course on a map including the current position of the cellular telephone; and

cause the mapping information to be transmitted to the cellular telephone.

21. (Previously Presented) The system of claim 20, wherein the processing device is further configured to generate new mapping information associated with a new position of the cellular telephone.

22. (Cancelled)

23. (Previously Presented) The system of claim 21, wherein the mapping information is generated at a first time associated with the current position, and wherein the new mapping information is generated at a second time associated with the new position.

24. (Cancelled)

25. (Currently Amended) The system of claim 20, wherein the environmental ~~supplemental~~ information identifies at least one base station which is communicating with the cellular telephone.

26. (Currently Amended) The system of claim 21, wherein the mapping information comprises navigation instructions [[form]] from the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second direction of travel.

27. (Currently Amended) The system of claim 21, wherein the environmental ~~supplemental~~ information identifies a first base station associated with the current position, and a second base station associated with the new position.

28. (Cancelled)

29. (Currently Amended) A system comprising:

a mobile communication device located at a current position;

a base station configured to receive wireless communications from the mobile communication device, wherein the wireless communications comprise GPS information and additional information about the current position of the mobile communication device; and

a remote processor configured to:

communicate with the mobile communication device via the base station, wherein in response to receiving data from the mobile communication device, the remote processor is further configured to:

generate navigation information associated with the [[a]] current position of the mobile communication device, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device; and

transmit the navigation information for displaying the map ~~display~~ on the mobile communication device.

30-36. (Cancelled)

37. (Currently Amended) A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

generating location data based on one or more global positioning system (GPS) signals;

receiving supplemental information associated with a current position of a mobile communication device;

transmitting the location data and the supplemental information from the mobile communication device to a remote processing device, wherein at least a portion of the location data is transmitted in an Extensible Markup Language (XML) format; and

receiving navigation information associated with the current position, wherein the navigation information comprises data for plotting a course on a map including the current position of the mobile communication device.

38. (Previously Presented) The memory device of claim 37, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source.

39. (Previously Presented) The memory device of claim 38, wherein the first remote source comprises a base station in communication with a mobile communication device.

40. (Currently Amended) The memory device of claim 39, wherein the environmental ~~supplemental~~ information comprises an identity of the base station.

41. (Previously Presented) The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device.

42. (Currently Amended) An apparatus, comprising:

means for determining a current location of the apparatus;

means for displaying navigation instructions;

means for wirelessly communicating information about the current location to a remote processing device, wherein the information about the current location comprises global positioning system (GPS) information and environmental ~~supplemental~~ information about the current location other than the GPS information, and wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format; and

means for wirelessly receiving the navigation instructions associated with the current location, wherein the navigation instructions comprises data for plotting a course on a map including the current location of the apparatus.

43. (Currently Amended) The apparatus of claim 42, wherein the ~~navigation instructions comprise map~~ data for plotting the course on the map is generated by the remote processing device.

44. (Previously Presented) The apparatus of claim 42, further comprising means for acquiring the GPS information.

45. (Currently Amended) The apparatus of claim 42, further comprising means for acquiring the environmental ~~supplemental~~ information.

46. (Previously Presented) The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device, and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location.

47. (Previously Presented) The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location.

48. (New) The method of claim 1, wherein the portion of the GPS information that is communicated in XML format comprises one or more different XML tags that indicate a type of the additional information being communicated by the mobile communication device.

REMARKS

The application included claims 1-12, 14, 16-21, 23, 25-27, 29, and 37-47 prior to entering this amendment.

The Applicant amends claims 1, 11, 18-20, 25-27, 29, 37, 40, 42, 43, and 45, and cancels claim 2 without prejudice.

The Applicant adds new claim 48. No new matter is added.

The application remains with claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-48 after entering this amendment.

Claim Objections

The Examiner objected to claims 26 and 37 as containing typographical or grammatical errors.

Applicant thanks the Examiner for the proposed grammatical corrections and amends claim 26 as suggested by the Examiner. With respect to claim 37, Applicant respectfully submits that no grammatical correction is required, in that the recited "memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations" is proper as previously presented.

Accordingly, withdrawal of the objection is respectfully requested.

Claim Rejections - 35 USC. § 112

The Examiner rejected claims 18-21, 23, 25, 26, 40, 42, and 45 under 35 USC. § 112(a) or 35 USC. § 112(pre-AIA), first paragraph, as allegedly failing to comply with the written description requirement.

Without conceding the propriety of the rejection, Applicant amends claims 18-20, 25-27, 40, 42, and 45 to recite "environmental information" only to expedite prosecution, and without prejudice to pursuing the claims as previously presented or in other forms.

Accordingly, withdrawal of the rejection is respectfully requested.

Claim Rejections - 35 USC. § 103

The Examiner rejected claims 1-32 and 34-36 under 35 USC. § 103(a) over Bloebaum et al. (US Patent No. 6,204,808), and in view of DeLorme et al. (US Patent No. 6,321,158).

The rejection is traversed; however, Applicant amends claims 1, 11, 18-20, 25-27, 29, 37, 40, 42, 43, and 45, and cancels claim 2 only to expedite prosecution, and without prejudice to pursuing the claims as previously presented or in other forms. For example, amended claim 1 recites, in part, a method comprising:

> communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending the information, including the GPS information, about the current location from the mobile communication device to the remote source, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format;
>
> receiving by the mobile communication device, navigation information from the remote source in response to sending the information about the current location, wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device; and
>
> displaying, by the mobile communication device, the navigation information.

Bloebaum is directed to a wireless network control system that develops and transmits GPS "assistance information to the mobile station via the wireless network" in order for the mobile station to be able to compute its location (Abstract). The Bloebaum reference was identified by Applicant in an Information Disclosure Statement filed on January 5, 2011.

The Examiner alleged that Bloebaum teaches a "mobile device with GPS receiver" in identifying column 4, line 1, column 5, lines 29-35, and column 9, lines 38-63. The Examiner did not explicitly identify what device in Bloebaum allegedly discloses a mobile device; however as each of the cited sections refers to a "mobile station," Applicant can only surmise that the Examiner intended to identify user device 10 as the mobile station. See column 9, lines 5-10 which states "A user device 10 is a mobile station fully capable of communicating with a GSM network 12 over the standard air interface, and includes a GPS receiver that can acquire and measure the signals from the GPS satellites. This device 10 is referred to as a GPS-MS."

In rejecting claim 1, the Examiner alleged that Bloebaum discloses "communicating, by the mobile communication device, with a remote source (MLC 14) over a wireless network" and "wherein said communicating comprises sending the information about the current location to the remote source (MCL 14)" (page 4, second and third bullet points, of the Office Action) and cited column 7, lines 17-28 and column 20, lines 45-57 in support.

Column 7, lines 17-28 does not refer to the mobile location center MLC 14 of FIGS. 1a and 1b, so it is unclear why the Examiner has cited this particular section in support of the rejection and reliance on the mobile location center MCL 14 as disclosing the remote source. Rather, the cited section of Bloebaum states that "the VLR 116 associated with the MSC 114 requests information about the MS 120 from the HLR 126 (while simultaneously informing the HLR 126 about the new location of the MS 120)" (col. 7, lines 17-24). In other words, the visitor location register VLR 116 associated with the mobile switching center MSC 114 requests the information from the home location register HLR 126.

With respect to the Examiner's further citation to column 20, lines 45-57, Bloebaum states that "The MSC/VLR 15 forwards the result message to requesting MLC 14. This information is used by the MLC 14 along with the location of BTS_1 to compute the position of the GPS-MS 10. Optionally, the MLC responds to the GPS-MS via the MSC/VLR with the position information" (col. 20, lines 52-57).

Even assuming, arguendo, that the GPS-MS device 10 with a GPS receiver may receive the "position information," the above cited sections fail to disclose *communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending the information, including the GPS information, about the current location from the mobile communication device to the remote source, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format*, as recited by claim 1. Rather, as discussed above, Bloebaum appears to be silent with respect to any further action that the GPS-MS device 10 may do with the position information that it receives from the MLC 14 at step 9 of the protocol described at column 20, lines 45-57 of Bloebaum.

In rejecting claim 1, the Examiner further alleged that Bloebaum discloses "receiving by the mobile communication device, navigation information from the remote source in response to sending the information about the current location" (page 5, first bullet point of the Office Action) and cited column 4, lines 32-42 and column 11, lines 18-40 in support. Applicant respectfully disagrees.

According to Bloebaum, since "the current GSM network architecture may not be able to support the amount of data transmission required" (col. 3, lines 48), "the mobile station is operated to utilize the assistance information to compute estimates of code phase and frequency

offset... to acquire the signal... for the particular satellite" (col. 4, lines 43-48). The Examiner cited section at column 11, lines 18-40 merely describes how the mobile location center (MLC) calculates the assistance information provided to the mobile station.

Whereas Bloebaum makes a passing reference to transmitting "navigation messages" at column 4, line 33, this appears to be directed to transmitting the assistance information (col. 4, lines 38-42). According to Bloebaum, "the mobile station is operated to utilize the assistance information to compute estimates of code phase and frequency offset of signals transmitted by the select satellites" (col. 4, lines 43-48). See also column 9, lines 32-36. Applicant respectfully submits that the "navigation messages" described by Bloebaum fail to disclose *wherein the navigation information comprises data for plotting a course on a map including the current location of the mobile communication device,* as recited by claim 1.

The Examiner acknowledged that Bloebaum fails to disclose "displaying, by the mobile communication device, the navigation information" (page 5, second bullet point of the Office Action) and instead the Examiner alleged that these features are disclosed by DeLorme.

DeLorme is directed to a system that "links desktop personal computer cartographic applications to one or more handheld organizer, personal digital assistant (PDA) or 'palmtop' devices" (Abstract). The subject application is related to U.S. Patent No. 6,700,534 and U.S. Patent No. 7,327,312, both of which were allowed in full view of the DeLorme reference.

Even assuming, arguendo, that the combination of DeLorme with Bloebaum is proper, and that the Examiner's interpretation of DeLorme is correct, the combination of DeLorme with Bloebaum nevertheless fails to disclose all the features recited by claim 1. DeLorme fails to cure the deficiencies of Bloebaum discussed above, and as argued by Applicant in previous responses. For example, Applicant respectfully submits that DeLorme also fails to disclose *communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending the information, including the GPS information, about the current location from the mobile communication device to the remote source, wherein at least a portion of the GPS information is communicated in an Extensible Markup Language (XML) format,* as recited by claim 1.

Although of different scope than claim 1, independent claims 11, 18, 20, and 29 recite certain features similar to those discussed above in claim 1, such that the comments directed to claim 1 also apply to claims 11, 18, 20, 29, 37, and/or 42. As claims 3-10, 12, 14, 16, 17, 19, 21,

23, 25-27, 38-41, and 43-47 depend directly or indirectly from independent claims 1, 11, 18, 20, 29, 37, or 42 the comments and revisions directed above to claims 1, 11, 18, 20, 29, 37, and 42 apply equally to claims 3-10, 12, 14, 16, 17, 19, 21, 23, 25-27, 38-41, and/or 43-47, respectively. In addition, claims 3-10, 12, 14, 16, 17, 19, 21, 23, 25-27, 38-41, and 43-47 recite further subject matter. Accordingly, reconsideration and withdrawal of the rejection of claims 1, 3-12, 14, 16-21, 23, 25-27, 29, and 37-47 is respectfully requested.

Any statements made by the Examiner that are not addressed by the Applicant do not necessarily constitute agreement by the Applicant. In some cases, the Applicant may have amended or argued the independent claims thereby obviating grounds for rejection of the dependent claims.

New Claims

The Applicant adds new claim 48 for consideration by the Examiner. No new matter is added.

CONCLUSION

For the foregoing reasons, the Applicant respectfully requests reconsideration and allowance of the present application. The Examiner is encouraged to telephone the undersigned at (503) 546-1812 if it appears that an interview would be helpful in advancing the case.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Reg. No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

Electronic Acknowledgement Receipt	
EFS ID:	16732294
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	30-AUG-2013
Filing Date:	14-FEB-2008
Time Stamp:	13:10:57
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		7398-0010_Amend_C.pdf	574760 7bcb104746474212e1e06d349f7294a201afbeb1	yes	15

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Amendment/Req. Reconsideration-After Non-Final Reject	2	2
	Claims	3	10
	Applicant Arguments/Remarks Made in an Amendment	11	15
Warnings:			
Information:			
	Total Files Size (in bytes):	574760	

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.

PATENT APPLICATION
Application No.: 12/014,093
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MISCELLANEOUS TRANSMITTAL LETTER FOR EFS FILINGS OF AMENDMENTS REGARDING PAYMENT OF FEES AND EXTENSION OF TIME

	Claims After Amendment	Highest Number Previously Paid	Present Extra Claims
Total Claims	35	36	-0-
Independent Claims	7	8	-0-

☐ Applicants petition the Commissioner to extend the time for response (if applicable).

☐ Payment of fees is made via electronic filing system authorizing credit card payments.

☒ In the event of computer malfunction, Applicants request that any fees be charged to Deposit Account No. 50-4348.

☒ Please charge any deficiency or credit any over-payment to Deposit Account No. 50-4348.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/014,093	Filing Date 02/14/2008	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

AMENDMENT	08/30/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 35	Minus	** 36	= 0	X $40 =	0
	Independent (37 CFR 1.16(h))	* 7	Minus	***8	= 0	X $210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

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

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

LIE
/KAREN VESTAL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	7398-0010	9898

11788 7590 06/06/2013

Stolowitz Ford Cowger LLP / ptomail
1140 SW 11th Ave.
Suite 400
Portland, OR 97205

EXAMINER	
HERRERA, DIEGO D	
ART UNIT	PAPER NUMBER
2646	

NOTIFICATION DATE	DELIVERY MODE
06/06/2013	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptomail@stofoco.com
stofoco@blackhillsip.com

Office Action Summary	Application No. 12/014,093	Applicant(s) HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	Art Unit 2646	AIA (First Inventor to File) Status No

-- 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 *3* 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 *4 December 2012*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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

5)☒ Claim(s) *1-47* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-47* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ 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).

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).

Certified copies:

a)☐ All b)☐ Some * c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

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

Interim copies:

a)☐ All b)☐ Some c)☐ None of the: Interim copies of the priority documents have been received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 01/05/2011 was filed. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 112

The following is a quotation of 35 U.S.C. 112(a):
(a) IN GENERAL.—The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor or joint inventor of carrying out the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), first paragraph:
The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 18-21, 23, 25-26, 40, 42, and 45 are rejected under 35 U.S.C. 112(a) or 35 U.S.C. 112 (pre-AIA), first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor or a joint inventor, or for pre-AIA the inventor(s), at the time the application was filed, had possession of the claimed invention. The applicant has claims "acquiring by a communication device" and “supplemental information associated with the current location” these are not described in the specification or original disclosure.

Response to Amendment

Claims 13, 15, 22, 24, 28, and 30-36 have been cancelled.

Claims 1-12, 14, 16-21, 23, 25-27, and 29 have been amended.

Claims 37-47 are new claims.

Claim Objections

Claim 26 is objected to because of the following informalities: typographical error "form" is supposed to be "from". Appropriate correction is required.

Claim 37 is objected to because of the following informalities: grammatical error in the preamble "cause" supposed to be "causes". Appropriate correction is required.

Claim Rejections - 35 USC § 103

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

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

The factual inquiries set forth in *Graham* v. *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-32, and 34-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bloebaum et al. (US 6204808 B1), and in view of DeLorme et al. (US 6321158 B1).

Regarding claim 1. A method of providing navigation information using a cellular telephone, comprising:

- receiving, by a mobile communication device (Col. 4 line: 1, Bloebaum et al. teaches mobile device with GPS receiver), information about a current location of the mobile communication device (col. 5 lines: 29-35, col. 9 lines: 38-63, Bloebaum et al. teaches mobile device receiving ephemeris data about its location); wherein the information about the current location includes global positioning system (GPS) information (abstract, Bloebaum et al. teaches sending information via wireless network to mobile device including that of ephemeris data) and additional information about the current position of the mobile communication device other than the GPS information (col. 5 lines: 39-48, Bloebaum et al. teaches receiving along GPS information code phases and other information of the fixed wireless network to exactly measure location information);
- communicating, by the mobile communication device, with a remote source (MLC 14) ~~server~~ over a wireless ~~said cellular~~ network (col. 7 lines: 17-28, Bloebaum et al. teaches mobile communicating when moving into new area wirelessly including HLR and VLR of the different networks hence over a wireless networks communicating with mobile device and networks), ~~and~~
- wherein said communicating comprises sending the information about the current location to the remote source (MCL 14); (col. 20 lines: 45-57, Bloebaum et al.

teaches mobile device sending information to the MCL 14 for calculation of current location within the serving area of the MCL 14), and

- receiving by the mobile communication device, navigation information from ~~said~~ remote source in response to sending the information about the current location; and (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone thereby obtaining ephemeris information for the mobile device to calculate);
- However, Bloebaum et al. is silent ~~wherein said~~ displaying, by the mobile communication device, the navigation information ~~is displayed on said cellular telephone~~; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 11. A method, comprising:

- receiving, by ~~in~~ a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) ~~cellular telephone~~ (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- information and additional information about a local position of the mobile communication device ~~at least one item~~ other than the GPS information (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone. col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware);
- determining, by the server, navigation ~~local position~~ information ~~about said~~ associated with the local position based on the position information (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone); and
- However, Bloebaum et al. is silent about ~~returning map information from said~~ transmitting, by the server, the navigation information to the mobile communication device ~~said cellular telephone, based on said plurality of items~~;

nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 18. A method comprising:

- acquiring, by a communication device, a plurality of items of information representing a current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and supplemental information associated with the current location~~, including at least GPS information from said location detection part~~ (abstract, col. 9 lines: 38-45, Bloebaum et al. teaches communication between mobile device and MLC 14 for GPS and additional data e.g. local clock, location information, et cetera), and
- communicating, by the communication device, the plurality of items of information to a remote server (col. 20 lines: 45-57, Bloebaum et al. teaches mobile device sending information to the MCL 14 for calculation of current location within the serving area of the MCL 14),

- receiving, by the communication device ~~from, said remote server~~, current position information in response to communicating the plurality of items of information (col. 4 lines: 32-42, Bloebaum et al. teaches that it is part of the invention to include navigational messages to recipients. col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone), and
- However, Bloebaum et al. is silent about displaying, by the communication device, the current position information; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 20. A system, comprising:

- A communication interface configured to receive a communication from a cellular telephone over a cellular telephone network (abstract, col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),

- wherein the communication comprises global positioning system (GPS),
- information and supplemental information about a current position of the cellular telephone (col. 9 lines: 38-52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal);
- a database configured to store local information associated with the current position; and
- processing device configured to:
    - process the GPS information and the supplemental information;
    - retrieve the local ~~said computer part looking up~~ information from the ~~a~~ database ~~about said first location~~ in response to processing the GPS information and the supplemental ~~based on said plurality of items of~~ information (col. 9 lines: 38-52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal), and
- ~~returning~~ generate mapping information associated with the current-(col. 9 lines: 10-21, Bloebaum et al. teaches cellular telephone that communicates in cellular network),
- However, Bloebaum et al. is silent about cause the mapping information to be transmitted to the cellular telephone; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et

al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 29. A system comprising a cellular telephone network

- with at least one server in communication with at least one cellular telephone via said cellular network (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- said server able to receive data from said cellular telephone relating to said cellular telephone's current position (col. 9 lines: 53-63, Bloebaum et al. teaches network elements associated with current position of mobile device and its' position),
- said server providing data from a database to said cellular telephone concerning said current position for display on said cellular telephone (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware). However, Bloebaum et al. is silent about displaying, on said cellular telephone, information relating to said current position; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map

graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Consider claim 2. A method as in claim 1, wherein the navigation information comprises a map ~~further comprising sending information to said cellular telephone~~ centered around the ~~said~~ current location (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 3. A method as in claim 1, wherein the additional information is received from a second remote source over the wireless network (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device in a network, hence, multiple devices sending information and updates).

Consider claim 4. A method as in claim ~~1~~ 3, wherein the second remote source comprises at least one base station (abstract, col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said

HLR/VLR hardware. Figure 4a, denotes 1….N BTS (20) wherein N is a variable denoting more than one BTS).

Consider claim 5. A method as in claim 1 3, wherein the second remote source comprises a local transponder (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware. Figure 4a, denotes 1….N BTS (20) wherein N is a variable denoting more than one BTS).

Consider claim 6. A method as in claim 1, wherein the ~~said~~ navigation information ~~from said remote server~~ indicates information about a direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, direction information included for the mobile device, fig 1A2 shows the expanded depiction of the mobile devices display are point information and/or a moving arrow at 32 that indicate current position and travel direction of the user on the map display as detected by the GPS).

Consider claim 7. A method as in claim 1, wherein the ~~said~~ navigation information is associated with a direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device. fig 1A2 shows the expanded depiction of the mobile devices display are point information and/or a moving arrow at 32 that indicate current position and travel direction of the user on the map display as detected by the GPS) and wherein the method comprises deleting or ignoring, by the mobile

communication device information that is not associated with the direction of travel (abstract, col. 5 lines: 55-col. 6 lines: 49; DeLorme et al. teaches different location and POI's and travel planning to different destinations. Fig 1A shows that the user can choose on which departure points, destinations and other waypoints can be entered or deleted and the shortest, fastest, or otherwise optimized routes calculated. The applicant uses alternative language as to the action).

Consider claim 8. ~~A~~ the method ~~as in~~ claim 1, wherein the ~~said~~ navigation information ~~from said remote server~~ includes additional information about an area around the ~~said~~ current position (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device).

Consider claim 9. ~~A~~ the method ~~as in~~ of claim 1, wherein the ~~said~~ navigation information ~~from said remote server~~ includes first mapping information associated with ~~at~~ a first time centered around a first local position, and wherein the method comprises receiving, by the mobile communication device, additional navigation information including ~~and~~ second mapping information associated with ~~at~~ a second time centered around a second location different than the first local position (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information. Col. 14 lines: 9-27).

Consider claim 10. A method as in claim 1, wherein the first mapping information is associated with a first direction of travel from the second local position to the first local

position, and wherein the second mapping information is associated with ~~than a subset that would exist for~~ a second direction of travel from the first local position to the second local position (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information. Delorme et al. teaches multiple waypoints on the maps and points of interest that the user can choose to select or stop by).

