AO 120 (Rev 08/10)

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

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

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

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
24-cv-01232	3/4/2024	Northern District of California

PLAINTIFF	DEFENDANT
TJTM Technologies, LLC	Google LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	8,958,853	2/17/2015	TJTM Technologies, LLC. See attached complaint and exhibits.
2			
3			
4			
5			

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

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

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

GOOGLE EXHIBIT 1010

AO 120 (Rev 08/10)

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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
14/515,477	10/15/2014	Nick Bovis	1328-003

CONFIRMATION NO. 5833

IMPROPER CPOA LETTER

88360
Richards Patent Law P.C.
20 N Clark Street
Suite 3300
Chicago, IL 60602

OC000000067170001

Date Mailed: 01/22/2024

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the power of attorney filed 01/04/2024. The power of attorney in this application is not accepted for the reason(s) listed below:

- The person signing for the assignee has omitted their empowerment to sign on behalf of the assignee.

/jfgerrety/

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

93613
SCHERRER PATENT & TRADEMARK LAW P.C.
17 E. CRYSTAL LAKE AVE
CRYSTAL LAKE, IL 60014
UNITED STATES

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
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CONFIRMATION NO. 5833

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88360
Richards Patent Law P.C.
20 N Clark Street
Suite 3300
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/jfgerrety/

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

93613
SCHERRER PATENT & TRADEMARK LAW P.C.
17 E. CRYSTAL LAKE AVE
CRYSTAL LAKE, IL 60014
UNITED STATES

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
14/515,477	01/04/2024 03:00:00 PM Z ET	1328-003

Title of Invention

MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	8958853
CONFIRMATION #	5833	FILED BY	Stephen Scherrer
PATENT CENTER #	63840012	AUTHORIZED BY	-
CUSTOMER #	88360	FILING DATE	10/15/2014
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Nick Bovis

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 0438	E202414F00255641	Stephen Scherrer

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
2552	MAINTENANCE FEE DUE AT 7.5 YEARS	1504.00	1	1504.00
2558	PETITION FOR THE DELAYED PAYMENT OF THE FEE FOR MAINTAINING A PATENT IN FORCE	840.00	1	840.00
			TOTAL AMOUNT:	$2,344.00

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 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

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

GRANT LETTER

APPLICATION #	DECISION DATE	DECISION ON PETITION #	ATTORNEY DOCKET NUMBER
14/515,477	01/04/2024	UNDER CFR 1.378(b)	1328-003

Title of Invention

MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

In re Patent # 8958853
Issue date: 02/17/2015
Filing date: 10/15/2014

This is an electronic decision on the petition under 37 CFR 1.378(b), filed January 04, 2024 to accept unintentional delayed payment of the 7.5 year maintenance fee for the above-identified patent.

The petition is **GRANTED.**

The maintenance fee is accepted, and the above-identified patent reinstated as of January 04, 2024. This decision also constitutes notice that the fee has been accepted. An electronic copy of the petition and this decision has been created as an entry in the Image File Wrapper. Nevertheless, petitions should print and retain an independent copy.

Telephone inquiries concerning this decision should be directed to the Patent Electronic Business Center (EBC) at 866-217-9197.

Office of Petitions

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
14/515,477	**01/04/2024 03:00:00 PM Z ET**	**1328-003**

Title of Invention

MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	8958853
CONFIRMATION #	5833	FILED BY	Stephen Scherrer
PATENT CENTER #	63840012	FILING DATE	10/15/2014
CUSTOMER #	88360	FIRST NAMED INVENTOR	Nick Bovis
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
petition-request.pdf	2	ePetition Request Form	30 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
petition-request.pdf	39E51E0D8796A3EA30746C5EA4FF6024CEE3F9CDA9CB8F49 FF4A1976E2D0990C7A34395FFAFD50BEDACAC3A78A6DBC19 0BB3B717C8557D6A10FFCAA01A6EF831

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

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UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

PETITON TO ACCEPT UNINTENTIONAL DELAYED PAYMENT OF MAINTENANCE FEE (37 CFR 1.378(b))

APPLICATION #	FIRST NAMED INVENTOR	ATTORNEY DOCKET #	FILING DATE
14515477	Nick Bovis	1328-003	10/15/2014

Title of Invention

MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

In re Patent #: 8958853

Issue date: 02/17/2015}

The delay in the payment of the maintenance fee to the above-identified patent was unintentional.

PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED

(1) Petition fee under 37 CFR 1.17(m) is attached

Applicant claims the following entity status
Small

(2) Statement
The delay in the payment of the maintenance fee to this patent was unintentional

- Petitioner(s) is reminded that a delay resulting from a deliberately chosen course of action or a change in circumstance is not an unintentional delay.

- Petitioner(s) is further reminded that a person seeking reinstatement of an expired patent should not make a statement that the delay in payment of the maintenance fee was unintentional unless the entire delay was unintentional, including the period from discovery that the maintenance fee was not timely paid until payment of the maintenance fee. For example, a statement that the delay in payment of the maintenance fee was unintentional would not be proper when the patentee becomes aware of an unintentional failure to timely pay the maintenance fee and then intentionally delays filing a petition for reinstatement of the patent under 37 CFR 1.378. See MPEP 2590.

NOTE: Where the petition under 37 CFR 1.378 is filed more than two years after the date the patent expired for nonpayment of

the maintenance fee, the United States Patent and Trademark Office requires an additional explanation of the circumstances surrounding the delay that establishes the entire delay was unintentional. This requirement is in addition to the requirement to provide a statement that the entire delay was unintentional. See Clarification of the Practice for Requiring Additional Information in Petitions Filed in Patent Applications and Patents Based on Unintentional Delay, 85 FR 12222 (March 2, 2020). See MPEP 711.03(c)(II)(C)-(F) for additional guidance on the information required to establish that the entire delay was unintentional.

Signature

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

Signature	Name	Registration #
/Stephen T. Scherrer/	Stephen Scherrer	45080

PETAUTO SB64.0

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
14/515,477	**01/04/2024 02:57:41 PM Z ET**	**1328-003**

Title of Invention

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CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
aia0081a_Signed.pdf	1	Power of Attorney	496 KB
aia0096.pdf	3	Assignee showing of ownership per 37 CFR 3.73	797 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
aia0081a_Signed.pdf	13345767929D2FC2963A367753E55074267173AF04FF5C9290F 0197D35D7AA44C025348157DC501206B03D002B518C07CEAC 738002D12E145062E97A7E10E89C

aia0096.pdf

E5D8DFBBD91ADCD907992E166A0A9B61E971BAE622BABB72
03050B3DAA38D28E7846084D27FE2B4378E88A4D3A00FD243
7F97C016E79F434A16ADAE8DD48DB9E

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PTO/AIA/96 (11-23)
Approved for use through 05/31/2024. OMB 0651-0031
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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.

STATEMENT UNDER 37 CFR 3.73(c)

First Named Inventor/Patent Owner: TJTM Technologies, LLC

Application No./Patent No.: 5,958,853 Filed/Issue Date: February 17, 2015

Titled: Mobile Device Inactive Mode and Inactive Mode Verification

TJTM Technologies, LLC, a limited liability company

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☑ The assignee of the entire right, title, and interest.

2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):

   ☐ The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.

   ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (*e.g.*, bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

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 for which a copy thereof is attached*.

B. ☑ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

   1. From: Nick Bovis To: SMTM Technologies, LLC

      The document was recorded in the United States Patent and Trademark Office at Reel 035682, Frame 0239, or for which a copy thereof is attached*.

   2. From: SMTM Technologies, LLC To: TJTM Technologies, LLC

      The document was recorded in the United States Patent and Trademark Office at Reel 058486, Frame 0736, or for which a copy thereof is attached*.

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995, unless the information collection has a currently valid OMB Control Number. The OMB Control Number for this information collection is 0651-0031. Public burden for this form is estimated to average 12 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Chief Administrative Officer, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 or email InformationCollection@uspto.gov. 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/AIA/96 (11-23)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached*.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached*.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached*.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached*.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☑ *As required by 37 CFR 3.73(c)(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 authorized to act on behalf of the assignee.