Consider claim 12. A method as in claim 11, further comprising: receiving, by the server, new position information ~~in said server~~ indicating a new position of the mobile communication device; and ~~said cellular telephone, and returning~~ transmitting, by the server, new navigation ~~map~~ information associated with the new position ~~from said server~~ to the mobile communication device ~~said cellular telephone~~ responsive to receiving the ~~said~~ new position information (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information, see rejection of claim 11 related to cellular telephone and server component).

Consider claim 14. ~~A~~ the method ~~as in~~ of claim 12 ~~11~~, wherein transmitting the navigation information comprises transmitting ~~said returning comprises returning~~ first mapping information at a first time associated with the ~~centered around a first~~ local position, and wherein transmitting the new navigation information comprises transmitting ~~returning~~ second mapping information at a second time associated with the

new~~, centered around a second location, different than the first local~~ position (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 16. ~~A~~ the method of ~~as in~~ claim 11, wherein transmitting the navigation information comprises transmitting ~~said~~ information ~~about at least one item other than GPS information~~ includes information about at least one base station which is communicating with the mobile communication device ~~said cellular telephone~~ (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location. col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 17. ~~A~~ the method of ~~as in~~ claim 12 ~~11~~, wherein the additional information ~~about at least one item other than GPS information~~ includes ~~at least~~ information associated with ~~from~~ a local transponder (col. 4 lines: 34-56, DeLorme et al. teaches displaying information about the location the mobile device is located in).

Consider claim 19. The method of ~~system as in~~ claim 18, wherein the communication device comprises ~~said cellular telephone includes~~ a camera and wherein the supplemental information includes image data captured by the camera (fig. 1A3, DeLorme et al. shows that the mobile device has ability to have a digital camera).

Consider claim 21. ~~A~~ the system of ~~as in~~ claim 20, wherein the processing device is further configured to generate ~~said computer part receives new information in said~~

~~computer part indicating a new position of said cellular telephone, and returns~~ new mapping information associated with a new position f~~rom said computer part over said cellular telephone network to said~~ cellular telephone ~~responsive to receiving said new information~~ (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 23. ~~A~~ the system of as in claim 21 ~~20~~, wherein the mapping information is generated ~~said computer part returns a first batch of mapping information~~ at a first time associated with the current position, and wherein the new ~~centered around a first local position, and returns a second batch of~~ mapping information is generated at a second time associated with the new position ~~centered around a second location different than the first location~~ (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc. of current location of mobile device).

Consider claim 25. A system as in claim 20, wherein the supplemental ~~said computer part receives~~ information identifies ~~about~~ at least one base station which is communicating with the ~~said~~ cellular telephone ~~as said at least one item~~ (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 26. ~~A~~ the system of ~~as in~~ claim 21, wherein the mapping information comprises navigation instructions form the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second direction of travel (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 27. ~~A~~ the system of ~~as in~~ claim 21, wherein the supplemental information identifies a first base station associated with the current position, and a second base station associated with the new position (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Regarding claim 37. (New) A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

- generating location data based on one or more global positioning system (GPS) signals (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16);
- receiving supplemental information associated with a current position (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according

to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware);

- transmitting the location data and the supplemental information to a remote processing device (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16); and
- however, Bloebaum et al. is silent about receiving navigation information associated with the current position; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Consider claim 38. (New) The memory device of claim 37, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted

information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16).

Consider claim 39. (New) The memory device of claim 38, wherein the first remote source comprises a base station in communication with a mobile communication device (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 40. (New) The memory device of claim 39, wherein the supplemental information comprises an identity of the base station (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 41. (New) The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16).

Regarding claim 42. (New) An apparatus, comprising:

- means for determining a current location of the apparatus (col. 2 lines: 51-55, Bloebaum et al. teaches assistance data includes more than GPS information

such as local time and position estimates, clock information which vary with the location of the mobile station);

- however, Bloebaum et al. is silent about means for displaying navigation instructions; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).
- means for wirelessly communicating information about the current location to a remote processing device (col. 7 lines: 17-28, Bloebaum et al. teaches mobile communicating when moving into new area wirelessly),
- wherein the information about the current location comprises global positioning system (GPS) information (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware)and

- supplemental information about the current location other than the GPS information (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16); and
- however, Bloebaum et al. is silent about means for wirelessly receiving the navigation instructions associated with the current location; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Consider claim 43. (New) The apparatus of claim 42, wherein the navigation instructions comprise map data generated by the remote processing device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 44. (New) The apparatus of claim 42, further comprising means for acquiring the GPS information (col. 16 lines: 14-19, Bloebaum teaches GPS-MS 10 which has the means and the hardware to receive GPS location information).

Consider claim 45. (New) The apparatus of claim 42, further comprising means for acquiring the supplemental information (col. 5 lines: 34-42, DeLorme et al. teaches additional features that include trip planner that is flexible and not relegated to the prescribed or suggested routes and tours of other editors).

Consider claim 46. (New) The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device), and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location (fig. 1A2 element 18 which has means to receive and transmit information wirelessly for navigation instructions).

Regarding claim 47. (New) The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location (col. 4 lines: 3—47, DeLorme et al. teaches text directions lists for user to use to go to and fro points on GPS map rendition).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEGO HERRERA whose telephone number is (571)272-0907. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Diego Herrera/
Examiner, Art Unit 2646
/Sam Bhattacharya/
Primary Examiner, Art Unit 2646

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7327312		2008-02-05	Harris	
	2	7817085		2010-10-19	Harris	
	3	7642955		2010-01-05	Harris	
	4	7551128		2009-06-23	Harris	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

EFS Web 2.1.17

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Diego Herrera/	Date Considered	03/24/2013

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Bryan D. Kirkpatrick/	Date (YYYY-MM-DD)	2012-12-04
Name/Print	Bryan D. KIRKPATRICK	Registration Number	53,135

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

EFS Web 2.1.17 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011	06/16/2011	05/07/2013					
	1	✓	✓	✓	✓					
	2	✓	✓	✓	✓					
	3	✓	✓	✓	✓					
	4	✓	✓	✓	✓					
	5	✓	✓	✓	✓					
	6	✓	✓	✓	✓					
	7	✓	✓	✓	✓					
	8	✓	✓	✓	✓					
	9	✓	✓	✓	✓					
	10	✓	✓	✓	✓					
	11	✓	✓	✓	✓					
	12	✓	✓	✓	✓					
	13	✓	✓	✓	-					
	14	✓	✓	✓	✓					
	15	✓	✓	✓	-					
	16	✓	✓	✓	✓					
	17	✓	✓	✓	✓					
	18	✓	✓	✓	✓					
	19	✓	✓	✓	✓					
	20	✓	✓	✓	✓					
	21	✓	✓	✓	✓					
	22	✓	✓	✓	-					
	23	✓	✓	✓	✓					
	24	✓	✓	✓	-					
	25	✓	✓	✓	✓					
	26	✓	✓	✓	✓					
	27	✓	✓	✓	✓					
	28	✓	✓	✓	-					
	29	✓	✓	✓	✓					
	30	✓	✓	✓	-					
	31	✓	✓	✓	-					
	32	✓	✓	✓	-					
	33	✓	-	✓	-					
	34	✓	✓	✓	-					
	35	✓	✓	✓	-					
	36	✓	✓	✓	-					

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011	06/16/2011	05/07/2013					
	37				✓					
	38				✓					
	39				✓					
	40				✓					
	41				✓					
	42				✓					
	43				✓					
	44				✓					
	45				✓					
	46				✓					
	47				✓					

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-02-14
First Named Inventor	Scott C. HARRIS
Art Unit	2617
Examiner Name	Diego D. HERRERA
Attorney Docket Number	7398-0010

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5543802	A	1996-08-00	Villevieille et al.	
	2	5918224	A	1999-06-00	Bredenberg	
	3	5926118	A	1999-07-00	Hayashida et al.	
	4	5944768	A	1999-08-00	Ito et al.	
	5	5964821	A	1999-10-00	Brunts et al.	
	6	6069570	A	2000-05-00	Herring	
	7	6320496	B1	2001-11-00	Sokoler et al.	
	8	6473031	B1	2002-10-29	Harris	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	9	6484093	B1	2002-11-00	Ito et al.	
	10	6769010	B1	2004-07-00	Knapp et al.	
	11	6983203	B1	2006-01-00	Wako	
	12	7031983	B2	2006-04-00	Israni et al.	
	13	7327312	B1	2008-02-05	Harris	
	14	7551128	B2	2009-06-23	Harris	
	15	7642955	B2	2010-01-05	Harris	
	16	7817085	B2	2010-10-19	Harris	
	17	5334974		1994-08-02	Simms et al.	
	18	5491745	A	1996-02-00	Roeder	
	19	5894276	A	1999-04-00	Altidor et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	20	6121922		2000-09-00	Mohan	
	21	6311069		2001-10-00	Havinis et al.	
	22	6505048	B1	2003-01-00	Moles et al.	
	23	6675017	B1	2004-01-00	Zellner et al.	
	24	6687504	B1	2004-02-00	Raith	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010018663	A1	2001-08-00	Dussell et al.	
	2	20020077905	A1	2002-06-00	Arndt et al.	
	3	20030001774	A1	2003-01-02	Harris	
	4	20030182052	A1	2003-09-00	DeLorme et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	5	20030195008	A1	2003-10-00	Mohi et al.	
	6	20030216145	A1	2003-11-00	Cox et al.	
	7	20040077359	A1	2004-04-00	Bernas et al	
	8	20040110515	A1	2004-06-00	Blumberg et al.	
	9	20050091118	A1	2005-04-00	Fano	
	10	20070069923	A1	2007-03-00	Mendelson	
	11	20070118280	A1	2007-05-00	Uhlmann et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2]	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	International Search Report mailed July 31, 2002, PCT Application No. PCT/US01/31947, filed October 12, 2001, 1 page.	☐
	2	STOLOWITZ FORD COWGER LLP, "Listing of Related Cases", June 13, 2011, 2 pages.	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Diego Herrera/	Date Considered	03/24/2013

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.3	9/21/2010	dh

SEARCH NOTES		
Search Notes	Date	Examiner
plus search, east text search, fwd and rev. search, ids checked.	9/23/2010	dh
plus search, east text search, fwd and rev. search. ids checked. and change prior art due to amendments.	3/9/2011	dh
east text search, fwd and reverse search.	6/16/2011	dh
reviewed amended claims, reviewed art and remarks. found new matter and other objections on claims.	5/9/2013	dh

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/DIEGO HERRERA/ Examiner.Art Unit 2617	

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-02-14
First Named Inventor	Scott C. HARRIS
Art Unit	2617
Examiner Name	Diego D. HERRERA
Attorney Docket Number	7398-0010

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7327312		2008-02-05	Harris	
	2	7817085		2010-10-19	Harris	
	3	7642955		2010-01-05	Harris	
	4	7551128		2009-06-23	Harris	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Bryan D. Kirkpatrick/	Date (YYYY-MM-DD)	2012-12-04
Name/Print	Bryan D. KIRKPATRICK	Registration Number	53,135

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	14380638
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	04-DEC-2012
Filing Date:	14-FEB-2008
Time Stamp:	16:05:54
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		7398-0010_IDS_12-04-12.pdf	196418 c908a0dcf5061ef479dd24bfb8952d63270bbf98	yes	5

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Information Disclosure Statement (IDS) Form (SB08)	2	5
Warnings:			
Information:			
	Total Files Size (in bytes):	196418	

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.

PATENT APPLICATION
Application No.: 12/014,093
Atty Do. No.: 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MISCELLANEOUS TRANSMITTAL LETTER FOR EFS PAYMENT OF FEE(S)

☐ Payment of fees is made via electronic filing system authorizing credit card payments.

☒ In the event of computer malfunction, Applicants request that any fees be charged to Deposit Account No. 50-4348.

☒ Please charge any deficiency or credit any over-payment to Deposit Account No. 50-4348.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
1140 SW 11th Avenue, Suite 400
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	12014093	Filing Date	2008-02-14	Docket Number (if applicable)	7398-0010	Art Unit	2617
First Named Inventor	Scott C. HARRIS			Examiner Name	Diego D. HERRERA		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

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

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

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

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☒ Other Notification of Loss of Entitlement to Small Entity Status

MISCELLANEOUS

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

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 504348

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

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

Signature of Registered U.S. Patent Practitioner			
Signature	/Bryan D. Kirkpatrick/	Date (YYYY-MM-DD)	2011-06-13
Name	Bryan D. KIRKPATRICK	Registration Number	53135

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-02-14
First Named Inventor	Scott C. HARRIS
Art Unit	2617
Examiner Name	Diego D. HERRERA
Attorney Docket Number	7398-0010

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5543802	A	1996-08-00	Villevieille et al.	
	2	5918224	A	1999-06-00	Bredenberg	
	3	5926118	A	1999-07-00	Hayashida et al.	
	4	5944768	A	1999-08-00	Ito et al.	
	5	5964821	A	1999-10-00	Brunts et al.	
	6	6069570	A	2000-05-00	Herring	
	7	6320496	B1	2001-11-00	Sokoler et al.	
	8	6473031	B1	2002-10-29	Harris	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	9	6484093	B1	2002-11-00	Ito et al.	
	10	6769010	B1	2004-07-00	Knapp et al.	
	11	6983203	B1	2006-01-00	Wako	
	12	7031983	B2	2006-04-00	Israni et al.	
	13	7327312	B1	2008-02-05	Harris	
	14	7551128	B2	2009-06-23	Harris	
	15	7642955	B2	2010-01-05	Harris	
	16	7817085	B2	2010-10-19	Harris	
	17	5334974		1994-08-02	Simms et al.	
	18	5491745	A	1996-02-00	Roeder	
	19	5894276	A	1999-04-00	Altidor et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	20	6121922		2000-09-00	Mohan	
	21	6311069		2001-10-00	Havinis et al.	
	22	6505048	B1	2003-01-00	Moles et al.	
	23	6675017	B1	2004-01-00	Zellner et al.	
	24	6687504	B1	2004-02-00	Raith	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010018663	A1	2001-08-00	Dussell et al.	
	2	20020077905	A1	2002-06-00	Arndt et al.	
	3	20030001774	A1	2003-01-02	Harris	
	4	20030182052	A1	2003-09-00	DeLorme et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

	5	20030195008	A1	2003-10-00	Mohi et al.	
	6	20030216145	A1	2003-11-00	Cox et al.	
	7	20040077359	A1	2004-04-00	Bernas et al	
	8	20040110515	A1	2004-06-00	Blumberg et al.	
	9	20050091118	A1	2005-04-00	Fano	
	10	20070069923	A1	2007-03-00	Mendelson	
	11	20070118280	A1	2007-05-00	Uhlmann et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	International Search Report mailed July 31, 2002, PCT Application No. PCT/US01/31947, filed October 12, 2001, 1 page.	☐
	2	STOLOWITZ FORD COWGER LLP, "Listing of Related Cases", June 13, 2011, 2 pages.	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-02-14
	First Named Inventor	Scott C. HARRIS
	Art Unit	2617
	Examiner Name	Diego D. HERRERA
	Attorney Docket Number	7398-0010

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Bryan D. Kirkpatrick/	Date (YYYY-MM-DD)	2011-06-13
Name/Print	Bryan D. KIRKPATRICK	Registration Number	53,135

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/31947

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01S 5/02; H04B 7/185
US CL : 342/357.09, 357.1; 701/215; 455/456

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 342/357.09, 357.1; 701/215; 455/456

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,049,718 A (STEWART) 11 APRIL 2000 (11/04/00) Note GPS receiver (40), cellular telephone (Figure 2), and manual override switch (42).	1-20
X	US 5,751,373 A (OHYAMA, ET AL) 12 MAY 1998 (12/05/98) Note manual override switch (103 in Figure 17).	1-20

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
27 February 2002 (27.02.2002)

Date of mailing of the international search report
31 JUL 2002

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231
Facsimile No. (703)305-3230

Authorized officer
THEODORE BLUM
Telephone No. 703-306-4177

Form PCT/ISA/210 (second sheet) (July 1998)

Electronic Patent Application Fee Transmittal	
Application Number:	12014093
Filing Date:	14-Feb-2008
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Filer:	Bryan Kirkpatrick/Theresa Belland
Attorney Docket Number:	7398-0010
Filed as Large 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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for continued examination	1801	1	810	810
		Total in USD ($)		**810**

Electronic Acknowledgement Receipt	
EFS ID:	10293407
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	11788
Filer:	Bryan Kirkpatrick/Theresa Belland
Filer Authorized By:	Bryan Kirkpatrick
Attorney Docket Number:	7398-0010
Receipt Date:	13-JUN-2011
Filing Date:	14-FEB-2008
Time Stamp:	18:28:18
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$810
RAM confirmation Number	5124
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1		7398-0010_Amend_B.pdf	2030691 e39483c85b8190dcf56477a54f4fb95c6e8dca6d	yes	35

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Miscellaneous Incoming Letter	1	1
Miscellaneous Incoming Letter	2	2
Amendment After Final	3	3
Specification	4	6
Claims	7	15
Applicant Arguments/Remarks Made in an Amendment	16	20
Drawings-only black and white line drawings	21	22
Request for Continued Examination (RCE)	23	25
Information Disclosure Statement (IDS) Form (SB08)	26	32
Non Patent Literature	33	34
Non Patent Literature	35	35

Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30662 d306e734e121492cdeea2ba3d1f06bdfb4c6a314	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	2061353	

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.

PATENT APPLICATION
Application No.: 12/014,093
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MISCELLANEOUS TRANSMITTAL LETTER FOR EFS FILINGS OF AMENDMENTS REGARDING PAYMENT OF FEES AND EXTENSION OF TIME

	Claims After Amendment	Highest Number Previously Paid	Present Extra Claims
Total Claims	35	36	-0-
Independent Claims	7	8	-0-

☐ Applicants petition the Commissioner to extend the time for response (if applicable).

☒ Payment of fees is made via electronic filing system authorizing credit card payments.

☒ In the event of computer malfunction, Applicants request that any fees be charged to Deposit Account No. 50-4348.

☒ Please charge any deficiency or credit any over-payment to Deposit Account No. 50-4348.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick
Registration No. 53,135

STOLOWITZ FORD COWGER LLP
621 S.W. Morrison Street, Suite 600
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

PATENT APPLICATION
Atty Do. No. 7398-0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2617
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	June 13, 2011

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

NOTIFICATION OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS UNDER 37 CFR 1.27(g)(2)

Applicant hereby notifies the U.S. Patent and Trademark Office of the loss of entitlement to small entity status. Please update the entity status for the above-identified application to LARGE.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

Bryan Kirkpatrick

Bryan D. Kirkpatrick, Reg. No. 53,135

STOLOWITZ FORD COWGER LLP
621 SW Morrison Street, Suite 600
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Scott C. HARRIS
Application No.:	12/014,093
Filed:	February 14, 2008
Confirmation No.:	9898
Examiner:	Diego D. HERRERA
Group Art Unit:	2617
For:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS
Date:	June 13, 2011

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

AMENDMENT ACCOMPANIED BY
REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER 37 CFR § 1.114

Responsive to the Final Office Action dated March 31, 2011, please amend the application as follows.

Amendments of the Drawings begin on page 2.

Amendments of the Specification begin on page 3.

Claim Amendments begin on page 5.

Remarks/Arguments begin on page 14.

DRAWINGS

Attached herewith is a Replacement sheet and an Annotated sheet of drawings showing the changes for FIG. 3A. The second instance of reference number 310 is replaced with reference number 350.

SPECIFICATION

Please amend the specification with the following replacement paragraphs numbered according to the published application U.S. 2008/0132250:

[0004] FIG. 1 shows an electronic device, which can be a wap phone, regular cellular phone, or any other electronic device [[100]]. The device is shown with electronic circuitry including electronic processor 110 which processes signals from both GPS device 115, and from a codec 120. The processor also controls an RF device 125.

[0022] Another embodiment is shown in FIGS. 3A and 3B. This embodiment may be most usable with a satellite positioning system in a telephone. In this kind of phone, both sets of electronics--the GPS and the codec--may use a common processor. However, a GPS system often requires a separate antenna ~~shown as 300~~. The separate antenna may be very sensitive to reception. For example, while cellular telephones can often be used indoors, corresponding GPS devices may not be usable in the same situations. Moreover, each separate telephone type will have a GPS antenna [[300]] placed in a specified location. There are relatively few telephone types in common use, usually less than 50 types. This system finds, for each telephone type, where the GPS antenna will be placed. The device 350 is made of an RF absorbing or reflecting material such as metal. The device is also made in a way which allows it to be temporarily attached to the telephone, e.g., by clipping on to the phone. For example, the device may fit on both sides of the telephone 310 and 320 and wrap around the telephone to cover areas adjacent the antenna on both of the surfaces. The cover 350 covers both sides of the antenna [[300]], and therefore prevents GPS operation while the cover is clamped into place. In this way, privacy can be effectively temporarily enhanced. FIGS. 3A and 3B show two different places where the shield could be attached; but it should be understood that the shield could be attached in many different places.

[0025] Satellite positioning system information is often provided in broad spectrum noise. The jammer 400 may produce broad spectrum noise, which includes information indicative of three satellites, but which is transmitted at a sufficiently low power to be receivable only at a very short range. In the system of FIG. 4, the jammer can also be attached using attachment clips 404.

The attachment can place the transmitter of the jammer in close proximity with the satellite positioning system antenna 402.

[0066] The graphical selection embodiment may start with the view shown in FIG. 9A, which shows a rough map of the entire area. This may represent [[the]] either the entire area that can be navigated, or only a portion of that area. The user can select an area shown as "?" [[900]] by clicking, which brings up the menu of FIG. 9B [[9b]]. FIG. 9B shows a zoomed area, centered around the selected location 900, e.g. 10 miles in each direction. The exact extent of the area may depend on the scale of the map of FIG. 9A. As an alternative, the map of FIG. 9B [[9b]] may be initially shown, with options to allow the user to expand the scale of what they view. For example, the control 810 [[910]] may command zoom out, with 812 [[912]] commanding "zoom out a lot". At any point, the user may press the control 814 [[914]] to bring up a script, e.g. a JavaScript, enabling the user to enter text.

[0067] In order to facilitate navigation, the user may be provided with landmarks. For example, the user may be shown different cities within the selected area. In FIG. 9B, the user sees such cities such as Oceanside Center, as 816 [[916]]. Arrows are also provided such as 817 [[917]] enabling the map view to be rotated. The user may also be shown other common landmarks such as shopping centers and other items which enable the user to better get their bearing.

[0068] In an embodiment, again the GPS device may store a minimal amount of information in order to facilitate operation on a thin client. Therefore, each time the user executes any of the clicks discussed above, the contents of the click, shown as 922, are sent as a form to a Web service. As above, the form may be in XML format, with specified tags indicating the content and format. In FIG. 9B [[9b]], the user has tagged the location 819 [[919]]. Therefore, a new area tag, along with general coordinates of the new tagged area, are sent as XML information to the Web service that handles the navigation operation. The Web service returns information at 924 (FIG. 9C). This includes a recentered map now centered around the selected point 919. The recentered map shows detailed streets that are as close to the point 919 as possible. Each street may be associated with a screen tip. Placing the cursor over the street may bring up a screen tip or other information on the screen showing the additional buttons for movement.

CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) A method ~~of providing navigation information using a cellular telephone~~, comprising:

~~providing a location detection part in said cellular telephone to determine~~

receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information and additional information about the current position of the mobile communication device other than the GPS information ~~said cellular telephone~~;

~~providing a communication part in said cellular telephone to allow communication of cellular telephone calls over a cellular network;~~

~~controlling said communication part in said cellular telephone to communicate~~

communicating, by the mobile communication device, with a remote source [[server]] over a wireless ~~said cellular~~ network, ~~and to send at least information representing~~ wherein said communicating comprises sending the information about the current location to the remote source; ~~of said cellular telephone to said remote server, including first information from said location detection part and at least second information from a source other than from said location detection part; and~~

receiving by the mobile communication device, navigation information from the [[said]] remote source in response to sending the information about the current location; and ~~server in said cellular telephone based on said item of information sent to said remote server; wherein said~~

displaying, by the mobile communication device, the navigation information ~~is displayed on said cellular telephone~~.

2. (Currently Amended) [[A]] The method of [[as in]] claim 1, wherein the navigation information comprises a map ~~further comprising sending information to said cellular telephone~~ centered around the [[said]] current location.

3. (Currently Amended) [[A]] The method of [[as in]] claim 1, wherein ~~said item of information includes at least GPS~~ the additional information is received from a second remote source over the wireless network.

4. (Currently Amended) [[A]] The method of [[as in]] claim 3, [[1,]] wherein the second remote source comprises ~~said second information includes information about~~ at least one base station ~~which is communicating with said cellular telephone~~.

5. (Currently Amended) [[A]] The method of [[as in]] claim 3, [[1,]] wherein the second remote source comprises ~~said second information includes at least information from~~ a local transponder.

6. (Currently Amended) [[A]] The method of [[as in]] claim 1, wherein the [[said]] navigation information ~~from said remote server~~ indicates information about a direction of travel.

7. (Currently Amended) [[A]] The method of [[as in]] claim 1, wherein the [[said]] navigation information is associated with ~~from said remote server includes a subset of information based on~~ a direction of travel, and wherein the method comprises deleting or ignoring, by the mobile communication device, information that is not associated with the direction of travel ~~and where said subset of information is a first subset of information for a first direction of travel and is a second subset of information for a second direction of travel, and where said second direction is different than said first direction, and said second subset includes different information than said first subset~~.

8. (Currently Amended) [[A]] The method of [[as in]] claim 1, wherein the [[said]] navigation information ~~from said remote server~~ includes additional information about an area around the [[said]] current location.

9. (Currently Amended) [[A]] The method of [[as in]] claim 1, wherein the [[said]] navigation information ~~from said remote server~~ includes first mapping information associated with [[at]] a first time centered around a first local position, and wherein the method comprises

receiving, by the mobile communication device, additional navigation information including [[and]] second mapping information associated with [[at]] a second time centered around a second location different than the first local position.

10. (Currently Amended) [[A]] The method of [[as in]] claim 9, [[1,]] wherein the first mapping information is associated with ~~said navigation information from said remote server includes a subset of information based on a direction of travel and includes a different subset of information for~~ a first direction of travel from the second local position to the first local position, and wherein the second mapping information is associated with ~~than a subset that would exist for~~ a second direction of travel from the first local position to the second local position.

11. (Currently Amended) A method, comprising:

receiving, by [[in]] a server, position information from a mobile communication device, wherein the position information includes global positioning system (GPS) ~~cellular telephone, said position information including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS~~ information and additional information about a local position of the mobile communication device ~~at least one item~~ other than the GPS information;

~~using a database associated with said server to determine~~ determining, by the server, navigation ~~local position~~ information associated with the ~~about said~~ local position based on the position information; and

~~returning map information from said~~ transmitting, by the server, the navigation information to the mobile communication device ~~said cellular telephone, based on said plurality of items~~.

12. (Currently Amended) [[A]] The method of [[as in]] claim 11, further comprising:

receiving, by the server, new position information ~~in said server~~ indicating a new position of the mobile communication device; and ~~said cellular telephone, and returning~~

transmitting, by the server, new navigation [[map]] information associated with the new position ~~from said server~~ to the mobile communication device ~~said cellular telephone~~ responsive to receiving the [[said]] new position information.

13. (Cancelled)

14. (Currently Amended) [[A]] The method of [[as in]] claim 12, [[11,]] wherein transmitting the navigation information comprises transmitting ~~said returning comprises returning~~ first mapping information at a first time associated with the ~~centered around a first~~ local position, and wherein transmitting the new navigation information comprises transmitting ~~returning~~ second mapping information at a second time associated with the new ~~,centered around a second location, different than the first local~~ position.

15. (Cancelled)

16. (Currently Amended) [[A]] The method of [[as in]] claim 11, wherein the additional [[said]] information ~~about at least one item other than GPS information~~ includes information about at least one base station which is communicating with the mobile communication device ~~said cellular telephone~~.

17. (Currently Amended) [[A]] The method of [[as in]] claim 11, wherein the additional [[said]] information ~~about at least one item other than GPS information~~ includes ~~at least~~ information associated with [[from]] a local transponder.

18. (Currently Amended) A method comprising:

~~providing a cellular telephone having a processor, a location detection part, a display, and a communication part, wherein, said cellular telephone acquires~~ acquiring, by a communication device, a plurality of items of information representing a [[its]] current location of the communication device, wherein the plurality of items of information comprises global positioning system (GPS) information and supplemental information associated with the current location;~~, including at least GPS information from said location detection part and also information about at least one item other than GPS information, and wherein said communication part communicates said~~

communicating, by the communication device, the plurality of items of information to a remote server;[[,]]

receiving, by the communication device ~~from said remote server~~, current position information in response to communicating the ~~said cellular telephone based on said~~ plurality of items of information;[[,]] and

displaying, by the communication device, the ~~on said cellular telephone, information relating to said~~ current position information.

19. (Currently Amended) The method of ~~system as in~~ claim 18, wherein the communication device comprises ~~said cellular telephone includes~~ a camera and wherein the supplemental information includes image data captured by the camera.

20. (Currently Amended) A system, comprising:

a communication interface configured to receive a ~~computer part, receiving a wireless~~ communication from a cellular telephone over a cellular telephone network, wherein the communication comprises global positioning system (GPS) ~~at a location that is remote from a first location of said cellular telephone, said communication including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS~~ information and supplemental information about a current position of the cellular telephone ~~at least one item other than GPS information about said first location~~;

a database configured to store local information associated with the current position; and

a processing device configured to:

process the GPS information and the supplemental information;

retrieve the local ~~said computer part looking up~~ information from the [[a]] database ~~about said first location~~ in response to processing the GPS information and the supplemental ~~based on said plurality of items of~~ information;~~, and returning~~

generate mapping information associated with the current ~~indicative of said local position; and~~ ~~over the cellular telephone network, said information including at least~~

cause the mapping information to be transmitted to the cellular telephone. ~~about said first location, from said database based on all of said plurality of items of information.~~

21. (Currently Amended) [[A] The system of [[as in]] claim 20, wherein the processing device is further configured to generate ~~said computer part receives new information in said computer part indicating a new position of said cellular telephone, and returns~~ new mapping information associated with a new position of the ~~from said computer part over said cellular telephone network to said~~ cellular telephone ~~responsive to receiving said new information~~.

22. (Cancelled)

23. (Currently Amended) [[A] The system of [[as in]] claim 21, [[20,]] wherein the mapping information is generated ~~said computer part returns a first batch of mapping information~~ at a first time ~~centered around~~ associated with the current position, and wherein the new ~~a first local position, and returns a second batch of~~ mapping information is generated at a second time associated with the new position ~~centered around a second location different than the first location~~.

24. (Cancelled)

25. (Currently Amended) [[A] The system of [[as in]] claim 20, wherein the supplemental ~~said computer part receives~~ information identifies [[about]] at least one base station which is communicating with the [[said]] cellular telephone ~~as said at least one item~~.

26. (Currently Amended) [[A] The system of [[as in]] claim 21, wherein the mapping information comprises navigation instructions form the current position to the new position in a first direction of travel, and wherein the new mapping information comprises navigation instructions from the new position to the current position in a second ~~20, wherein said computer part obtains and returns a subset of information based on a~~ direction of travel.

27. (Currently Amended) [[A] The system of [[as in]] claim 21, wherein the supplemental information identifies a first base station associated with the current position, and a second base station associated with the new position ~~20, wherein said computer part receives information about said first location that includes information about at least one base station which is communicating with said cellular telephone as at least one of said items of information~~.

28. (Cancelled)

29. (Currently Amended) A system comprising

a mobile communication device;

a base station configured to receive wireless communications from the mobile communication device; and

a remote processor configured to:

communicate with the mobile communication device via the base station, wherein in response to receiving ~~a cellular telephone network with at least one server in communication with at least one cellular telephone via said cellular network, said server able to receive~~ data from the mobile communication device, the remote processor is further configured to:

generate navigation information associated with a ~~said cellular telephone relating to said cellular telephone's~~ current position of the mobile communication device; and

transmit the navigation information~~, said server providing data from a database to said cellular telephone concerning said current position~~ for display on the mobile communication device ~~said cellular telephone~~.

30-36. (Cancelled)

37. (New) A memory device having instructions stored thereon that, in response to execution by a processing device, cause the processing device to perform operations comprising:

generating location data based on one or more global positioning system (GPS) signals;

receiving supplemental information associated with a current position;

transmitting the location data and the supplemental information to a remote processing device; and

receiving navigation information associated with the current position.

38. (New) The memory device of claim 37, wherein the supplemental information is received from a first remote source, and wherein the navigation information is received from a second remote source.

39. (New) The memory device of claim 38, wherein the first remote source comprises a base station in communication with a mobile communication device.

40. (New) The memory device of claim 39, wherein the supplemental information comprises an identity of the base station.

41. (New) The memory device of claim 39, wherein the second remote source comprises a network server associated with the mobile communication device.

42. (New) An apparatus, comprising:

means for determining a current location of the apparatus;

means for displaying navigation instructions;

means for wirelessly communicating information about the current location to a remote processing device, wherein the information about the current location comprises global positioning system (GPS) information and supplemental information about the current location other than the GPS information; and

means for wirelessly receiving the navigation instructions associated with the current location.

43. (New) The apparatus of claim 42, wherein the navigation instructions comprise map data generated by the remote processing device.

44. (New) The apparatus of claim 42, further comprising means for acquiring the GPS information.

45. (New) The apparatus of claim 42, further comprising means for acquiring the supplemental information.

46. (New) The apparatus of claim 42, wherein the means for determining comprises means for determining a new location of the apparatus, wherein the means for wirelessly communicating comprises means for wirelessly communicating updated information about the new location to the remote processing device, and wherein the means for wirelessly receiving comprises means for wirelessly receiving updated navigation instructions associated with the new location.

47. (New) The apparatus of claim 46, wherein the means for displaying comprises means for displaying the navigation instructions to find the new location and for displaying the updated navigation instructions for returning to the current location.

REMARKS

The application included claims 1-32 and 34-36 prior to entering this amendment.

The Applicant amends claims 1-12, 14, 16-21, 23, 25-27, and 29, and cancels claims 13, 15, 22, 24, 28, and 30-36.

The Applicant adds new claims 37-47. No new matter is added.

The application remains with claims 1-12, 14, 16-21, 23, 25-27, 29, and 37-47 after entering this amendment.

Request for Continued Examination - 35 U.S.C. § 132(b) & 37 CFR § 1.114

Applicant is filing herewith a Request for Continued Examination. Authorization to pay the examination fee is included with this response.

Claim Rejections

The Examiner rejected claims 1-32 and 34-36 under 35 U.S.C. § 103(a) over Bloebaum (U.S. Patent No. 6,204,808), and in view of DeLorme et al. (U.S. Patent No. 6,321,158).

The rejection is traversed; however, Applicant amends claims 1-12, 14, 16-21, 23, 25-27, and 29, and cancels claims 13, 15, 22, 24, 28, and 30-36 only to expedite prosecution, and without prejudice to pursuing the claims as previously presented or in other forms. Amended claim 1 recites a method, comprising:

> receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information and additional information about the current position of the mobile communication device other than the GPS information;
>
> communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending the information about the current location to the remote source;
>
> receiving, by the mobile communication device, navigation information from the remote source in response to sending the information about the current location; and
>
> displaying, by the mobile communication device, the navigation information.

Bloebaum is directed to a wireless network control system that develops and transmits GPS "assistance information to the mobile station via the wireless network" in order for the

mobile station to be able to compute its location (Abstract). The Bloebaum reference was identified by Applicant in an Information Disclosure Statement filed on January 5, 2011.

In rejecting claim 1, the Examiner alleged that Bloebaum discloses "to send at least information representing the current location of said cellular telephone to said remote server" (page 4, fourth bullet point of the Office Action) and cited col. t, line 63 to col. 7, line 28 in support. Claim 1 is amended to recite, in part, *communicating, by the mobile communication device, with a remote source over a wireless network, wherein said communicating comprises sending the information about the current location to the remote source.*

The cited section of Bloebaum states that "the VLR 116 associated with the MSC 114 requests information about the MS 120 from the HLR 126 (while simultaneously informing the HLR 126 about the new location of the MS 120)" (col. 7, lines 17-24). In other words, the visitor location register (VLR) associated with the mobile switching center (MSC) requests the information from the home location register (HLM), not from the mobile station.

Applicant respectfully submits that the cited section fails to disclose *wherein said communicating* (by the mobile communication device) *comprises sending the information about the current location to the remote source.* To the contrary, Bloebaum describes that "the processor 34 (of the mobile station) is programmed, in accordance with the invention, to make GPS positioning measurements using information received from the wireless network" (col. 9, lines 32-36). In fact, it is not clear what, if any, information about a current location is sent form Bloebaum's mobile station to Bloebaum's mobile location center.

In rejecting claim 1, the Examiner further alleged that Bloebaum discloses "receiving navigation information from said remote server in said cellular telephone based on said item of information sent to said remote server" (page 5, first bullet point of the Office Action) and cited col. 11, lines 18-40 in support. Applicant respectfully disagrees. Claim 1, as amended, recites in part, *receiving, by the mobile communication device, navigation information from the remote source in response to sending the information about the current location.*

As discussed above, Bloebaum's mobile station does not send information about the current location, in the first instance. Furthermore, rather, according to Bloebaum, since "the current GSM network architecture may not be able to support the amount of data transmission required" (col. 3, lines 48), "the mobile station is operated to utilize the assistance information to compute estimates of code phase and frequency offset... to acquire the signal... for the particular

satellite" (col. 4, lines 43-48). The Examiner cited section at col. 11, lines 18-40 merely describes how the mobile location center (MLC) calculates the assistance information provided to the mobile station.

As discussed above, Bloebaum's mobile station makes the GPS positioning measurements using the assistance information(col. 9, lines 32-36). Assuming the Examiner is interpreting the GPS positioning measurement as allegedly disclosing the *navigation information* recited by claim 1, Applicant disagrees with this interpretation. Applicant respectfully submits that since the GPS positioning measurement is made by Bloebaum's mobile station, it therefore follows that the GPS positioning measurement fails to disclose the *navigation information* recited by claim 1, which is received *by the mobile communication device... from the remote source*.

The Examiner acknowledged that Bloebaum fails to disclose "wherein said navigation information is displayed on said cellular telephone" (page 5, second bullet point of the Office Action) and "returning map information from said server to said cellular telephone" (page 6, fourth bullet point of the Office Action). Instead the Examiner alleged that these features are disclosed by DeLorme.

DeLorme is directed to a system that "links desktop personal computer cartographic applications to one or more handheld organizer, personal digital assistant (PDA) or 'palmtop' devices" (Abstract). The subject application is related to U.S. Patent No. 6,700,534 and U.S. Patent No. 7,327,312, both of which were allowed in full view of the DeLorme reference.

Even assuming, arguendo, that the combination of DeLorme with Bloebaum is proper, and that the Examiner's interpretation of DeLorme is correct, the combination of DeLorme with Bloebaum nevertheless fails to disclose all the features recited by claim 1. DeLorme fails to cure the deficiencies of Bloebaum discussed above, and as argued by Applicant in previous responses. For example, Applicant respectfully submits that DeLorme also fails to disclose *receiving, by a mobile communication device, information about a current location of the mobile communication device, wherein the information about the current location includes global positioning system (GPS) information and additional information about the current position of the mobile communication device other than the GPS information*, as recited by claim 1.

According to DeLorme, "Data generated by the GPS receiver may be used for 'real time position updates' in the IRMIS computer display... (and that) IRMIS-generated data may be used

within the GPS receiver by an IRMIS user for guidance in the field... using just a GPS device alone" (col. 1, line 60 to col. 2, line 1). DeLorme's GPS receiver presumably receives GPS signals; however, Applicant respectfully submits that DeLorme fails to disclose that the GPS receiver is able to receive any additional information other than GPS signals.

Although of different scope than claim 1, independent claims 11, 18, 20, and 29 recite certain features similar to those discussed above in claim 1, such that the comments directed to claim 1 also apply to claims 11, 18, 20, and/or 29. As claims 2-10, 12, 14, 16, 17, 19, 21, 23, and 25-27 depend directly or indirectly from independent claims 1, 11, 18, or 20, the comments and revisions directed above to claims 1, 11, 18, and 20 apply equally to claims 2-10, 12, 14, 16, 17, 19, 21, 23, and/or 25-27, respectively. In addition, claims 2-10, 12, 14, 16, 17, 19, 21, 23, and 25-27 recite further subject matter. Accordingly, reconsideration and withdrawal of the rejection of claims 1-12, 14, 16-21, 23, 25-27, and 29 is respectfully requested.

Any statements made by the Examiner that are not addressed by the Applicant do not necessarily constitute agreement by the Applicant. In some cases, the Applicant may have amended or argued the independent claims thereby obviating grounds for rejection of the dependent claims.

New Claims

The Applicant adds new claims 37-47 for consideration. No new matter is added.

CONCLUSION

For the foregoing reasons, the Applicant respectfully requests reconsideration and allowance of the present application. The Examiner is encouraged to telephone the undersigned at (503) 546-1812 if it appears that an interview would be helpful in advancing the case.

Customer No. 73552

Respectfully submitted,

STOLOWITZ FORD COWGER LLP



Bryan D. Kirkpatrick
Reg. No. 53,135

STOLOWITZ FORD COWGER LLP
621 SW Morrison Street, Suite 600
Portland, OR 97205
Telephone: 503-224-2170
Fax: 503-224-2084
Email: docket@stofoco.com

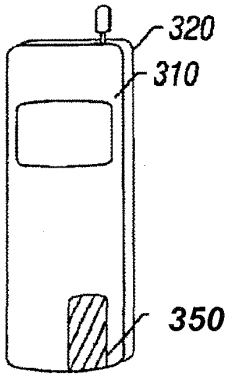


FIG. 3A

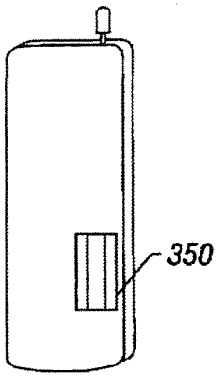


FIG. 3B

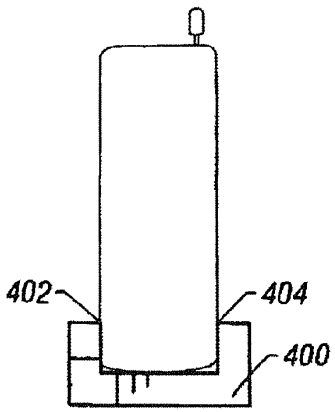


FIG. 4

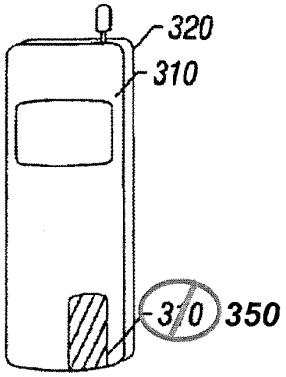


FIG. 3A

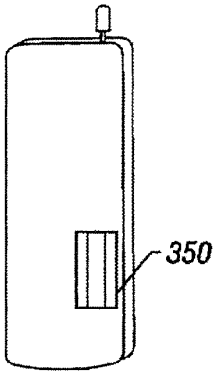


FIG. 3B

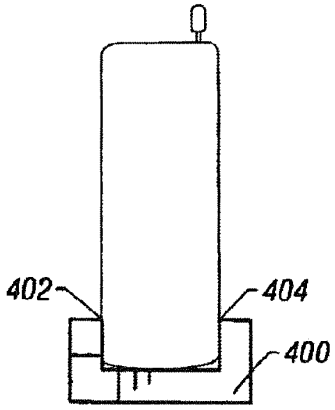


FIG. 4

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/014,093	Filing Date 02/14/2008	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
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			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	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).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	06/13/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	* 35	Minus	** 36	= 0	X $26 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 7	Minus	***8	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ 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)	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA					
	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))									
	☐ 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:
/DIANE JOHNSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

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
12/014,093	02/14/2008	Scott C. Harris	7398-0010

CONFIRMATION NO. 9898

11788
Stolowitz Ford Cowger LLP / ptomail
621 SW Morrison Street
Suite 600
Portland, OR 97205

POA ACCEPTANCE LETTER

OC000000047502836

Date Mailed: 05/10/2011

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/26/2011.