/Stephen T. Scherrer/	January 4, 2024
Signature	Date
Stephen T. Scherrer	45080
Printed or Typed Name	Title or Registration 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. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013). https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf

Routine uses of the information in this record may include disclosure to:

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4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;

5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;

6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;

7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;

8) 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));

9) the Office of Personnel Management (OPM) for personnel research purposes; and

10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

PTO/AIA/81A (02-15)
Approved for use through 03/31/2021. OMB 0651-0035
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PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Patent Number	8958853
Issue Date	02/17/2015
First Named Inventor	Bovis
Title	Mobile Device Inactive Mode and Inactive Mode Verification
Attorney Docket No.	BOV-008

I hereby revoke all previous powers of attorney given in the above-identified patent.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the Customer Number identified in the box at right as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: 93613

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

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OR

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City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Applicant.

OR

☒ Patent owner.

Statement under 37 CFR 3.73(c) (Form PTO/AIA/96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Patent Owner

Signature	/N. Bovis/	Date	1-9-2024
Name	Nick Bovis	Telephone	415-710-9524
Title and Company	Managing Partner - TJTM Technologies, LLC		

NOTE: Signatures of all the applicants or patent owners of the entire interest or their representative(s) are required. If more than one signature is required, submit multiple forms, check the box below, and identify the total number of forms submitted in the blank below.

☐ A total of _____ forms are submitted.

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 update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 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.**

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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/515,477	10/15/2014	Nick Bovis	1328-003

CONFIRMATION NO. 5833

88360
Richards Patent Law P.C.
233 S. Wacker Dr., 84th Floor
Chicago, IL 60606

PUBLICATION NOTICE

OC00000073101916

Title:MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

Publication No.US-2015-0031418-A1
Publication Date:01/29/2015

NOTICE OF PUBLICATION OF APPLICATION

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

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

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

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

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

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

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P.O. Box 1450
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www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/515,477	02/17/2015	8958853	1328-003	5833

88360 7590 01/27/2015

Richards Patent Law P.C.
233 S. Wacker Dr., 84th Floor
Chicago, IL 60606

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 0 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):

Nick Bovis, San Francisco, CA;

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88360 7590 12/29/2014
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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.

Patrick Richards	(Depositor's name)
Patrick O. Richards	(Signature)
12/31/14	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/515,477	10/15/2014	Nick Bovis	1328-003	5833

TITLE OF INVENTION: MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$240	$0	$0	$240	03/30/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
AJAYI, JOEL	2646	455-569200

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 Richards Patent Law
2 P.C.
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 .....

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- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
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- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

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

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

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

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

Authorized Signature Patrick O. Richards Date 12/31/14
Typed or printed name Patrick Richards Registration No. 48905

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

Electronic Patent Application Fee Transmittal

Application Number:	14515477
Filing Date:	15-Oct-2014
Title of Invention:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
First Named Inventor/Applicant Name:	Nick Bovis
Filer:	Patrick Duffy Richards
Attorney Docket Number:	1328-003

Filed as Micro Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Issue Fee	3501	1	240	240

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**240**

Electronic Acknowledgement Receipt

EFS ID:	21097759
Application Number:	14515477
International Application Number:	
Confirmation Number:	5833
Title of Invention:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
First Named Inventor/Applicant Name:	Nick Bovis
Customer Number:	88360
Filer:	Patrick Duffy Richards
Filer Authorized By:	
Attorney Docket Number:	1328-003
Receipt Date:	31-DEC-2014
Filing Date:	15-OCT-2014
Time Stamp:	11:56:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$240
RAM confirmation Number	132
Deposit Account	505178
Authorized User	

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	transmittal.pdf	160647 b5b0◆aa2◆1◆3b0186◆9a38ca◆63491690◆4e01f8	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	29913 e15004a92200e45e4b7f◆9b12b3411a23◆a78f34	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	190560		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

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Patrick Richards	(Depositor's name)
Patrick O. Richards	(Signature)
12/31/14	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/515,477	10/15/2014	Nick Bovis	1328-003	5833

TITLE OF INVENTION: MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$240	$0	$0	$240	03/30/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
AJAYI, JOEL	2646	455-569200

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 Richards Patent Law
2 P.C.
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(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 .....