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.

/mnguyen/

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

PTO/SB/80 (01-06)
Approved for use through 12/31/2008. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

[X] Practitioners associated with the Customer Number: 73552

OR

[ ] Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

[X] The address associated with Customer Number: 11788

OR

[ ] Firm or Individual Name			
Address			
City		State	Zip
Country			
Telephone		Email	

Assignee Name and Address: Platt Technology Investments LLC
160 Greentree Drive, Suite 101
Dover, DE 19904

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	Dottie Smith	Date	4-21-2011
Name	Dottie Smith	Telephone	
Title	Authorized Person for Platt Technology Investments LLC		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

DECLARATION REGARDING AUTHORITY TO SIGN ON BEHALF OF A LEGAL ENTITY
(37 C.F.R. 3.73(b)(2)(i))

I, Dottie Smith (whose title is supplied below), hereby declare that I am authorized to sign on behalf of Platt Technology Investments LLC.

Dottie Smith

Dottie Smith
Authorized Person for Platt Technology Investments LLC

4.21.2011

Date

RECEIVED
CENTRAL FAX CENTER

APR 2 6 2011

PATENT APPLICATION
Docket No. 7398-0010

STATEMENT UNDER 37 CFR 3.73 (b)

Application No.: 12/014,093 Confirmation No.: 9898

Filing Date: 02/14/2008

Title: METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS

PLATT TECHNOLOGY INVESTMENTS LLC, whose principal place of business is located at 160 Greentree Drive, Suite 101, Dover, DE 19904, states that it is:

1. ☒ the assignee of the entire right, title and interest; or

2. ☐ an assignee of less than the entire right, title and interest
The extent (by percentage) of its ownership is _____%

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Inventor To: Virginia Innovative Technology, LLC .
The document was recorded in the Patent and Trademark Office at
Reel 026012, Frame 0357.

2. From: Virginia Innovative Technology, LLC To: Platt Technology Investments LLC .
The document was recorded in the Patent and Trademark Office at
Reel 026128, Frame 0396.

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: April 25, 2011 Signature /Stephen S. Ford/
STEPHEN S. FORD
Reg. No. 35,139
Attorney for Assignee

FAX
TRANSMISSION

RECEIVED
CENTRAL FAX CENTER
APR 26 2011

To: 15712738300

From: Heather Kulin

ATTN: Commissioner for Patents re 12/014,093 (7398-0010)

Message: Please record the attached Power of Attorney at your earliest convenience.

Heather Kulin
Legal Assistant

STOLOWITZ FORD COWGER LLP
American Bank Building Suite 600
621 SW Morrison Street
Portland, OR 97205
e. heather@stofoco.com
o. 503.224.2170 ext 215
f. 503.224.2084

CONFIDENTIAL AND ATTORNEY-CLIENT PRIVILEGED

STOLOWITZ FORD COWGER LLP
Stolowitz Ford Cowger, LLP
621 SW Morrison, Suite 600, Portland, OR 97205
Tel: 503-224-2170 Fax: 503-224-2084
Website: www.stofoco.com

CONFIDENTIAL AND PRIVILEGED INFORMATION

This facsimile transmission contains confidential attorney/client privileged information and is for use by the intended recipient only. Distribution or any other use of this transmission by anyone other than the intended recipient is prohibited. If you receive this transmission in error, please notify the sender immediately.

PAGE 1/5 * RCVD AT 4/26/2011 5:03:55 PM [Eastern Daylight Time] * SVR:W-PTOFAX-001/14 * DNIS:2738300 * CSID: * DURATION (mm-ss):03-29

RECEIVED
CENTRAL FAX CENTER
APR 26 2011

PATENT APPLICATION
Docket No. 7398-0010

STATEMENT UNDER 37 CFR 3.73 (b)

Application No.:	12/014,093	Confirmation No.:	9898
Filing Date:	02/14/2008		
Title:	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS		
Date:	April 25, 2011		

COMMISSIONER FOR PATENTS
VIA FAX 571-273-8300

TOTAL PAGES (including this cover sheet): 4

Attached are:

☒ Power of Attorney to Prosecute Applications Before the PTO
☒ Declaration Regarding Authority to Sign on Behalf of a Legal Entity
☒ Statement Under 37 CFR 3.73b

Respectfully submitted,

STOLOWITZ FORD COWGER LLP

/Stephen S. Ford/
STEPHEN S. FORD
Reg. No. 35,139

STOLOWITZ FORD COWGER LLP
621 SW Morrison Street, Suite 600
Portland, Oregon 97205
Customer No. 73552

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	GPS-CPDC5	9898

23844 7590 03/31/2011

SCOTT C HARRIS
Law Office of Scott C Harris, Inc
P O BOX 1389
Rancho Santa Fe, CA 92067-1389

EXAMINER	
HERRERA, DIEGO D	
ART UNIT	PAPER NUMBER
2617	

NOTIFICATION DATE	DELIVERY MODE
03/31/2011	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

scott@harrises.com
schuspto@gmail.com

Office Action Summary	Application No.	Applicant(s)	
	12/014,093	HARRIS, SCOTT C.	
	Examiner	Art Unit	
	DIEGO HERRERA	2617	

-- 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 3 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 *1/05/2011*.

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) *1-32 and 34-36* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-32 and 34-36* 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 _____ 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: _____.

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 01/05/2011 was filed. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Response to Amendment

Claim 33 has been cancelled.

Claims 1, 4-5, 7-12, 14, 16-18, 20-21, 25, 28, 31, and 35-36 have been amended.

Response to Arguments

Applicant's arguments with respect to claims 1-32, and 34-36 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

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

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

The factual inquiries set forth in *Graham* v. *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-32, and 34-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bloebaum et al. (US 6204808 B1), and in view of DeLorme et al. (US 6321158 B1).

Regarding claim 1. A method of providing navigation information using a cellular telephone, comprising:

- providing a location detection part in said cellular telephone to determine information about a current location of said cellular telephone (col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware);
- providing a communication part in said cellular telephone to allow communication of cellular telephone calls over a cellular network (col. 9 lines: 10-21, Bloebaum et al. teaches cellular telephone that communicates in cellular network);
- controlling said communication part in said cellular telephone to communicate with a remote server over said cellular network (col. 7 lines: 7-16, Bloebaum et al. teaches HLR/VLR and other architectures that control communication between cellular network and cellular telephone), and
- to send at least information representing the current location of said cellular telephone to said remote server (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- including first information from said location detection part (col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware) and
- at least second information from a source other than from said location detection part (col. 9 lines: 38-52, Bloebaum et al. teaches Mobile location center or MLC

which communicates to the assisted information of navigation matter to the mobile terminal or GPS-MS as explained in col. 10 lines: 6-16); and

- receiving navigation information from said remote server in said cellular telephone based on said item of information sent to said remote server (col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone);
- However, Bloebaum et al. is silent wherein said navigation information is displayed on said cellular telephone; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 11. A method, comprising:

- receiving, in a server, position information from a cellular telephone (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),

- said position information including a plurality of items of information that are indicative of a local position of said cellular telephone (col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware);
- said plurality of items including include at least GPS information and information about at least one item other than GPS information (col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware);
- using a database associated with said server to determine local position information about said local position (col. 11 lines: 18-40, Bloebaum et al. teaches receiving information from HLR/VLR, MSC DGPS, MLC, and BTS to mobile terminal or cellular telephone); and
- However, Bloebaum et al. is silent about returning map information from said server to said cellular telephone, based on said plurality of items; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes

of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 18. A method comprising:

- providing a cellular telephone having a processor, a location detection part, a display (col. 9 lines: 25-30, Bloebaum et al. teaches processor, GPS receiver, and display), and
- a communication part, wherein, said cellular telephone acquires a plurality of items of information representing its current location, including at least GPS information from said location detection part (col. 9 lines: 29-37, 38-52, 55-63, Bloebaum et al. teaches communication part with GPS communication information and wireless network information), and
- also information about at least one item other than GPS information (col. 1 lines: 34-39; Bloebaum et al. teaches including position, velocity, and time of a receiving unit), and
- wherein said communication part communicates said plurality of items of information to a remote server (col. 9 lines: 38-52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal),
- receiving, from, said remote server, current position information in said cellular telephone based on said plurality of items of information (col. 9 lines: 38-52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal), and

- However, Bloebaum et al. is silent about displaying, on said cellular telephone, information relating to said current position; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 20. A system, comprising:

- a computer part, receiving a wireless communication from a cellular telephone over a cellular telephone network, at a location that is remote from a first location of said cellular telephone (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- said communication including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information about said first location (col. 9 lines: 38-52, Bloebaum et

al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal);

- said computer part looking up information from a database about said first location based on said plurality of items of information (col. 9 lines: 38-52, Bloebaum et al. teaches receiving said information for purposes of correcting and efficiently determining position and location of mobile terminal), and
- returning information indicative of said local position over the cellular telephone network (col. 9 lines: 10-21, Bloebaum et al. teaches cellular telephone that communicates in cellular network),
- However, Bloebaum et al. is silent about said information including at least mapping information about said first location, from said database based on all of said plurality of items of information; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 28. A server in communication with at least one cellular telephone (),

- said server receiving GPS data indicative of said cellular telephone's current location (col. 9 lines: 38-63, Bloebaum et al. teaches cellular telephone with location information about current location via GPS hardware), and
- However, Bloebaum et al. is silent about also receiving non-GPS information from said cellular telephone relating to said current location; nonetheless, DeLorme et al. teaches receiving other information from cellular telephone relating to said current location (col. 4 lines: 34-56, DeLorme et al. teaches displaying information about the location the mobile device is located in). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).
- However, Bloebaum et al. is silent about said server further sending mapping data to said cellular telephone of a type wherein said cellular telephone can display said mapping data on a display; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as

taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 29. A system comprising a cellular telephone network

- with at least one server in communication with at least one cellular telephone via said cellular network (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware),
- said server able to receive data from said cellular telephone relating to said cellular telephone's current position (col. 9 lines: 53-63, Bloebaum et al. teaches network elements associated with current position of mobile device and its' position),
- said server providing data from a database to said cellular telephone concerning said current position for display on said cellular telephone (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware). However, Bloebaum et al. is silent about displaying, on said cellular telephone, information relating to said current position; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other

parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 31. A method of providing navigational information to a cellular telephone comprising the steps of:

- providing a cellular telephone to a user, said cellular telephone having a housing, a display, a transceiver, an antenna and circuits for at least partially determining said cellular telephone's location (col. 9 lines: 10-30, Bloebaum et al. teaches processor, GPS receiver, first antenna, and display relating to information about cellular telephone or cell phone's location);
- providing a navigation server with a navigation database adapted to communicate via a cellular telephone network with said cellular telephone (col. 9 lines: 38-63, Bloebaum et al. teaches databases related to location and other position information);
- receiving information from said cellular telephone relating to said cellular telephone's location (col. 9 lines: 64-col. 10 lines: 16, Bloebaum et al. teaches sending information from mobile device to network about location),
- said information including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information(col. 9 lines: 38-52, Bloebaum et al. teaches receiving said

information for purposes of correcting and efficiently determining position and location of mobile terminal);

- However, Bloebaum et al. is silent about retrieving data from said navigation database related an area around said cellular telephone's location; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).
- However, Bloebaum et al. is silent about providing instructions to said user on how to use said cellular telephone for navigation; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for

travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

- However, Bloebaum et al. is silent about sending said data from said navigation server to said cellular telephone for display on said cellular telephone; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Regarding claim 33. A method of providing navigational information to a cellular telephone user comprising:

- providing said user with a cellular telephone (title, abstract, col. 9 lines: 9-15; Bloebaum et al. teaches about cellular telephone);
- determining a location of said cellular telephone based on data transmitted from said cellular telephone over a cellular telephone network accessing information related to said location from a database (col. 9, Bloebaum et al. teaches various methods and protocols relating to the mobile device location and the architecture

of the network providing GPS assisted information and translation into the format required by the GPS-MS);

- transmitting said information to said cellular telephone (col. 9 lines: 9-37, Bloebaum et al. teaches information transmitted from network to mobile telephone).
- However, Bloebaum et al. is silent about instructing said user on using said cellular telephone for navigation; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Consider claim 36. A method of providing navigational information to a cellular telephone user comprising:

- Providing said user with a cellular telephone (title, abstract, col. 9 lines: 9-15; Bloebaum et al. teaches about cellular telephone);
- Determining a location of said cellular telephone based on data transmitted from said cellular telephone over a cellular telephone network (abstract, col. 9 lines:

38-52, col. 9-25; Bloebaum et al. teaches GPS information related to Mobile device and network assisted GPS positioning information);

- Accessing information related to said location from a database (col. 9 lines: 48-52, Bloebaum et al. teaches getting information and having MLC center have DGPS and ephemeris which are obtained from databases and associated with received information);
- Transmitting said information to said cellular telephone (col. 9 lines: 64-col.10 lines: 13, Bloebaum et al. teaches transmitting information between MLC and GPS-MS); and
- Determining whether said cellular telephone is in motion based on data transmitted from said cellular telephone over a cellular telephone network (col. 9 lines: 38-63, Bloebaum et al. teaches MLC and GPS assisted information about the mobile station).
- However, Bloebaum et al. is silent about Instructing said user on using said cellular telephone for navigation; nonetheless, DeLorme et al. teaches displaying navigation GPS position information on portable device and routing information displayed on map graphics (abstract, col. 4 lines: 34-56, DeLorme et al. teaches displaying GPS position of portable terminal and routing information and other parameters on portable device). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include location and other parameters regarding mobile terminal position, as taught by DeLorme et al. for the purposes of using such method for travel planning, travel

guidance, and recording travel locations and paths during business or recreational use (col. 1 lines: 23-25).

Consider claim 2. A method as in claim 1, further comprising sending information to said cellular telephone centered around said current location (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 3. A method as in claim 1, wherein said item of information includes at least GPS information (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device).

Consider claim 4. A method as in claim 1, wherein said second information includes information about at least one base station which is communicating with said cellular telephone (abstract, col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 5. A method as in claim 1, wherein said second information includes at least information from a local transponder (col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 6. A method as in claim 1, wherein said navigation information from said remote server indicates information about direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, direction information included for the mobile device).

Consider claim 7. A method as in claim 1, wherein said navigation information from said remote server includes a subset of information based on a direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device) and where said subset of information is a first subset of information for a first direction of travel and is a second subset of information for a second direction of travel, and where said second direction is different than said first direction, and said second subset includes different information than said first subset (abstract, col. 5 lines: 55-col. 6 lines: 49; DeLorme et al. teaches different location and POI's and travel planning to different destinations).

Consider claim 8. A method as in claim 1, wherein said navigation information from said remote server includes additional information about an area around said current position (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device).

Consider claim 9. A method as in claim 1, wherein said navigation information from said remote server includes first mapping information at a first time centered around a first local position, and second mapping information at a second time centered around a second location different than the first local position (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information).

Consider claim 10. A method as in claim 1, wherein said navigation information from said remote server includes a subset of information based on a direction of travel and includes a different subset of information for a first direction of travel than a subset that would exist for a second direction of travel (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 12. A method as in claim 11, further comprising receiving new information in said server indicating a new position of said cellular telephone, and returning new map information from said server to said cellular telephone responsive to receiving said new information (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information, see rejection of claim 11 related to cellular telephone and server component).

Consider claim 13. A method as in claim 11, further comprising finding, in said database, additional information beyond mapping information, about an area around said local position, and returning said additional information to said cellular telephone (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 14. A method as in claim 11, wherein said returning comprises returning first mapping information at a first time centered around a first local position, and returning second mapping information at a second time, centered around a second location, different than the first local position (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 15. A method as in claim 11, wherein said map information is centered around said current location (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 16. A method as in claim 11, wherein said information about at least one item other than GPS information includes information about at least one base station which is communicating with said cellular telephone (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location. col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 17. A method as in claim 11, wherein information about at least one item other than GPS information includes at least information from a local transponder

(col. 4 lines: 34-56, DeLorme et al. teaches displaying information about the location the mobile device is located in).

Consider claim 19. The system as in claim 18 wherein said cellular telephone includes a camera (fig. 1A3, DeLorme et al. shows that the mobile device has ability to have a digital camera).

Consider claim 21. A system as in claim 20, wherein said computer part receives new information in said computer part indicating a new position of said cellular telephone, and returns new mapping information from said computer part over said cellular telephone network to said cellular telephone responsive to receiving said new information (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 22. A system as in claim 20, wherein said computer part finds, in said database, additional information beyond mapping information, about an area around said local position and returns said additional information over said cellular network (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 23. A system as in claim 20, wherein said computer part returns a first batch of mapping information at a first time centered around a first local position, and returns a second batch of mapping information at a second time centered around a second location different than the first location (col. 8 lines: 12-27, col. 63 lines: 11-25,

DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 24. A system as in claim 20, wherein said computer part returns said mapping information centered around said current location (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 25. A system as in claim 20, wherein said computer part receives information about at least one base station which is communicating with said cellular telephone as said at least one item (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 26. A system as in claim 20, wherein said computer part obtains and returns a subset of information based on a direction of travel (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 27. A system as in claim 20, wherein said computer part receives information about said first location that includes information about at least one base station which is communicating with said cellular telephone as at least one of said items of information (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes

information according to position and location trading information. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Consider claim 30. The system as in claim 29, wherein said server further provides information from said database about an area around said current position (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 32. The method of claim 31 wherein said data is map data (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 34. The method of claim 36 wherein said information is map data (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 35. The method of claim 36 wherein said information relates to an area near said cellular telephone (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device. col. 6 lines: 63—col. 7 lines: 28, Bloebaum et al. teaches having location information about cellular telephone on said HLR/VLR hardware).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEGO HERRERA whose telephone number is (571)272-0907. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Diego Herrera/
Examiner, Art Unit 2617

/LESTER KINCAID/
Supervisory Patent Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 12/014,093	Applicant(s)/Patent Under Reexamination HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,374,179	04-2002	Smith et al.	701/207
*	B	US-6,757,545	06-2004	Nowak et al.	455/456.2
*	C	US-7,460,066	12-2008	Ikeda, Masayuki	342/357.43
*	D	US-6,204,808	03-2001	Bloebaum et al.	342/357.42
*	E	US-6,107,960	08-2000	Krasner, Norman F.	342/357.59
*	F	US-4,445,118	04-1984	Taylor et al.	342/357.395
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

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

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

SEARCHED			
Class	Subclass	Date	Examiner
455	456.3	9/21/2010	dh

SEARCH NOTES		
Search Notes	Date	Examiner
plus search, east text search, fwd and rev. search, ids checked.	9/23/2010	dh
plus search, east text search, fwd and rev. search. ids checked. and change prior art due to amendments.	3/9/2011	dh

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

/DIEGO HERRERA/ Examiner.Art Unit 2617	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010	03/09/2011							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							
	8	✓	✓							
	9	✓	✓							
	10	✓	✓							
	11	✓	✓							
	12	✓	✓							
	13	✓	✓							
	14	✓	✓							
	15	✓	✓							
	16	✓	✓							
	17	✓	✓							
	18	✓	✓							
	19	✓	✓							
	20	✓	✓							
	21	✓	✓							
	22	✓	✓							
	23	✓	✓							
	24	✓	✓							
	25	✓	✓							
	26	✓	✓							
	27	✓	✓							
	28	✓	✓							
	29	✓	✓							
	30	✓	✓							
	31	✓	✓							
	32	✓	✓							
	33	✓	-							
	34	✓	✓							
	35	✓	✓							
	36	✓	✓							

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(("6437735") or ("6226589") or ("5969678") or ("20050144049") or ("20010026240")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/09/23 04:15
		cellular near2 phone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 04:11
		cellular near2 phone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 04:11
L2	7	(US-7013150-$ or US-6700534-$ or US-6453237-$ or US-6437735-$ or US-6429812-$ or US-6321158-$ or US-6107960-$).did.	USPAT	OR	ON	2011/03/10 23:58
L3	5	l2 and cellular	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/10 23:58
L4	2	l3 and (cellular near3 network)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:36
L5	2	l2 and (cellular near3 network)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:37

L6	50	("5801527" "5978107" "5883632" "6128022" "6160644" "6181445" "4351268" "4380213" "4386844" "5510910" "5798966" "5978860" "6069982" "6169762" "4246600" "4583055" "4593458" "4859633" "4991002" "5250461" "5250837" "5457785" "5479536" "5495544" "5517040" "5561377" "5570002" "5572632" "5583666" "5604843" "5610925" "5613951" "5655269" "5724449" "5748176" "5775825" "5777811" "5806897" "5841304" "5841992" "5900759" "5943577" "6008907" "6043519" "6063655" "6072901" "6088038" "6111268" "6130544" "6137495").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 00:39
L7	3	(("6204808") or ("5699255") or ("6525768")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2011/03/11 01:06
L8	71	("4445118" | "5418538" | "5420592" | "5663734" | "5663735" | "5841396" | "5983161").PN. OR ("6204808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 01:07
L9	28	l8 and (cellular near3 (network or phones))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/03/11 01:18
L10	4	("20020107636" | "6191731" | "6204808" | "6417801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 01:27
S1	1	("6321158").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/09/23 04:35

S2	26	("20010026240" | "20020070890" | "20020138650" | "20050144049" | "5222245" | "5301368" | "5726660" | "5731785" | "5751373" | "5940753" | "5969678" | "6049718" | "6069760" | "6085090" | "6107960" | "6222484" | "6226589" | "6321158" | "6414635" | "6429812" | "6437735" | "6453237" | "6697731" | "6700534" | "6812888" | "7013150").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 06:07
S3	15	("5564079" | "6070083" | "6084547" | "6108555" | "6442392" | "6662016" | "6681099").PN. OR ("7013150").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:08
S4	38	("20030012265" | "20030063595" | "20040062214" | "20040114623" | "20040209580" | "20040252665" | "20040259571" | "20050163075" | "20050228854" | "20050286536" | "20060007919" | "5805633" | "5901182" | "5931964" | "5973643" | "6016322" | "6035207" | "6154507" | "6285876" | "6356911" | "6381726" | "6442392" | "6490327" | "6546256" | "6560462" | "6621807" | "6631142" | "6717947" | "6757544" | "6788750" | "6904110" | "6915123" | "6920125" | "6978124" | "6987798" | "7013150" | "7068638" | "7139283").PN. OR ("7697573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:09

EAST Search History (Interference)

< This search history is empty>

3/ 11/ 2011 1:39:14 AM
C:\ Documents and Settings\ dherrera\ My Documents\ EAST\ Workspaces\ 014093_12.wsp

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Scott C. Harris
Art Unit	2617
Examiner Name	Diego D. Herrera
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6204808		2001-03-20	Bloebaum	
	2	5699255				
	3	6525768				

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

EFS Web 2.1.17

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Scott C. Harris
	Art Unit	2617
	Examiner Name	Diego D. Herrera
	Attorney Docket Number	GPS-CPDC5

If you wish to add additional Foreign Patent Document citation information please click the Add button			Add
NON-PATENT LITERATURE DOCUMENTS			Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		☐
If you wish to add additional non-patent literature document citation information please click the Add button			Add

EXAMINER SIGNATURE			
Examiner Signature	/Diego Herrera/	Date Considered	03/10/2011

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

PLUS Search Results for S/N 12014093, Searched Wed Feb 16 10:36:00 EST 2011

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.

5801527 99
5978107 94
5883632 88
6128022 88
6160644 83
6181445 83
4351268 77
4380213 77
4386844 77
5510910 77
5798966 77
5978860 77
6069982 77
6169762 77
4246600 72
4583055 72
4593458 72
4859633 72
4991002 72
5250461 72
5250837 72
5457785 72
5479536 72
5495544 72
5517040 72
5561377 72
5570002 72
5572632 72
5583666 72
5604843 72
5610925 72
5613951 72
5655269 72
5724449 72
5748176 72
5775825 72
5777811 72
5806897 72
5841304 72
5841992 72
5900759 72
5943577 72
6008907 72
6043519 72
6063655 72
6072901 72
6088038 72
6111268 72
6130544 72
6137495 72

ATTORNEY DOCKET NO. GPS-CPD5/SCH
Serial No.: 12/014,093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Scott C. Harris	Group Art Unit 2617
Appl. No.	:	12/014,093	Confirmation No. 9898
Filed	:	January 14, 2008	
For	:	Method, and System for Mobile Device Selectively Reporting of GPS Position Information to Others (As Amended)	
Examiner	:	D. D. Herrera	

AMENDMENT (After non-final rejection)

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

Dear Sir:

In response to the Official Action dated October 5, 2010, kindly amend the above referenced application as follows:

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

Amendments to the claims begin on page 3 of this paper.

Applicant Remarks begin on page 13 of this paper.

AMENDMENTS TO THE TITLE:

Please amend the title to read --Method and System for Mobile Device Selectively Reporting of GPS Position Information to Others--.

AMENDMENTS TO THE CLAIMS

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

1. (Currently Amended) A method of providing navigation information using a cellular telephone, comprising:

providing a location detection part in said cellular telephone to determine information about a current location of said cellular telephone;

providing a communication part in said cellular telephone to allow communication of cellular telephone calls over a cellular network;

~~allowing~~ controlling said communication part in said cellular telephone to communicate with a remote server over said cellular network, and to send at least ~~at least one item of~~ information representing the current location of said cellular telephone to said remote server, including first information from said location detection part and at least second information from a source other than from said location detection part; and

~~sending~~ receiving navigation information from said remote server ~~to~~ in said cellular telephone based on said item of information sent to said remote server; wherein said navigation information is displayed on said cellular telephone.

2. (Original) A method as in claim 1, further comprising sending information to said cellular telephone centered around said current location.

3. (Original) A method as in claim 1, wherein said item of information includes at least GPS information.

4. (Currently Amended) A method as in claim 1, wherein said ~~item of~~ second information includes information about at least one base station which is communicating with said cellular telephone.

5. (Currently Amended) A method as in claim 1, wherein said ~~item of~~ second information includes at least information from a local transponder.

6. (Original) A method as in claim 1, wherein said navigation information from said remote server indicates information about direction of travel.

7. (Currently Amended) A method as in claim 1, wherein said navigation information from said remote server includes a subset of information based on a direction of travel and where said subset of information is a first subset of

information for a first direction of travel and is a second subset of information for a second direction of travel, and where said second direction is different than said first direction, and said second subset includes different information than said first subset.

8. (Currently Amended) A method as in claim 1, wherein said navigation information from said remote server includes additional information about an area around said ~~local position~~ current location.

9. (Currently Amended) A method as in claim 1, wherein said navigation information from said remote server includes first mapping information at a first time centered around a first local position, and second mapping information at a second time centered around a second location different than the first local position ~~location~~.

10. (Currently Amended) A method as in claim 1, wherein said ~~map~~ navigation information from said remote server includes a subset of information based on a direction of travel and includes a different subset of information for a first direction of travel than a subset that would exist for a second direction of travel.

11. (Currently Amended) A method, comprising:

receiving, in a server, position information from a cellular telephone, said position information including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information;

using a database associated with said server to determine local position information about said local position; and

returning map information from said server to said cellular telephone, based on said ~~local position information~~ plurality of items.

12. (Currently Amended) A method as in claim 11, further comprising receiving new information in said server indicating a new position of said cellular telephone, and returning new map information from said server to said cellular telephone responsive to receiving said new ~~position~~ information.

13. (Original) A method as in claim 11, further comprising finding, in said database, additional information beyond mapping information, about an area

around said local position, and returning said additional information to said cellular telephone.

14. (Currently Amended) A method as in claim 11, wherein said returning comprises returning first mapping information at a first time centered around a first local position, and returning second mapping information at a second time, centered around a second location, different than the first ~~location~~ local position.

15. (Original) A method as in claim 11, wherein said map information is centered around said current location.

16. (Currently Amended) A method as in claim 11, wherein said ~~plurality of items of~~ information ~~include at least~~ about at least one item other than GPS information ~~and~~ includes information about at least one base station which is communicating with said cellular telephone.

17. (Currently Amended) A method as in claim 11, wherein said information about at least one item other than GPS information includes ~~plurality of items of information include~~ at least information from a local transponder.

18. (Currently Amended) A method comprising:

providing a cellular telephone having a processor, a location detection part, a display, and a communication part, wherein, said cellular telephone acquires a plurality of items of information representing its current location, including at least GPS information -from said location detection part and also information about at least one item other than GPS information, and wherein said communication part communicates said plurality of items of information to a remote server, ~~and~~

receiving, from ~~wherein,~~ said remote server, ~~sends~~ current position information ~~to~~ in said cellular telephone based on said plurality of items of information, and

displaying, on ~~wherein~~ said cellular telephone, ~~displays~~ information relating to ~~its~~ said current position.

19. (Original) The system as in claim 18 wherein said cellular telephone includes a camera.

20. (Currently Amended) A system, comprising:

a computer part, receiving a wireless communication from a cellular telephone over a cellular telephone network, at a location that is remote from a

first location of said cellular telephone, said communication including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information ~~information representing information~~ about said first location;

said computer part looking up information from a database about said first location based on said ~~communication~~plurality of items of information, and returning information indicative of said ~~current location~~ local position over the cellular telephone network, said information including at least mapping information about said first location, from said database based on all of said plurality of items of information.

21. (Currently Amended) A system as in claim 20, wherein said computer part receives new information in said ~~server~~ computer part indicating a new position of said cellular telephone, and returns new mapping information from said ~~server~~ computer part over said cellular telephone network to said cellular telephone responsive to receiving said new ~~position~~ information.

22. (Original) A system as in claim 20, wherein said computer part finds, in said database, additional information beyond mapping information, about an area

around said local position and returns said additional information over said cellular network.

23. (Original) A system as in claim 20, wherein said computer part returns a first batch of mapping information at a first time centered around a first local position, and returns a second batch of mapping information at a second time centered around a second location different than the first location.

24. (Original) A system as in claim 20, wherein said computer part returns said mapping information centered around said current location.

25. (Currently Amended) A system as in claim 20, wherein said computer part receives ~~information about said first location that includes at least GPS information and~~ information about at least one base station which is communicating with said cellular telephone as said at least one item.

26. (Original) A system as in claim 20, wherein said computer part obtains and returns a subset of information based on a direction of travel.

27. (Original) A system as in claim 20, wherein said computer part receives information about said first location that includes information about at least one base station which is communicating with said cellular telephone as at least one of said items of information.

28. (Currently Amended) A server in communication with at least one cellular telephone, said ~~cellular telephone~~ server receiving GPS data indicative of said cellular telephone's current location, and also receiving non-GPS information from ~~said server able to receive data from~~ said cellular telephone relating to said current location, said server further sending mapping data to said cellular telephone of a type wherein said cellular telephone can display said mapping data on a display.

29. (Original) A system comprising a cellular telephone network with at least one server in communication with at least one cellular telephone via said cellular network, said server able to receive data from said cellular telephone relating to said cellular telephone's current position, said server providing data from a database to said cellular telephone concerning said current position for display on said cellular telephone.

30. (Original) The system as in claim 29, wherein said server further provides information from said database about an area around said current position.

31. (Currently Amended) A method of providing navigational information to a cellular telephone comprising the steps of:

providing a cellular telephone to a user, said cellular telephone having a housing, a display, a transceiver, an antenna and circuits for at least partially determining said cellular telephone's location;

providing instructions to said user on how to use said cellular telephone for navigation;

providing a navigation server with a navigation database adapted to communicate via a cellular telephone network with said cellular telephone;

receiving information from said cellular telephone relating to said cellular telephone's location, said information including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information;

retrieving data from said navigation database related an area around said cellular telephone's location; and

sending said data from said navigation server to said cellular telephone for display on said cellular telephone.

32. (Original) The method of claim 31 wherein said data is map data.

33. (cancelled).

34. (Currently Amended) The method of claim ~~33~~ 36 wherein said information is map data.

35. (Currently Amended) The method of claim ~~33~~ 36 wherein said information relates to an area near said cellular telephone.

36. (Currently Amended) ~~The method of claim 33 further comprising~~ A method of providing navigational information to a cellular telephone user comprising:

providing said user with a cellular telephone;

instructing said user on using said cellular telephone for navigation;

determining a location of said cellular telephone based on data transmitted from said cellular telephone over a cellular telephone network;

accessing information related to said location from a database;

transmitting said information to said cellular telephone; and

determining whether said cellular telephone is in motion based on data transmitted from said cellular telephone over a cellular telephone network.

Remarks

Reconsideration and allowance of the above referenced application are respectfully requested.

The title of the invention is objected to. The title has been amended as suggested by the Examiner.

Claims 1-36 stand rejected to under 35 USC 102(b) as being anticipated by DeLorme et al. (US 6,321,158).

This contention is respectfully traversed for many of the claims including claim 1. Specifically, claim 1 defines providing a location detection part in a cellular phone that determines a current location of the cellular phone, and that also controls a communication part to allow communication of "cellular telephone calls over a cellular network". DeLorme does not disclose using a cellular phone to determine its current location and also to communicate cellular telephone calls.

In fact, the device shown in DeLorme is a handheld PDA. This device has a computing function, but does not operate as a cell phone "to communicate cellular telephone calls", as claimed. See figure 1A1 that shows this PDA. Figure 1A2 and 183 also shows a PDA, as element number 15. The description in the specification beginning at column 13 lines 33 describes this being is a portable platform with

GPS. In fact, there is no description of this being a cellular telephone at all, and the description of the device itself is that of being a PalmPilot: not a cellular telephone.

Moreover, this PalmPilot is not described as allowing "communication of cellular telephone calls over a cellular network". In fact, the PalmPilot only sends data, not "cellular telephone calls". The rejection states that

"Delorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device); providing a communication part in said cellular telephone to allow communication of cellular telephone calls over a cellular network (fig. 1A2-3, col. 8 lines: 28-52, Delorme et al. teaches communication wirelessly of data information, hence, communicating over wireless network);",

However, this quoted section refers to data only, and has no description of " communication of cellular telephone calls over a cellular network " as claimed. In fact, the description of carrying cellular calls in this way comes from the present specification, not from the prior art at all.

Claim 1 defines a special advantage where a communication part in a cellular phone is used to communicate with a remote server. As explained above, this is not shown by DeLorme.

In addition, claim 1 has been amended to recite that more than one item of information is sent: at least information representing the current location

"including first information from said location detection part and at least second information from a source other than from said location detection part ". DeLorme never contemplates any information other than the GPS information, since that is the only navigation information used by DeLorme's Palm Pilot. DeLorme certainly does not contemplate sending these first and second items of information to the remote server, as claimed. By sending first and second items of information, a more robust set of information can be sent and received in this way. This is not disclosed by DeLorme and should be allowable thereover.

Claim 1 should hence be allowable along with the claims that depend therefrom.

Claim 5, for example, defines that the second information is information from a local transponder. There is no such information shown in the DeLorme prior art. The patent office draws attention to lines 1-15 of Column 37 of DeLorme, however this describes sending a multimedia presentation about the user's favorite resorts, associated with points of interest along the travel path 269. This multimedia presentation about a user's favorite resort does not suggest receiving the information "from a local transponder" in DeLorme as information that is communicated to a central server as part of the location detection information.

Claim 6 defines that the information from the remote server indicates information about a direction of travel. DeLorme shows a direction of travel, however this direction of travel is locally computed from the GPS device. There is no description in DeLorme that the "navigation information from said remote server indicates information about direction of travel" (emphasis added) in DeLorme. The cited section shows the direction of travel being shown on the PalmPilot device, however the PalmPilot devices calculating this information, and there is no disclosure that the remote server indicates this information as claimed.

Claim 7 has been amended to obviate the interpretation that a single subset of information would meet the limitations, by defining the different subsets of information are received for different directions of travel. Specifically, claim 7 has been amended to define “wherein said navigation information from said remote server includes a subset of information based on a direction of travel and where said subset of information is a first subset of information for a first direction of travel and is a second subset of information for a second direction of travel, and where said second direction is different than said first direction, and said second subset includes different information than said first subset”.

There is no disclosure in DeLorme that information from a remote server can include different subsets of information directing based on the direction of travel, as claimed. Claim 7 should hence be additionally allowable.

Claim 10 should be allowable for analogous reasons.

Claim 11 defines receiving an a server information from a cellular telephone. As described above, nothing in DeLorme describes receiving information from a cellular telephone.

In addition, claim 11 has been amended to include part of the information from previously in claim 16, and are similar to those discussed above with respect to claim 1. Specifically, claim 11 as amended defines that the information that is received is includes at least GPS information and information about at least one item other than GPS information. As described above, this is not shown or otherwise suggested by the cited prior art.

In rejecting claim 16, the patent office states "and information about at least one base station which is communicating with said cellular telephone (fig. 1A2-3, col. 5 lines: 10-25, Delorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device. col. 37 lines: 1-15,".

However, as described above, nothing in DeLorme teaches anything about a cellular phone, and having a point of interest along the route does not teach determining information that is based on the plurality of items as claimed. Therefore, claim 11 should be allowable for these reasons.

Claim 17 should be additionally allowable, as it defines receiving information from a local transponder, which is not disclosed anywhere in DeLorme. The rejection of claim 17 indicated that "Delorme et al. teaches nodes that computes information according to position and location).", However with all respect this is not correct, and in fact DeLorme computes its information based on a GPS device. The GPS device receives mapping information, but not "information from a local transponder". Column 37 of DeLorme describes a multimedia descriptions of resort points of interest, there is no disclosure of the subject matter claimed in claim 17.

Claim 18 defines a cellular phone with a location detection part that acquires a plurality of items of information representing its current location and communicates those to a remote server. As described above, this is not shown by DeLorme. In addition, claim 18 has been amended to recite that the cellular phone receives a "plurality of items of information representing its current location, including said at least GPS information from said location detection part and information about at least one item other than GPS information, and wherein said communication part communicates said plurality of items of information to a remote server". As described above, nothing in DeLorme teaches this claimed plurality of items. Therefore, claim 18 should be allowable along with claim 19 that depend there from.

Claim 20 defines receiving a wireless communication from a cellular telephone, and this is not shown by DeLorme as described above. Claim 20 is also amended to recite that the communication includes communication including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information about said first location. As described above, nothing in DeLorme shows a server receiving this kind of information and using this to return information about the current location. DeLorme shows the use of GPS only and does not show this plurality of items of information. Therefore, claim 20 should be allowable thereover, along with the dependent claims which depend therefrom.

Claim 28 defines "server receiving GPS data indicative of said cellular telephone's current location, and also receiving non-GPS information from said cellular telephone relating to said current location, said server further sending mapping data to said cellular telephone of a type wherein said cellular telephone can display said mapping data on a display". As described above, DeLorme does not disclose this, and hence claim 28 should be allowable.

Claim 29 defines "a cellular telephone network with at least one server in communication with at least one cellular telephone … said server able to receive data from said cellular telephone relating to said cellular telephone's current

position, said server providing data from a database to said cellular telephone concerning said current position for display on said cellular telephone". As described above, this is not shown by DeLorme prior art, and should be allowable.

Claim 31 defines receiving information, "said information including a plurality of items of information that are indicative of a local position of said cellular telephone, said plurality of items including include at least GPS information and information about at least one item other than GPS information". This is not shown by DeLorme and should be allowable for similar reasons.

Finally, claim 36 has been amended into independent form, and claim 33 is canceled. Claim 36 defines a telephone which is not shown by DeLorme as described above.

In addition, claim 36 defines "determining whether said cellular telephone is in motion based on data transmitted from said cellular telephone over a cellular telephone network". This is further not shown by DeLorme. DeLorme shows mapping, but does not show determining whether the cellular telephone is in motion based on data transmitted from the cellular telephone.

In rejecting this claim, the patent office states

"fig. 1A3, Delorme et al. shows communication between mobile device and other device such a wireless network".

However, this does not show a cellular telephone and certainly does not show anything about using this information to determine whether the telephone is in motion. Therefore, claim 36 should be additionally allowable for these reasons.

The dependent claims not specifically mentioned should be allowable on their own merits.

It is believed that all of the pending claims have been addressed in this paper. However, failure to address a specific rejection, issue or comment, does not signify agreement with or concession of that rejection, issue or comment. For all of these reasons, it is respectfully suggested that all of the claims should be in condition for allowance. A formal notice of allowance is hence respectfully requested.

If the Examiner believes that communications such as a telephone interview or email would facilitate disposal of this case, the undersigned respectfully encourages the Examiner to contact the undersigned.

Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with me concerning any subject matter of this application by electronic mail (using the email address harris@schiplaw.com). I understand that a copy of these communications will be made of record in the application file.

Please charge any fees due in connection with this response, (excluding

those concurrently paid via EFS), to Deposit Account No. 50-1387.

Respectfully submitted,

Date: __1/5/2011_

__/Scott C Harris/____
Scott C. Harris
Reg. No. 32,030

Customer No. 23844
Scott C. Harris, Esq.
Law Office of Scott C. Harris, Inc.
SCHIPLAW
P.O. Box 1389
Rancho Santa Fe, CA 92067

P 619 823 7778
F 858 756 7717

E harris@schiplaw.com
www.schiplaw.com

Electronic Acknowledgement Receipt	
EFS ID:	9172787
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	23844
Filer:	Scott C. Harris
Filer Authorized By:	
Attorney Docket Number:	GPS-CPDC5
Receipt Date:	05-JAN-2011
Filing Date:	14-FEB-2008
Time Stamp:	18:12:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	GPSCPD5_Amendment_111.pdf	83718 87553fb8d3218ca225f62458c98420a56b3e4184	no	24
Warnings:					
Information:					

Total Files Size (in bytes):	83718

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.

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Scott C. Harris
Art Unit	2617
Examiner Name	Diego D. Herrera
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6204808		2001-03-20	Bloebaum	
	2	5699255				
	3	6525768				

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] ¡	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Scott C. Harris
	Art Unit	2617
	Examiner Name	Diego D. Herrera
	Attorney Docket Number	GPS-CPDC5

If you wish to add additional Foreign Patent Document citation information please click the Add button			Add
NON-PATENT LITERATURE DOCUMENTS			Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		☐
If you wish to add additional non-patent literature document citation information please click the Add button			Add

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Scott C. Harris
	Art Unit	2617
	Examiner Name	Diego D. Herrera
	Attorney Docket Number	GPS-CPDC5

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Scott C Harris/	Date (YYYY-MM-DD)	2011-01-05
Name/Print	Scott C. Harris	Registration Number	32030

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	9172821
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	23844
Filer:	Scott C. Harris
Filer Authorized By:	
Attorney Docket Number:	GPS-CPDC5
Receipt Date:	05-JAN-2011
Filing Date:	14-FEB-2008
Time Stamp:	18:14:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	GPSCPD_C5_IDS1010.pdf	612157 48f7708c29e117d0c2129c448ebc62245fe54cc7	no	4
Warnings:					
Information:					

Total Files Size (in bytes):	612157

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.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/014,093	Filing Date 02/14/2008	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
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			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	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).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	01/05/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	* 35	Minus	** 36	= 0	X $26 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 8	Minus	***8	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ 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)					
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	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))									
	☐ 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:
/REGINALD TYSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/014,093	02/14/2008	Scott C. Harris	GPS-CPDC5	9898

23844 7590 10/05/2010

SCOTT C HARRIS
Law Office of Scott C Harris, Inc
P O BOX 1389
Rancho Santa Fe, CA 92067-1389

EXAMINER	
HERRERA, DIEGO D	
ART UNIT	PAPER NUMBER
2617	

NOTIFICATION DATE	DELIVERY MODE
10/05/2010	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

scott@harrises.com
schuspto@gmail.com

Office Action Summary	Application No.	Applicant(s)	
	12/014,093	HARRIS, SCOTT C.	
	Examiner	Art Unit	
	DIEGO HERRERA	2617	

-- 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 3 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 *14 January 2008*.

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) *1-36* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-36* 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 *2/14/2008* 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: _____.

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 9/23/2008 and 05/04/2009 was filed. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: "method, and system for mobile device selectively reporting of GPS position information to others".

Claim Rejections - 35 USC § 102

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

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

Claims 1-36 are rejected under 35 U.S.C. 102(b) as being anticipated by DeLorme et al. (US 6321158 B1).

Regarding claim 1. A method of providing navigation information using a cellular telephone, comprising:

providing a location detection part in said cellular telephone to determine information about a current location of said cellular telephone (fig. 1A2-3, col. 5 lines: 10-25,

DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device);

providing a communication part in said cellular telephone to allow communication of cellular telephone calls over a cellular network (fig. 1A2-3, col. 8 lines: 28-52, DeLorme et al. teaches communication wirelessly of data information, hence, communicating over wireless network);

allowing said communication part in said cellular telephone to communicate with a remote server over said cellular network (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server), and to send at least at least one item of information representing the current location of said cellular telephone to said remote server, including information from said location detection part (abstract, fig. 1A2-3, DeLorme et al. teaches location information);

sending navigation information from said remote server to said cellular telephone based on said item of information sent to said remote server; wherein said navigation information is displayed on said cellular telephone (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Regarding claim 11. A method, comprising:

receiving, in a server, position information from a cellular telephone, said position information including a plurality of items of information that are indicative of a local position of said cellular telephone (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location,

hence, cellular capabilities of the mobile device and col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server);

using a database associated with said server to determine local position information about said local position (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.); and

returning map information from said server to said cellular telephone, based on said local position information (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Regarding claim 18. A method comprising:

providing a cellular telephone having a processor, a location detection part, a display (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device), and a communication part, wherein, said cellular telephone acquires a plurality of items of information representing its current location from said location detection part (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server), and wherein said communication part communicates said plurality of items of information to a remote server (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest,

etc.), and wherein, said remote server sends current position information to said cellular telephone based on said plurality of items of information (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.), and wherein said cellular telephone displays information relating to its current position (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Regarding claim 20. A system, comprising:

a computer part, receiving a wireless communication from a cellular telephone over a cellular telephone network, at a location that is remote from a first location of said cellular telephone, said communication including information representing information about said first location (abstract, col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.);

said computer part looking up information from a database about said first location based on said communication (abstract, col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.), and returning information indicative of said current location over the cellular telephone network, said information including at least mapping information about said first location, from said database (abstract, col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Regarding claim 28. A server in communication with at least one cellular telephone (abstract, col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.), said cellular telephone receiving GPS data indicative of said cellular telephone's current location (fig. 1A3, shows GPS communication of mobile device and satellite system), said server able to receive data from said cellular telephone relating to said current location (abstract, col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.), said server further sending mapping data to said cellular telephone wherein said cellular telephone can display said mapping data on a display (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Regarding claim 29. A system comprising a cellular telephone network with at least one server in communication with at least one cellular telephone via said cellular network (abstract, title, fig. 1-4, device has communication circuitry), said server able to receive data from said cellular telephone relating to said cellular telephone's current position (abstract, col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.), said server providing data from a database to said cellular telephone concerning said current position for display on said cellular telephone (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Regarding claim 31. A method of providing navigational information to a cellular telephone comprising the steps of:

providing a cellular telephone to a user, said cellular telephone having a housing (abstract, see also fig. 1A2-3), a display (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device), a transceiver, an antenna and circuits for at least partially determining said cellular telephone's location (abstract, title, fig. 1-4, device has communication circuitry);

providing instructions to said user on how to use said cellular telephone for navigation (fig. 1A2, map routing information); providing a navigation server with a navigation database adapted to communicate via a cellular telephone network with said cellular telephone (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.); receiving information from said cellular telephone relating to said cellular telephone's location (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.); retrieving data from said navigation database related an area around said cellular telephone's location (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.); and sending said data from said navigation server to said cellular telephone for display on said cellular telephone

(abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Regarding claim 33. A method of providing navigational information to a cellular telephone user comprising:

providing said user with a cellular telephone; instructing said user on using said cellular telephone for navigation (abstract, see also fig. 1A2-3); determining a location of said cellular telephone based on data transmitted from said cellular telephone over a cellular telephone network (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.); accessing information related to said location from a database (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.);

transmitting said information to said cellular telephone (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 2. A method as in claim 1, further comprising sending information to said cellular telephone centered around said current location (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 3. A method as in claim 1, wherein said item of information includes at least GPS information (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless

communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device).

Consider claim 4. A method as in claim 1, wherein said item of information includes information about at least one base station which is communicating with said cellular telephone (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information, hence, having base stations associated with communication of location and area).

Consider claim 5. A method as in claim 1, wherein said item of information includes at least information from a local transponder (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information, hence, having base stations associated with communication of location and area).

Consider claim 6. A method as in claim 1, wherein said navigation information from said remote server indicates information about direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, direction information included for the mobile device).

Consider claim 7. A method as in claim 1, wherein said navigation information from said remote server includes a subset of information based on a direction of travel (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device).

Consider claim 8. A method as in claim 1, wherein said navigation information from said remote server includes additional information about an area around said local position (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device).

Consider claim 9. A method as in claim 1, wherein said navigation information from said remote server includes first mapping information at a first time centered around a first local position, and second mapping information at a second time centered around a second location different than the first location (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information).

Consider claim 10. A method as in claim 1, wherein said map information from said remote server includes a subset of information based on a direction of travel and includes a different subset of information for a first direction of travel than a subset that would exist for a second direction of travel (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 12. A method as in claim 11, further comprising receiving new information in said server indicating a new position of said cellular telephone, and returning new map information from said server to said cellular telephone responsive to receiving said new position information (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme

et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 13. A method as in claim 11, further comprising finding, in said database, additional information beyond mapping information, about an area around said local position, and returning said additional information to said cellular telephone (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 14. A method as in claim 11, wherein said returning comprises returning first mapping information at a first time centered around a first local position, and returning second mapping information at a second time, centered around a second location, different than the first location (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 15. A method as in claim 11, wherein said map information is centered around said current location (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 16. A method as in claim 11, wherein said plurality of items of information include at least GPS information and information about at least one base

station which is communicating with said cellular telephone (fig. 1A2-3, col. 5 lines: 10-25, DeLorme et al. teaches wireless communication having thereon GPS information data of current location, hence, cellular capabilities of the mobile device and points of interest included therein of location nearby of said mobile device. col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location).

Consider claim 17. A method as in claim 11, wherein said plurality of items of information includes at least information from a local transponder (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location).

Consider claim 19. The system as in claim 18 wherein said cellular telephone includes a camera (fig. 1A3, DeLorme et al. shows that the mobile device has ability to have a digital camera).

Consider claim 21. A system as in claim 20, wherein said computer part receives new information in said server indicating a new position of said cellular telephone, and returns new mapping information from said server over said cellular telephone network to said cellular telephone responsive to receiving said new position information (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 22. A system as in claim 20, wherein said computer part finds, in said database, additional information beyond mapping information, about an area around said local position and returns said additional information over said cellular network (fig.

1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 23. A system as in claim 20, wherein said computer part returns a first batch of mapping information at a first time centered around a first local position, and returns a second batch of mapping information at a second time centered around a second location different than the first location (col. 8 lines: 12-27, col. 63 lines: 11-25, DeLorme et al. teaches communication to server including database of positional information including maps, points of interest, etc.).

Consider claim 24. A system as in claim 20, wherein said computer part returns said mapping information centered around said current location (fig. 1A-K, abstract, col. 4 lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 25. A system as in claim 20, wherein said computer part receives information about said first location that includes at least GPS information and information about at least one base station which is communicating with said cellular telephone (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information, hence, having base stations associated with communication of location and area).

Consider claim 26. A system as in claim 20, wherein said computer part obtains and returns a subset of information based on a direction of travel (fig. 1A-K, abstract, col. 4

lines: 50-65, DeLorme et al. teaches starting and ending points with additional information, and GPS information of mobile device current position and routing information to destination, hence, denoting direction information).

Consider claim 27. A system as in claim 20, wherein said computer part receives information about said first location that includes information about at least one base station which is communicating with said cellular telephone as at least one of said items of information (col. 37 lines: 1-15, DeLorme et al. teaches nodes that computes information according to position and location trading information, hence, having base stations associated with communication of location and area).

Consider claim 30. The system as in claim 29, wherein said server further provides information from said database about an area around said current position (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 32. The method of claim 31 wherein said data is map data (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 34. The method of claim 33 wherein said information is map data (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile device).

Consider claim 35. The method of claim 33 wherein said information relates to an area near said cellular telephone (abstract, fig. 1A1-3; col. 4 lines: 20-65, DeLorme et al. teaches routing information and map being displayed in display means on mobile

device, wherein the area of transmission and updating in real time occurs in a wireless network environment).

Consider claim 36. The method of claim 33 further comprising determining whether said cellular telephone is in motion based on data transmitted from said cellular telephone over a cellular telephone network (fig. 1A3, DeLorme et al. shows communication between mobile device and other device such a wireless network).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEGO HERRERA whose telephone number is (571)272-0907. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Diego Herrera/
Examiner, Art Unit 2617

/LESTER KINCAID/
Supervisory Patent Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 12/014,093	Applicant(s)/Patent Under Reexamination HARRIS, SCOTT C.	
	Examiner DIEGO HERRERA	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,013,150	03-2006	Okanoue et al.	455/456.1
*	B	US-6,700,534	03-2004	Harris, Scott C.	342/357.51
*	C	US-6,453,237	09-2002	Fuchs et al.	701/213
*	D	US-6,437,735	08-2002	McMahan, David	342/357.66
*	E	US-6,429,812	08-2002	Hoffberg, Steven M.	342/357.31
*	F	US-6,321,158	11-2001	DeLorme et al.	701/201
*	G	US-6,107,960	08-2000	Krasner, Norman F.	342/357.59
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

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

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

SEARCHED			
Class	Subclass	Date	Examiner
455	456.3	9/21/2010	dh

SEARCH NOTES		
Search Notes	Date	Examiner
plus search, east text search, fwd and rev. search, ids checked.	9/23/2010	dh

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

/DIEGO HERRERA/ Examiner.Art Unit 2617	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12014093	HARRIS, SCOTT C.
	Examiner	Art Unit
	DIEGO HERRERA	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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

CLAIM		DATE								
Final	Original	09/22/2010								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								
	9	✓								
	10	✓								
	11	✓								
	12	✓								
	13	✓								
	14	✓								
	15	✓								
	16	✓								
	17	✓								
	18	✓								
	19	✓								
	20	✓								
	21	✓								
	22	✓								
	23	✓								
	24	✓								
	25	✓								
	26	✓								
	27	✓								
	28	✓								
	29	✓								
	30	✓								
	31	✓								
	32	✓								
	33	✓								
	34	✓								
	35	✓								
	36	✓								

Doc code :IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-08)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

RECEIVED
CENTRAL FAX CENTER
MAY 0 4 2009

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Harris, Scott C
Art Unit	2623
Examiner Name	Phan
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

RECEIVED
CENTRAL FAX CENTER
MAY 04 2009

	1	Location Services (Position Determination Service), August 1999	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Diego Herrera/	Date Considered	09/15/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

PTO/SB/08a (03-08)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Harris, Scott C
Art Unit	2623
Examiner Name	Phan
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5222245			Ando	
	2	5301368			Hirata	
	3	5726660			Purdy	
	4	5731785			Lemelson	
	5	5751373			Ohyama	
	6	5940753			Mallinchkrodt	
	7	5969678			Stewart	
	8	6049718			Stewart	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	9	6069760			Herring	
	10	6085090			Yee	
	11	6107960			Krasner	
	12	6222484			Seiple	
	13	6226589			Maeda	
	14	6321158			DeLorme	
	15	6414635			Stewart	
	16	6429812			Hoffberg	
	17	6437735			McMahan	
	18	6453237			Fuchs	
	19	6697731			Takayama	

EFS Web 2.1.3

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	20	6700534			Harris	
	21	6812888			Drury	
	22	7013150			Okanoue	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010026240			Neher	
	2	20020070890			Harris	
	3	20020138650			Yamamoto	
	4	20050144049			Kuzunuki	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] ¡	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

EFS Web 2.1.3

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	Location Services (Position Determination Service)	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/Diego Herrera/	Date Considered	09/15/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DH/

UNITED STATES PATENT AND TRADEMARK OFFICE

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

BIB DATA SHEET

CONFIRMATION NO. 9898

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/014,093	02/14/2008 RULE	455	2617	GPS-CPDC5

APPLICANTS

Scott C. Harris, Rancho Santa Fe, CA;

**** CONTINUING DATA ***************************

This application is a CON of 10/714,096 11/14/2003 PAT 7,327,312
which is a DIV of 09/682,600 09/25/2001 PAT 6,700,534
which is a CIP of 09/690,001 10/16/2000 PAT 6,473,031

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
02/25/2008

Foreign Priority claimed	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and Acknowledged /DIEGO D HERRERA/ Examiner's Signature	☐ Met after Allowance Initials	CA	4	36	8

ADDRESS

SCOTT C HARRIS
Law Office of Scott C Harris, Inc
P O BOX 1389
Rancho Santa Fe, CA 92067-1389
UNITED STATES

TITLE

Position Privacy in an Electronic Device

FILING FEE RECEIVED		
1360	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

BIB (Rev. 05/07).

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(("6437735") or ("6226589") or ("5969678") or ("20050144049") or ("20010026240")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/09/23 04:15
		cellular near2 phone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 04:11
		cellular near2 phone	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 04:11
L1	1	("6321158").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2010/09/23 04:35
L2	26	("20010026240" | "20020070890" | "20020138650" | "20050144049" | "5222245" | "5301368" | "5726660" | "5731785" | "5751373" | "5940753" | "5969678" | "6049718" | "6069760" | "6085090" | "6107960" | "6222484" | "6226589" | "6321158" | "6414635" | "6429812" | "6437735" | "6453237" | "6697731" | "6700534" | "6812888" | "7013150"). PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2010/09/23 06:07
L3	15	("5564079" | "6070083" | "6084547" | "6108555" | "6442392" | "6662016" | "6681099").PN. OR ("7013150").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:08

L4	38	("20030012265" | "20030063595" | "20040062214" | "20040114623" | "20040209580" | "20040252665" | "20040259571" | "20050163075" | "20050228854" | "20050286536" | "20060007919" | "5805633" | "5901182" | "5931964" | "5973643" | "6016322" | "6035207" | "6154507" | "6285876" | "6356911" | "6381726" | "6442392" | "6490327" | "6546256" | "6560462" | "6621807" | "6631142" | "6717947" | "6757544" | "6788750" | "6904110" | "6915123" | "6920125" | "6978124" | "6987798" | "7013150" | "7068638" | "7139283").PN. OR ("7697573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 06:09

EAST Search History (Interference)

< This search history is empty>

9/23/2010 6:09:45 AM
C:\Documents and Settings\dherrera\My Documents\EAST\Workspaces\014093_12.wsp

PLUS Search Results for S/N 12014093, Searched Thu Sep 23 08:37:31 EDT 2010

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.

5801527 99
5978107 94
5883632 88
6128022 88
6160644 83
6181445 83
4351268 77
4380213 77
4386844 77
5510910 77
5798966 77
5978860 77
6069982 77
6169762 77
4246600 72
4583055 72
4593458 72
4859633 72
4991002 72
5250461 72
5250837 72
5457785 72
5479536 72
5495544 72
5517040 72
5561377 72
5570002 72
5572632 72
5583666 72
5604843 72
5610925 72
5613951 72
5655269 72
5724449 72
5748176 72
5775825 72
5777811 72
5806897 72
5841304 72
5841992 72
5900759 72
5943577 72
6008907 72
6043519 72
6063655 72
6072901 72
6088038 72
6111268 72
6130544 72
6137495 72

Doc code :IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-09)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

RECEIVED
CENTRAL FAX CENTER
MAY 0 4 2009

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Harris, Scott C
Art Unit	2623
Examiner Name	Phan
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

RECEIVED
CENTRAL FAX CENTER
MAY 04 2009

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	1	Location Services (Position Determination Service), August 1999	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

RECEIVED
CENTRAL FAX CENTER
MAY 0 4 2009

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Scott C Harris/	Date (YYYY-MM-DD)	2009-05-04
Name/Print	Scott C Harris	Registration Number	32030

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/SB/08a (03-08)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	12014093
Filing Date	2008-01-14
First Named Inventor	Harris, Scott C
Art Unit	2623
Examiner Name	Phan
Attorney Docket Number	GPS-CPDC5

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5222245			Ando	
	2	5301368			Hirata	
	3	5726660			Purdy	
	4	5731785			Lemelson	
	5	5751373			Ohyama	
	6	5940753			Mallinchkrodt	
	7	5969678			Stewart	
	8	6049718			Stewart	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	9	6069760			Herring	
	10	6085090			Yee	
	11	6107960			Krasner	
	12	6222484			Seiple	
	13	6226589			Maeda	
	14	6321158			DeLorme	
	15	6414635			Stewart	
	16	6429812			Hoffberg	
	17	6437735			McMahan	
	18	6453237			Fuchs	
	19	6697731			Takayama	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	20	6700534			Harris	
	21	6812888			Drury	
	22	7013150			Okanoue	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010026240			Neher	
	2	20020070890			Harris	
	3	20020138650			Yamamoto	
	4	20050144049			Kuzunuki	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] ¡	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	Location Services (Position Determination Service)	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12014093
	Filing Date	2008-01-14
	First Named Inventor	Harris, Scott C
	Art Unit	2623
	Examiner Name	Phan
	Attorney Docket Number	GPS-CPDC5

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Scott C Harris/	Date (YYYY-MM-DD)	2008-08-28
Name/Print	Scott C Harris	Registration Number	32030

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	3985750
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	23844
Filer:	Scott C. Harris
Filer Authorized By:	
Attorney Docket Number:	GPS-CPD5 / SCH
Receipt Date:	23-SEP-2008
Filing Date:	14-FEB-2008
Time Stamp:	01:56:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	3gp2x.pdf	3877470 9ffbe5a57c9cb531607cb2dbca502592126a e962	no	133
Warnings:					
Information:					

2	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	931081 a06f6452d5ed96df1b44e9c237df29a2443e1160	no	6
Warnings:					
Information:					
			Total Files Size (in bytes):	4808551	

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.

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
12/014,093	02/14/2008	Scott C. Harris	GPS-CPD5 / SCH

CONFIRMATION NO. 9898

23844
SCOTT C HARRIS
P O BOX 927649
SAN DIEGO, CA92192

Title: Position Privacy in an Electronic Device

Publication No. US-2008-0132250-A1
Publication Date: 06/05/2008

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

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

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

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

Pre-Grant Publication Division, 703-605-4283

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	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/014,093	02/14/2008	2617	1360	GPS-CPD5 / SCH	36	8

CONFIRMATION NO. 9898

23844
SCOTT C HARRIS
P O BOX 927649
SAN DIEGO, CA 92192

FILING RECEIPT



Date Mailed: 02/26/2008

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)

Scott C. Harris, Rancho Santa Fe, CA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 10/714,096 11/14/2003 PAT 7,327,312
which is a DIV of 09/682,600 09/25/2001 PAT 6,700,534
which is a CIP of 09/690,001 10/16/2000 PAT 6,473,031

Foreign Applications

If Required, Foreign Filing License Granted: 02/25/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/014,093**

Projected Publication Date: 06/05/2008

Non-Publication Request: No

Early Publication Request: No
**** SMALL ENTITY ****

Title

Position Privacy in an Electronic Device

Preliminary Class

455

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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

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

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

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

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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

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

NOT GRANTED

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

ATTORNEY DOCKET NO. GPS-CPD5/SCH
Serial No.: 12/014,093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Scott C. Harris	Group Art Unit -
Appl. No. :	12/014,093	
Filed :	January 14, 2008	
For :	POSITION PRIVACY IN AN ELECTRONIC DEVICE	
Examiner :	-	

RESPONSE TO NOTICE OF INCOMPLETE APPLICATION
and AMENDMENT UNDER RULE 57(a)

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

Dear Sir:

In response to the Notice dated Feb 12, 2008, kindly add the drawings into this case. The inadvertently omitted drawings were completely present in the parent application (10/714,096).

The prior filed application, 10/714,096 was an application filed under 35 USC 111, and hence no copy of that application is believed necessary.

The prior filed application was in English.

The drawings were part of the prior filed application as filed, and were filed following the abstract of the originally-filed application.

The rule 17(f) petition fee is also concurrently paid.

Please charge any unpaid fees due in connection with this response, to Deposit Account No. 50-1387, small entity.

Respectfully submitted,

Date: _2/14/08_____ __/Scott C Harris/_____
Scott C. Harris
Reg. No. 32,030

Customer No. 23844
Scott C. Harris, Esq.
P.O. Box 927649
San Diego, CA 92192
Telephone: (619) 823-7778
Facsimile: (858) 756-7717

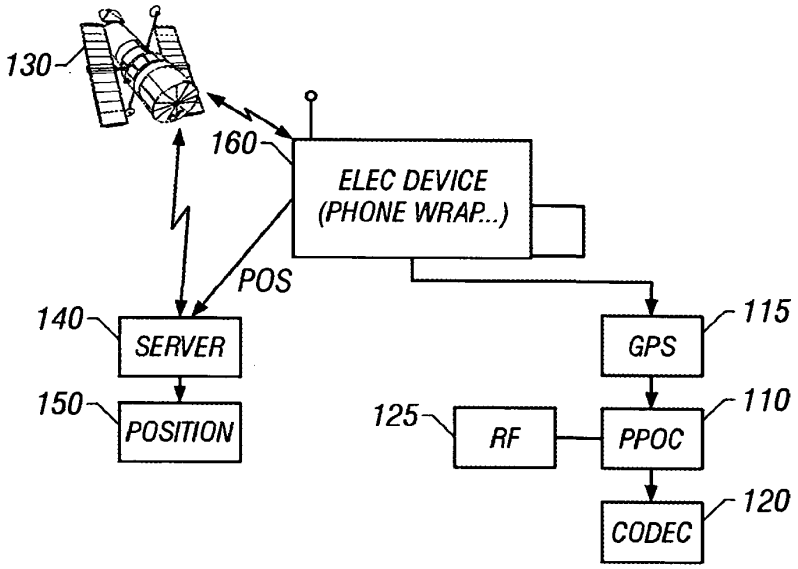

130
160
ELEC DEVICE
(PHONE WRAP...)
POS
140
SERVER
150
POSITION
115
GPS
125
RF
110
PPOC
120
CODEC

FIG. 1

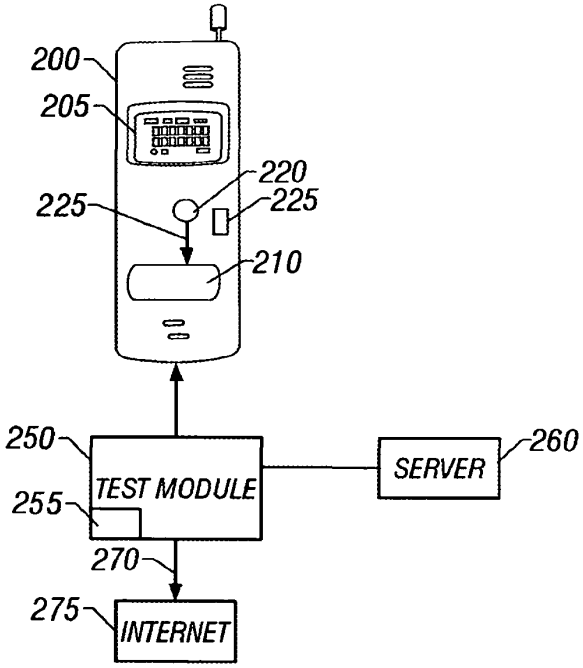

200
205
220
225
225
210
250
TEST MODULE
255
270
275
INTERNET
SERVER
260

FIG. 2

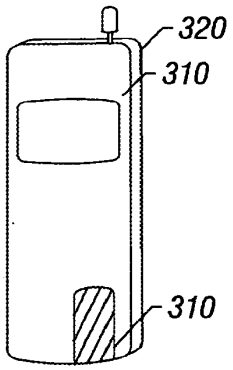


FIG. 3A

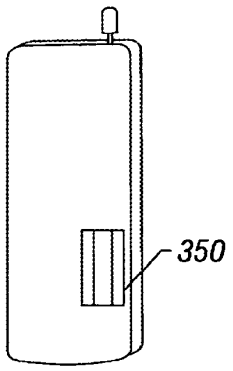


FIG. 3B

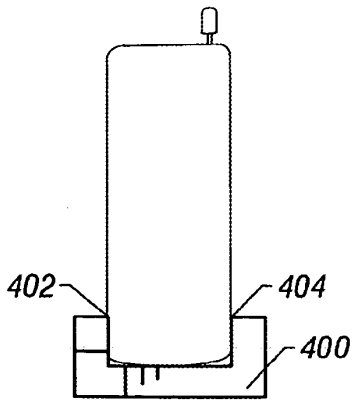


FIG. 4

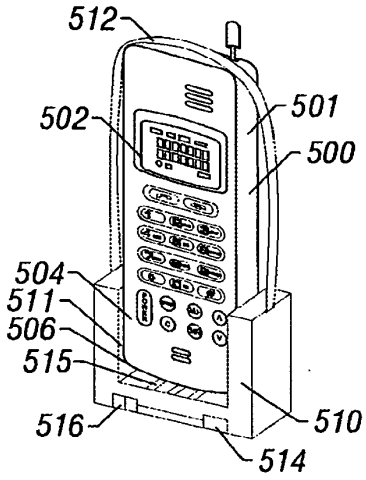


FIG. 5

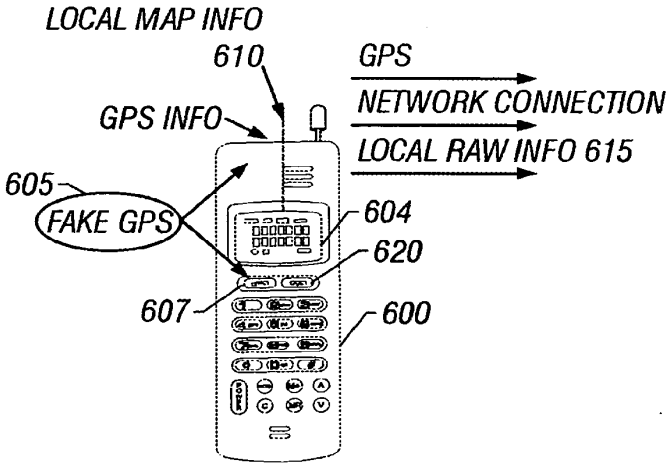


FIG. 6

<time_since> 12.07 </time_since>
<cell_recap> AB07 </cell_recap>

FIG. 7

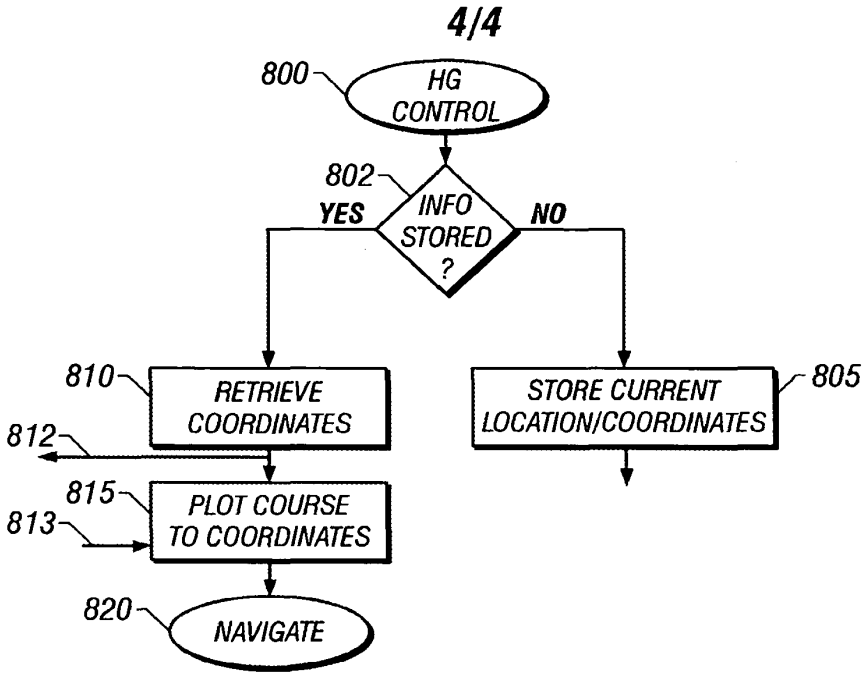


FIG. 8

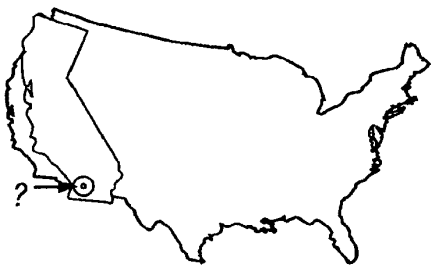


FIG.9A

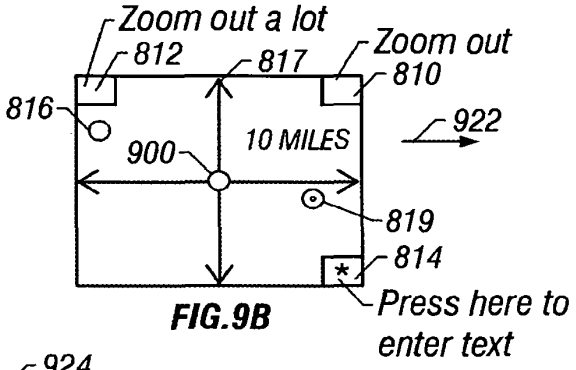


FIG.9B

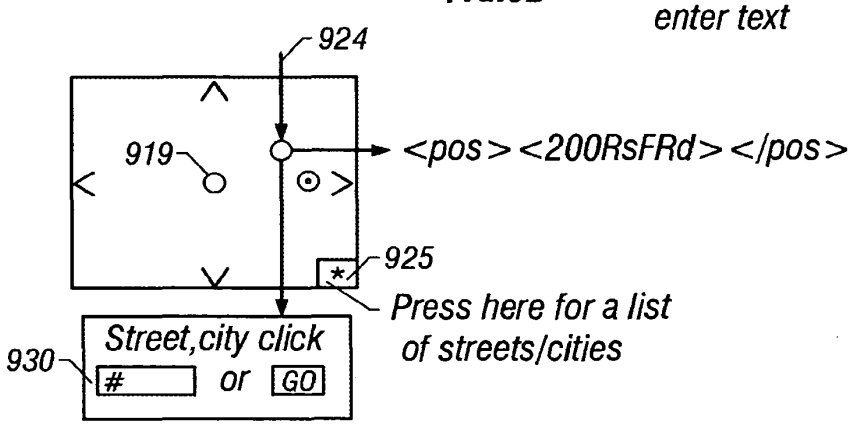


FIG.9C

Electronic Patent Application Fee Transmittal

Application Number:	12014093
Filing Date:	
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C. Harris
Filer:	Scott C. Harris
Attorney Docket Number:	GPSPrivacyCPDC5
Filed as Small Entity	

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Petition fee- 37 CFR 1.17(f) (Group I)	1462	1	400	400
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**400**

Electronic Acknowledgement Receipt	
EFS ID:	2863217
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C. Harris
Customer Number:	23844
Filer:	Scott C. Harris
Filer Authorized By:	
Attorney Docket Number:	GPSPrivacyCPDC5
Receipt Date:	14-FEB-2008
Filing Date:	
Time Stamp:	17:57:14
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$400
RAM confirmation Number	3177
Deposit Account	501387
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 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Applicant Response to Pre-Exam Formalities Notice	GPSC5responsetonoticeofincompleteapp.pdf	24216 d94dd8e9dba36d0682d5288f32860cf835ce9225	no	2
Warnings:					
Information:					
2	Drawings-only black and white line drawings	Gpscpd_drawings.pdf	59528 898522c20abcb01f42b7293eb9d4f08f42b28f3d	no	4
Warnings:					
Information:					
3	Fee Worksheet (PTO-06)	fee-info.pdf	8107 2fd56ff5b39d38e035e1d30f43ccfedb28bfd1ae	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	91851		

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.

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
12/014,093	01/14/2008	Scott C. Harris	GPSPrivacyCPDC5

CONFIRMATION NO. 9898

23844
SCOTT C HARRIS
P O BOX 927649
SAN DIEGO, CA 92192

FORMALITIES LETTER

OC000000028207929

Date Mailed: 02/12/2008

NOTICE OF INCOMPLETE NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has NOT been accorded to the above-identified application papers for the reason(s) indicated below.

All of the items noted below **and a newly executed oath or declaration covering the items must** be submitted within **TWO MONTHS** of the date of this Notice, unless otherwise indicated, or proceedings on the application will be terminated *(37 CFR 1.53(e))*. Replies should be mailed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

The filing date will be the date of receipt of all items required below, unless otherwise indicated. Any assertions that the item(s) required below were submitted, or are not necessary for a filing date, must be by way of petition directed to the attention of the Office of Petitions accompanied by the $400.00 petition fee *(37 CFR 1.17(f))*. If the petition states that the application is entitled to a filing date, a request for a refund of the petition fee may be included in the petition.

If the above-identified application contains a priority claim under 37 CFR 1.55 or benefit claim under 37 CFR 1.78 of a prior-filed application that was present on the filing date of the application and applicant wants to rely on 37 CFR 1.57(a) to add inadvertently omitted material to the above-identified application, applicant must file a petition under 37 CFR 1.57(a) accompanied by the $400.00 petition fee (37 CFR 1.17(f)) within TWO MONTHS of the date of this Notice. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

- The application was deposited without drawings. 35 U.S.C. 113 (first sentence) requires a drawing "where necessary for the understanding of the subject matter sought to be patented."
  Applicant should reconsider whether the drawings are necessary under 35 U.S.C. 113 (first sentence).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

Replies should be mailed to:

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

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

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

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

/kalhaidari/

Office of Initial Patent Examination (571) 272-4000 or 1-800-PTO-9199

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C Harris
Filer:	Scott C. Harris
Attorney Docket Number:	GPSCPDC5

02/07/2008 MNGUYEN 00000015 501387 12014093
01 FC:2201 105.00 DA

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	16	25	400
Independent claims in excess of 3	2201	3	105	315
Miscellaneous-Filing:				

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C Harris
Filer:	Scott C. Harris
Attorney Docket Number:	GPSCPDC5

02/05/2008 MNGUYEN 00000022 501387 12014093
01 FC:2201 105.00 DA

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	16	25	400
Independent claims in excess of 3	2201	3	105	315
Miscellaneous-Filing:				

POSITION PRIVACY IN AN ELECTRONIC DEVICE

[0001] This is a divisional of U.S. Application No. 09/682,600 filed September 25, 2001 which is a continuation-in-part of U.S. Application number 09/690,001, filed October 16, 2000.

Background

[0002] The present invention defines a system for enhancing privacy in an electronic device with automatic position location detection.

[0003] Modern electronic devices often include automatic position location detection technology. For example, the modern cellular phone may include a satellite positioning system such as a GPS device. Other cellular phones, referred to as WAP phones, also automatically keep track of the users position.

[0004] Figure 1 shows an electronic device, which can be a wap phone, regular cellular phone, or any other electronic device 100. The device is shown with electronic circuitry including electronic processor 110 which processes signals from both GPS device 115, and from a codec 120. The processor also controls an RF device 125.

[0005] The electronic device automatically determines its position. In this embodiment, it does so by communicating with a constellation of global position detecting satellites 130, for automatic determination of position. The electronic device

may also communicate with the server 140, such as to a base station. The electronic device may communicate its determined position to the server. This may be done, for example, for emergency purposes. In the case of a WAP device, this may be done simply to monitor the position of the cellular phone. The server may output the position, shown as 150.

Summary

[0006] The present application defines a device which enhances privacy in such a system. Specifically, the present application teaches a device which selectively prevents the electronic device from transmitting its position. This hence allows selection of an enhanced privacy mode.

Brief Description of the Drawings

[0007] These and other aspects of the invention will be described in detail with reference to the accompanying drawings, wherein:

[0008] Figure 1 shows a block diagram of an electronic device with a built-in automatic position location detection system;

[0009] Figure 2 shows a first embodiment of a privacy enhancing device for an electronic element;

[0010] Figures 3A and 3B show a passive version of the privacy enhancing device using an RF blocking technique;

[0011] Figure 4 shows an active jammer device which actively produces a signal to prevent the reporting of position;

[0012] Figure 5 shows an exemplary jammer which produces fake psuedoranges, to fool the satellite positioning device;

[0013] Figure 6 shows an alternative position detecting device, in which environmental clues may be used to enhance the position detection;

[0014] Figure 7 shows an XML form which may be used to report information about the environmental clues;

[0015] Figure 8 shows an embodiment where current position may be stored and allowed to be used to later return back to that current position; and

[0016] Figures 9A-9C show a graphical user interface for a portable GPS device.

Detailed Description

[0017] The first embodiment is shown in Figure 2. In this embodiment, the electronic device is a portable telephone such as a cellular phone. However, it should be understood that other electronic devices, such as computers, personal digital assistants, or any other device which is capable of communicating in any way, may use similar techniques to those disclosed herein. A portable phone 200 has a normal user interface 205, and other structure such as display, etc. The device also includes a positioning device 210. In this embodiment, a position detection block control 220 is

provided. This is an actuation mechanism, such as a button, which can be pressed to deactivate the function of the positioning device 210. The unit's normal position forms an enable signal 225 which enables the position detector 210, allowing the position detector to determine its position, and report that position to a remote source, such as a base station. When the button is in its override position, an indicator 225 is illuminated, indicating the privacy mode has been entered. In this privacy-enhanced state, the enable signal is removed, thereby preventing position detector 210 from reporting its position.

[0018] A concern, however, is that some users, either hackers or others with more aura of authority, may use this system in a way which determines position surreptitiously, e.g., even when the button is placed on override. For example, law-enforcement officials might use this system to keep track of someone without their knowledge. One way to do this might be to fake an emergency call or the like. Doing this, however, may have serious privacy implications.

[0019] If a manufacturer includes a "back door" into the system, that "back door" might be used to determine the position of a person, without their authority or knowledge.

[0020] A test module 250 can be used to test the degree of privacy associated with the electronic device. This test module is connectable to the server 260. It also runs a software layer 255 which can be updated via channel 270, e.g., over the Internet. The test module 250, in operation, communicates with a service over the

internet. The service employs experts to research and store the latest and most up-to-date way of improperly obtaining position in such a system. This is available via update 270 from the Internet. This may be carried out as a subscription service, in a similar way to the operations currently done to update virus definitions. The Internet returns ways of hacking the position detection prevention, which can hence be used by the test module to evaluate the privacy provided by the actuation 220.

[0021] The test module sends a request for position location to the phone 200, using the best available techniques. The phone returns information, and this information is evaluated by the server 260. Server 260 returns an evaluation of the operation to the test module 250. This can provide a user with an indication of the level of privacy they have obtained.

[0022] Another embodiment is shown in Figures 3A and 3B. This embodiment may be most usable with a satellite positioning system in a telephone. In this kind of phone, both sets of electronics -- the GPS and the codec -- may use a common processor. However, a GPS system often requires a separate antenna shown as 300. The separate antenna may be very sensitive to reception. For example, while cellular telephones can often be used indoors, corresponding GPS devices may not be usable in the same situations. Moreover, each separate telephone type will have a GPS antenna 300 placed in a specified location. There are relatively few telephone types in common use, usually less than 50 types. This system finds, for each telephone type, where the GPS antenna will be placed. The device 350 is made of an

RF absorbing or reflecting material such as metal. The device is also made in way which allows it to be temporarily attached to the telephone, e.g., by clipping on to the phone. For example, the device may fit on both sides of the telephone 310 and 320 and wrap around the telephone to cover areas adjacent the antenna on both of the surfaces. The cover 350 covers both sides of the antenna 300, and therefore prevents GPS operation while the cover is clamped into place. In this way, privacy can be effectively temporarily enhanced. Figures 3A and 3B show two different places where the shield could be attached; but it should be understood that the shield could be attached in many different places.

[0023] One of the stated uses of GPS in a portable phone is for use in an emergency. When the user dials 911, the GPS device allows the emergency authorities to determine the user's precise location. In order to allow this, the cover can be maintained in place during all operations other than emergencies. During emergencies, the cover can be removed. But once the cover is removed, the position of the electronic device can be automatically detected, as usual.

[0024] The system of Figures 3A and 3B may not work with certain phones. An alternative system is shown in Figure 4. In this phone, an active jammer module 400 is provided. The jammer module either supplants or fools the system into obtaining false position information. For example, the jammer module may provide false satellite information, e.g., indicating a false satellite position.

[0025] Satellite positioning system information is often provided in broad spectrum noise. The jammer 400 may produce broad spectrum noise, which includes information indicative of three satellites, but which is transmitted at a sufficiently low power to be receivable only at a very short range. In the system of Figure 4, the jammer can also be attached using attachment clips 404. The attachment can place the transmitter of the jammer in close proximity with the satellite positioning system antenna.

[0026] The jammer information can produce outputs that indicate a false location, for example. Similar operations can be carried out with WAP phones. In a WAP phone, for example, the system may override the carrier, or tell the carrier false information about where the phone is located. This may include providing false triangulation information into the system or the like.

[0027] An example of the above-discussed jamming and shielding technique is illustrated in Figure 5. It is recognized that the antenna which receives the automatic positioning information may be relatively sophisticated and may be difficult to adequately shield. The portable telephone 500 includes, as conventional, display 502, and user interface 504 which enables communication with the telephone electronics. The telephone may also include a connector 506 which may often connect to receive power and includes the capability of connection with the power in the telephone and possible communication with the telephone.

[0028] The interface device 510 may be shaped to couple against the phone. For example, the interface device may have inner surfaces 511 which are adapted to be pressed against outer surfaces 501 of the telephone housing. In addition, the device may include a strap 512 which connects across another portion of the telephone housing, to hold the interface device 510 surfaces against the phone surfaces. The interface device 510 may include a shielding function, and may also include a position jamming function that is embodied as electronics within the housing of the interface device 510. The strap itself may also carry out a shielding function; i.e., it may be formed from a metallic material to shield against certain receptions.

[0029] The electronics, shown generically as 514, may be powered either from the connector areas 515, or from a replaceable battery 516.

[0030] In operation, this system may jam certain communications indicative of the device's location. The global positioning system may for example be a satellite positioning system. These systems, as conventional, may receive contact signals from satellites in which the "pseudoranges" are embedded within noise or other random information within the satellite signal. Hence, the electronics 514 produce false pseudoranges. This false pseudorange information is received by the telephone device 500. The real pseudorange information is received by these devices at relatively low-power. Accordingly, producing even ¼ watt or less of pseudorange information from the jamming device 510 may completely overwhelm the real pseudoranges that are incoming from the satellite. For example, the pseudoranges may be programmed to

always indicate specified locations such as the North Pole. As an alternative, the pseudoranges may be randomly selected, with the random values being inserted as fake psuedoranges. The jamming device thus forces the unit to indicate a different location.

[0031] In another embodiment, the electronics 514 may include a processor running a specified program. That program may select a pseudorange representing a specified location at random. Then, once the pseudorange is selected, the location being represented by the psuedorange, and thus by the phone, may continually appear to move. This may simulate the user actually moving along a path within the 'fake' specified location.

[0032] Figure 6 shows an alternative embodiment in which position detection and monitoring may be augmented by additional operations carried out over a network. In this embodiment, the GPS computer 600 may be a relatively thin client. Examples of thin clients which may operate in the Figure 6 embodiment may include a cell phone, or a personal digital assistant "PDA". In addition, other wireless devices such as laptops and other network capable computers may be used as the computer 600.

[0033] It has been difficult to use such a thin client to carry out navigation assistance in any but the most superficial of ways. In this embodiment, communication over the network may be used to improve this operation.

[0034] The positioning information may include information obtained from GPS satellites, and information obtained from other positioning elements such as

repeaters and transponders. It may also include other kinds of tracking information such as the Syptech Local Positioning System (Syptech.com). For example, the block generically shown as 605 in Figure 6 may include transponders that produce "simulated" GPS information and transmits that simulated information to the computer 600. The transponder may transmit pseudorange information of the type that would be received by GPS receivers, but at a higher power level than could be received from the actual GPS satellites. Alternatively, it may transmit this information in locations which are otherwise shielded against such satellite communications, such as indoors or under tree cover. The transponder 605 may also include bluetooth transponders which may transmit directly to a bluetooth receiver 607 within the phone 600. This system may also use a messaging service or web service to send the information. A "bluetooth blip" may also be used to convey location information.

[0035] The location of the transponder may be known, or alternatively, the transmission itself may include information indicative of its information.

[0036] Environmental information may also be used to provide clues about the specific location of the device 600.

[0037] On a thin client such as 600, the operations that can be done using the GPS information is often limited by the limited resources of the thin client. Many such thin clients simply do not include enough memory and/or resources to store all of the map information which may be necessary for navigation over an extended route, for example. For example, a PDA or cell phone might have some fixed small amount

of memory, say 8 megabytes. However, navigation or position determination in any desired area may require much more than that limited amount of resources.

[0038] Accordingly, in this embodiment, the rough positioning information is used to download positioning information, e.g. map information, over the network connection. Local positioning information is downloaded at specified intervals, e.g., every time the unit moves more than 50 feet. The downloaded information may include additional information in the direction of travel, and instructions to delete or ignore certain information that is not within the direction of travel. Alternatively, an entire new subset of information may be downloaded at any time. In this way, the stored information continually changes as the unit moves. Each new batch of stored information corresponds to a unit of stored information around the current unit position. As the unit moves, the information is continually updated to a new batch of information, centered around the current location.

[0039] The local map information is shown as 610, and is received over the network connection as dynamic information, which is stored into the memory 604. This dynamic map information will be later replaced by new map information, indicative of some new area.

[0040] Use of dynamically changing positioning information may minimize the amount of local resources which are necessary for navigation. Of course, a core of navigation information may be necessary, which may correspond to very rough

information about positioning, as well as location information from previous movements, for example.

[0041] In this embodiment, the client may also transmit local "raw" information. The raw information may include information about the environment, from which clues may be derived. These clues may be compared with a database, having a list of clues for the specific areas.

[0042] One example of environment information may include the speed of the device. If the user is going faster than a specified amount, (say, faster than 30 miles per hour), then this clue may indicate that the user is on a road, and information from the map may be used to narrow down the current location to a position of such a road. Of course, the specific road must be determined and may be selected from the other clues. Other clues may include time since a GPS fix. Various parameters may affect the ability to obtain a GPS fix. This may include, for example, trees covering the roadway, as well as tunnels. These clues may help narrow down the user's location also.

[0043] Other environmental information may include the power and/or type of cellular reception.

[0044] The server which receives this information may include a database with information about cellular reception in various areas.

[0045] Another form of environmental information may include a database indicating specified types of interference from various environmental factors. Each

specified type of interference may have a specified different kind of signature. For example, the hum from a power line may be one kind of signature; noise and/or interference from a train, power generating station, or radio transmitter may represent another kind of signature. The unit may monitor for different kinds of noise, and send information about the noise that is received.

[0046] If the client receives cellular or other type information, then information about the different base stations or receivers/transmitters which are communicating with the client may be reported, for example, their ID numbers or other identifying information. The raw amount of received power may also be reported.

[0047] To the extent that the thin client is also aware of its surroundings, information from that awareness may also be reported. For example, if the client has a microphone, then various information about the sounds it is hearing may be transmitted. If a camera is present in the client, then information from the camera may be sent. This information may be detailed, that is it may include enough information to determine actual features, or may be very coarse. Coarse information might only indicate the degree of light or dark, and/or information about outlines of specific objects.

[0048] The client which is used may be a Web service, for example, or may be via communications with the user's cellular telephone company. In any case, the information may preferably be sent in a specified form type format.

[0049] For example, Figure 7 shows the information being sent as an XML form with various tags representing the various raw data which can be sent. This

allows the clues to be transmitted in an organized form. Although an XML form is described herein, it should be understood that other forms could alternatively be used. The use of an XML form, however, may produce special advantages. For example, as shown in Figure 7, different tags may be provided to indicate the kind of information that is being sent. As explained above, various different environmental clues may be provided. Each of these clues may be associated with an XML tag. For example, a form might include only tags (e.g., <noise> parameters </noise>) for those parameters which were available. Alternatively, the form a may include all possible tags, but no data in between those tags unless information about that data is sensed.

[0050] In each of these embodiments, the details about positioning of the thin client may be enhanced by comparison to a database of information about various characteristics. The database may include characteristics as a function of position. A unique combination of certain characteristics may indicate a position unambiguously, especially if coarse positioning from other operations has indicated a rough location.

[0051] In another embodiment, this same database may be stored locally, and clues about the environment may be used to enhance determination of position locally.

[0052] An advantage of this system is that it determines position using many of the same clues that are used by a human operator who attempts to determine their position. The human operator often looks for familiar landmarks and other items. In

a similar way, this system may attempt to determine the current position based on clues which may be analogous to landmarks.

[0053] In another embodiment, the positioning operation is only allowed to operate in an emergency. For example, the user may signify an emergency, which turns on all of the different clue-reporting positioning systems that are disclosed herein. This may be done to enhance the user's privacy to the extent possible.

[0054] The ability for a thin client to monitor position produces several possible advantages. The embodiment of Figure 6 may also include a special control 620, referred to herein as a "Hansel and Gretel" ("HG") control. When the HG control is actuated, the current location of the device is stored as a bookmark/stored location to be used later. The store and retrieval process may follow the flowchart of Figure 8. The control is shown as being actuated at 800. At 802, the system determines if information is already stored in the memory. Note that this determination may be used only for a single bookmark system, and the flowchart may operate differently in other embodiments in which multiple items are stored. If information is not stored in the memory at 802, or if this is a system where multiple bookmarks can be stored, then the current location/coordinates are stored at 805. This storage location may store either the exact location, or a best guess about the location, obtained from any of the embodiments above, including GPS information as improved using the clues about the environment.

[0055] In this embodiment, the information may be used as a bookmark. That is, the actuation of the control causes current coordinate information to be stored in the memory. The next actuation retrieves this data from the memory and uses it to navigate or guide the user back to the location.

[0056] The later retrieval from the memory is shown by the left flowchart side in Figure 8. When information is detected to be stored at 802, then at 810, the computing element retrieves the stored coordinates. Those coordinates may then be processed. 812 represents processing those coordinates using the techniques described above, that is transmitting them to a remote server which may calculate the mapping information, and return at 813, data to be used in plot coordinates. At 815, the operation plots the course to the coordinates, which may include displaying a map and the like. Navigation continues at 820.

[0057] The retrieval bookmark may use the same HG control as shown in Figure 8. That is, the first press stores the location in the memory, and the second press retrieves the location from the memory.

[0058] Alternatively, multiple different bookmarks may be stored and labeled by some descriptive information in the memory. In this embodiment, 802 may be replaced by an operation where one of multiple stored items is selected for navigation.

[0059] This may have significant advantages when used in an unfamiliar location. For example, a user may store the location of their hotel, and be relatively

assured that they will be able to return to the hotel later, using the bookmark function. Pressing the button effectively provides a return path to the location, much like the trail of bread crumbs left in the Hansel and Gretel fairy tale.

[0060] Analogously, this may also be used to guide the user back to their rental car drop-off facility, or to the airport, or to any other location.

[0061] In another embodiment, the thin client 600 has Web browsing capability, or more generally has access to a source of information over its network connection. An analogous position control to the HG control that is described above may be used over the Internet as part of the client's reception of information from the Internet network.

[0062] For example, the user may find a desired item or location. The user may, for example, find a desired restaurant or hotel from a remotely accessible database. The description of the restaurant or hotel may include a description of the location in a form that can be understood by a navigation device. A position control may be used to enter the address or coordinates of the item as a bookmark to be retrieved later.

[0063] Alternative Web uses for the position control may include entry of an address. For example, the address may be entered into the client and later retrieved.

[0064] Alternatively, information indicative of a place may be acquired, and used as part of a message. A desired meeting place may be acquired, and translated

into a form which can be understood by another positioning device, which can be coordinates or a physical address. A message with a request for meeting as well as coordinates for the meeting may then be transmitted. At the remote end, the coordinates associated with the message may be retrieved and used to control a navigation system.

[0065] An alternative embodiment shown in Figure 9A-9C may operate with a navigation system of the type described above, and may allow selection of a desired location using a graphical user interface. Figure 9A shows a process of displaying a local area map centered in the user's current area.

[0066] The graphical selection embodiment may start with the view shown in Figure 9A, which shows a rough map of the entire area. This may represent the either the entire area that can be navigated, or only a portion of that area. The user can select an area shown as 900 by clicking, which brings up the menu of Figure 9b. Figure 9B shows a zoomed area, centered around the selected location 900, e.g. 10 miles in each direction. The exact extent of the area may depend on the scale of the map of Figure 9A. As an alternative, the map of Figure 9b may be initially shown, with options to allow the user to expand the scale of what they view. For example, the control 910 may command zoom out, with 912 commanding "zoom out a lot". At any point, the user may press the control 914 to bring up a script, e.g. a JavaScript, enabling the user to enter text.

[0067] In order to facilitate navigation, the user may be provided with landmarks. For example, the user may be shown different cities within the selected area. In Figure 9B, the user sees such cities such as Oceanside Center, as 916. Arrows are also provided such as 917 enabling the map view to be rotated. The user may also be shown other common landmarks such as shopping centers and other items which enable the user to better get their bearing.

[0068] In an embodiment, again the GPS device may store a minimal amount of information in order to facilitate operation on a thin client. Therefore, each time the user executes any of the clicks discussed above, the contents of the click, shown as 922, are sent as a form to a Web service. As above, the form may be in XML format, with specified tags indicating the content and format. In Figure 9b, the user has tagged the location 919. Therefore, a new area tag, along with general coordinates of the new tagged area, are sent as XML information to the Web service that handles the navigation operation. The Web service returns information at 924. This includes a recentered map now centered around the selected point 919. The recentered map shows detailed streets that are as close to the point 919 as possible. Each street may be associated with a screen tip. Placing the cursor over the street may bring up a screen tip or other information on the screen showing the additional buttons for movement.

[0069] A pulldown menu having a list of streets and cities are provided as 925. If the user selects the pulldown menu, it provides a list of all the streets within the

new map area, shown as 930. The streets may be arranged alphabetically, by distance to the actual selected point, or by some other criteria. This enables the user to select one of those streets.

[0070] In the embodiment of Figure 9C, the user has selected one of the positions. This information is sent as a form (e.g. an XML form) to a Web service. The Web service then returns map information for the desired route in a form that can be used by positioning equipment on the PDA. By using a standardized form of this type, any of a number of different Web services, which may be geographically distributed for example, may be used for the navigation operation. That is, since a standardized form is used, the information can be easily exchanged between multiple different Web services or other services which provides sources of information.

[0071] Although only a few embodiments have been disclosed in detail above, other modifications are possible. For example, any different kind of thin computer can be used, such as a phone, or a PDA. While the above describes the use of the information being for navigation, other uses of this kind of information can be used.

What is claimed is:

1. A method of providing navigation information using a cellular telephone, comprising:

providing a location detection part in said cellular telephone to determine information about a current location of said cellular telephone;

providing a communication part in said cellular telephone to allow communication of cellular telephone calls over a cellular network;

allowing said communication part in said cellular telephone to communicate with a remote server over said cellular network, and to send at least at least one item of information representing the current location of said cellular telephone to said remote server, including information from said location detection part;

sending navigation information from said remote server to said cellular telephone based on said item of information sent to said remote server; wherein said navigation information is displayed on said cellular telephone.

2. A method as in claim 1, further comprising sending information to said cellular telephone centered around said current location.

3. A method as in claim 1, wherein said item of information includes at least GPS information.

4. A method as in claim 1, wherein said item of information includes information about at least one base station which is communicating with said cellular telephone.

5. A method as in claim 1, wherein said item of information includes at least information from a local transponder.

6. A method as in claim 1, wherein said navigation information from said remote server indicates information about direction of travel.

7. A method as in claim 1, wherein said navigation information from said remote server includes a subset of information based on a direction of travel.

8. A method as in claim 1, wherein said navigation information from said remote server includes additional information about an area around said local position.

9. A method as in claim 1, wherein said navigation information from said remote server includes first mapping information at a first time centered around a first local position, and second mapping information at a second time centered around a second location different than the first location.

10. A method as in claim 1, wherein said map information from said remote server includes a subset of information based on a direction of travel and includes a different subset of information for a first direction of travel than a subset that would exist for a second direction of travel.

11. A method, comprising:

receiving, in a server, position information from a cellular telephone, said position information including a plurality of items of information that are indicative of a local position of said cellular telephone;

using a database associated with said server to determine local position information about said local position; and

returning map information from said server to said cellular telephone, based on said local position information.

12. A method as in claim 11, further comprising receiving new information in said server indicating a new position of said

cellular telephone, and returning new map information from said server to said cellular telephone responsive to receiving said new position information.

13. A method as in claim 11, further comprising finding, in said database, additional information beyond mapping information, about an area around said local position, and returning said additional information to said cellular telephone.

14. A method as in claim 11, wherein said returning comprises returning first mapping information at a first time centered around a first local position, and returning second mapping information at a second time, centered around a second location, different than the first location.

15. A method as in claim 11, wherein said map information is centered around said current location.

16. A method as in claim 11, wherein said plurality of items of information include at least GPS information and information about at least one base station which is communicating with said cellular telephone.

17. A method as in claim 11, wherein said plurality of items of information include at least information from a local transponder.

18. A method comprising:

providing a cellular telephone having a processor, a location detection part, a display, and a communication part, wherein, said cellular telephone acquires a plurality of items of information representing its current location from said location detection part, and wherein said communication part communicates said plurality of items of information to a remote server, and wherein, said remote server sends current position information to said cellular telephone based on said plurality of items of information, and wherein said cellular telephone displays information relating to its current position.

19. The system as in claim 18 wherein said cellular telephone includes a camera.

20. A system, comprising:

a computer part, receiving a wireless communication from a cellular telephone over a cellular telephone network, at a location that is remote from a first location of said cellular

telephone, said communication including information representing information about said first location;

said computer part looking up information from a database about said first location based on said communication, and returning information indicative of said current location over the cellular telephone network, said information including at least mapping information about said first location, from said database.

21. A system as in claim 20, wherein said computer part receives new information in said server indicating a new position of said cellular telephone, and returns new mapping information from said server over said cellular telephone network to said cellular telephone responsive to receiving said new position information.

22. A system as in claim 20, wherein said computer part finds, in said database, additional information beyond mapping information, about an area around said local position and returns said additional information over said cellular network.

23. A system as in claim 20, wherein said computer part returns a first batch of mapping information at a first time centered around a first local position, and returns a second batch of

mapping information at a second time centered around a second location different than the first location.

24. A system as in claim 20, wherein said computer part returns said mapping information centered around said current location.

25. A system as in claim 20, wherein said computer part receives information about said first location that includes at least GPS information and information about at least one base station which is communicating with said cellular telephone.

26. A system as in claim 20, wherein said computer part obtains and returns a subset of information based on a direction of travel.

27. A system as in claim 20, wherein said computer part receives information about said first location that includes information about at least one base station which is communicating with said cellular telephone as at least one of said items of information.

28. A server in communication with at least one cellular telephone, said cellular telephone receiving GPS data indicative of said cellular telephone’s current location, said server able to receive data from said cellular telephone relating to said

current location, said server further sending mapping data to said cellular telephone wherein said cellular telephone can display said mapping data on a display.

29. A system comprising a cellular telephone network with at least one server in communication with at least one cellular telephone via said cellular network, said server able to receive data from said cellular telephone relating to said cellular telephone's current position, said server providing data from a database to said cellular telephone concerning said current position for display on said cellular telephone.

30. The system as in claim 29, wherein said server further provides information from said database about an area around said current position.

31. A method of providing navigational information to a cellular telephone comprising the steps of:

providing a cellular telephone to a user, said cellular telephone having a housing, a display, a transceiver, an antenna and circuits for at least partially determining said cellular telephone's location;

providing instructions to said user on how to use said cellular telephone for navigation;

providing a navigation server with a navigation database adapted to communicate via a cellular telephone network with said cellular telephone;

receiving information from said cellular telephone relating to said cellular telephone’s location;

retrieving data from said navigation database related an area around said cellular telephone’s location;and

sending said data from said navigation server to said cellular telephone for display on said cellular telephone.

32. The method of claim 31 wherein said data is map data.

33. A method of providing navigational information to a cellular telephone user comprising:

providing said user with a cellular telephone;

instructing said user on using said cellular telephone for navigation;

determining a location of said cellular telephone based on data transmitted from said cellular telephone over a cellular telephone network;

accessing information related to said location from a database;

transmitting said information to said cellular telephone.

34. The method of claim 33 wherein said information is map data.

35. The method of claim 33 wherein said information relates to an area near said cellular telephone.

36. The method of claim 33 further comprising determining whether said cellular telephone is in motion based on data transmitted from said cellular telephone over a cellular telephone network.

Abstract

A privacy enhancement device for electronic device such as a cellular telephone. The privacy enhancement device may include a jammer which may produces false information, e.g. false information indicative of pseudo ranges. In addition, the navigation information used on the position detecting device may be locally stored versions of dynamically changing information. The navigation operation may be carried out using a Web service.

CANCELLED
OIPE JC36
DEC 21 2004
PATENT & TRADEMARK OFFICE

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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

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

[x] is attached hereto.
[] was filed on _____ as Application Serial No. _____ and was amended on _____.
[] was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

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

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

U.S. Serial No.	Filing Date	Status

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 I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
09/690,001	October 16, 2000	Pending

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
			[] Yes [] No
			[] Yes [] No





Attorney's Docket No.: _____

Combined Declaration and Power of Attorney

Address all telephone calls to SCOTT C. HARRIS at telephone number (619) 823-7778.

Address all correspondence to SCOTT C. HARRIS at:

Customer No. 23844
Scott C. Harris
P.O. Box 927649
San Diego, CA 92192-7649

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

Full Name of Inventor: Scott C. Harris

Inventor's Signature: Scott Harris Date: 9/04/01

Residence Address: 3329 Cerros Redondos, Rancho Santa Fe, CA 92067

Citizenship: USA

Post Office Address: P.O. Box 927649, San Diego, CA 92192

PTO/SB/14 (06-07)
Approved for use through 06/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	GPSPrivacyCPDC5
	Application Number	
Title of Invention	Position Privacy in an Electronic Device	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1 Remove

Applicant Authority ◉ Inventor ○ Legal Representative under 35 U.S.C. 117 ○ Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Scott	C.	Harris	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	Rancho Santa Fe	State/Province		Country of Residence [i]	

Citizenship under 37 CFR 1.41(b) [i]: US

Mailing Address of Applicant:

Address 1	PO Box 1389		
Address 2			
City	Rancho Santa Fe	State/Province	CA
Postal Code	92067	Country [i]	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	23844		
Email Address	scott@harrises.com	Add Email	Remove Email

Application Information:

Title of the Invention	Position Privacy in an Electronic Device		
Attorney Docket Number	GPSPrivacyCPDC5	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	4	Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	GPSPrivacyCPDC5
	Application Number	
Title of Invention	Position Privacy in an Electronic Device	

Publication Information:

☐	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐	**Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S. C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recongnition (37 CFR 11.9)
Customer Number	23844		

Domestic Benefit Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	10714096	2003-11-14
Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10714096	Division of	09682600	2001-09-25
Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09682600	Continuation in part of	09690001	2000-10-16

Additional Domestic Priority Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

			Remove
Application Number	Country [i]	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			◉ Yes ○ No

PTO/SB/14 (06-07)
Approved for use through 06/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	GPSPrivacyCPDC5
	Application Number	
Title of Invention	Position Privacy in an Electronic Device	

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Assignee 1 Remove

If the Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information:

Address 1			
Address 2			
City		**State/Province**	
Country [i]		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee Data may be generated within this form by selecting the **Add** button. Add

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Scott C Harris/			Date (YYYY-MM-DD)	2007-07-14
First Name	Scott	Last Name	Harris	Registration Number	32030

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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.**

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal	
Application Number:	
Filing Date:	
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C Harris
Filer:	Scott C. Harris
Attorney Docket Number:	GPSCPDC5
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	16	25	400
Independent claims in excess of 3	2201	3	105	315
Miscellaneous-Filing:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**1150**

Electronic Acknowledgement Receipt	
EFS ID:	2715745
Application Number:	12014093
International Application Number:	
Confirmation Number:	9898
Title of Invention:	Position Privacy in an Electronic Device
First Named Inventor/Applicant Name:	Scott C Harris
Customer Number:	23844
Filer:	Scott C. Harris
Filer Authorized By:	
Attorney Docket Number:	GPSCPDC5
Receipt Date:	14-JAN-2008
Filing Date:	
Time Stamp:	23:57:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1150
RAM confirmation Number	4427
Deposit Account	501387
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) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Specification	gpscpd_speci.pdf	719584 7e78d9d95715050fb52b9fd617947c6c9f1fc01d	no	20
Warnings:					
Information:					
2	Claims	gpscpd5cls.pdf	22934 20148c074aa39126f696435bb82e129ea311edc0	no	10
Warnings:					
Information:					
3	Abstract	gpdcpd_abstract0.pdf	16968 2e3b9ccce2e0134e524589fe267534f3d2f9096b	no	1
Warnings:					
Information:					
4	Oath or Declaration filed	gpscpd_decsigned0.pdf	79863 92cf97e70d8d629c610993211e8eb92eb232000a	no	2
Warnings:					
Information:					
5	Application Data Sheet	GPSCPDC5ADS.pdf	1004701 c78f574c5bfe7c1ecf1a6a4ce9ec4a42f0f841af	no	4
Warnings:					
Information:					
6	Fee Worksheet (PTO-06)	fee-info.pdf	8520 e7e45f83a941d091e30a68b70eed8ab446a4d145	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1852570		

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.

PTO/SB/06 (12-04)

01/14/08

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

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/014,093

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
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), (i), 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))	36 minus 20 =	* 16	X 25=	400	OR	X 50=	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	8 minus 3 =	* 5	X 105=	525		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 $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						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			N/A			N/A	
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	1360		TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDI-TIONAL FEE ($)		RATE ($)	ADDI-TIONAL FEE ($)
AMENDMENT A	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))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T FEE	

		(Column 1)		(Column 2)	(Column 3)			OR		
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDI-TIONAL FEE ($)		RATE ($)	ADDI-TIONAL FEE ($)
AMENDMENT B	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))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL 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.**

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