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- ☐ A check is enclosed.
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- ☒ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 505178 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

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

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

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

Authorized Signature Patrick O. Richards Date 12/31/14
Typed or printed name Patrick Richards Registration No. 48905

01/02/2015 INTEFSW 00000132 14515477 240.00 DA
01 FC:3501

UNITED STATES PATENT AND TRADEMARK OFFICE

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NOTICE OF ALLOWANCE AND FEE(S) DUE

88360 7590 12/29/2014

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Chicago, IL 60606

EXAMINER
AJAYI, JOEL

ART UNIT	PAPER NUMBER
2646	

DATE MAILED: 12/29/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/515,477	10/15/2014	Nick Bovis	1328-003	5833

TITLE OF INVENTION: MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$240	$0	$0	$240	03/30/2015

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.

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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.
14/515,477	10/15/2014	Nick Bovis	1328-003	5833

TITLE OF INVENTION: MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$240	$0	$0	$240	03/30/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
AJAYI, JOEL	2646	455-569200

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

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/515,477	10/15/2014	Nick Bovis	1328-003	5833

88360 7590 12/29/2014

Richards Patent Law P.C.
233 S. Wacker Dr., 84th Floor
Chicago, IL 60606

EXAMINER	
AJAYI, JOEL	

ART UNIT	PAPER NUMBER
2646	

DATE MAILED: 12/29/2014

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

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

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

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

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

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

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

Privacy Act Statement

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

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

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

Notice of Allowability	Application No. 14/515,477	Applicant(s) BOVIS, NICK	
	Examiner JOEL AJAYI	Art Unit 2646	AIA (First Inventor to File) Status Yes

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

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

1. ☒ This communication is responsive to *the communication received on October 15, 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 *1-3, 5-10 (the claims have been renumbered 1-9 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 *12/1/2014 .*
5. ☒ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/JOEL AJAYI/
Primary Examiner, Art Unit 2646

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

DETAILED ACTION

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 Patrick Richards (Reg. No. 48,905) on December 08, 2014.

The application has been amended as follows:

1. (currently amended) A mobile device, comprising:

a wireless communication module;

a processor, controlling the wireless communication module; and

a memory controlled by the processor, the memory including instructions that when executed by the processor cause ~~it~~ the processor to perform the steps of:

providing a graphical user interface through which a user customizes one or more functions of the mobile device when placed in an inactive mode;

receiving a user selection to automatically ~~enter~~ initiate the inactive mode in response to the pairing of the mobile device with a vehicle ~~second device~~;

receiving a user selection of an away message to use when the mobile device is in inactive mode;

in response to the pairing of the mobile device and the vehicle ~~second device~~, automatically initiating a process to place ~~placing~~ the mobile device in inactive mode;

when the mobile device is in inactive mode, in response to receiving a communication from [[a]] the wireless communication module, transmitting the user selected away message via the wireless module and suppressing one or more sound, visual, or vibration communication cues that would have accompanied the communication had the mobile device not been in inactive mode.

2. (currently amended) The mobile device of claim 1 wherein the memory further includes instructions that when executed by the processor cause it to perform the step of:

when the mobile device is in inactive mode, in response to receiving the communication from the wireless communication module, suppressing ~~any~~ all sound, visual, and vibration communication cues that would have accompanied the communication had the mobile device not been in inactive mode.

4. (cancelled)

Conclusion

Any response to this Office Action should be **faxed to** (571) 273-8300 **or mailed to**:

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

Hand-delivered responses should be brought to

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

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Joel Ajayi whose telephone number is (571) 270-1091. The Examiner can normally be reached on Monday-Friday from 7:30am to 5:00pm.

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) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

/JOEL AJAYI/

Primary Examiner, Art Unit 2646

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	14/515,477	BOVIS, NICK	
	Examiner	Art Unit	
	JOEL AJAYI	2646	

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

(1) *JOEL AJAYI.* (3)____.

(2) *PATRICK RICHARDS.* (4)____.

Date of Interview: *01 December 2014.*

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

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

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

Claim(s) discussed: *1.*

Identification of prior art discussed: *Cai and Bauchot.*

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

Applicant needs to highlight the novel aspect of the invention.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

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

☐ Attachment

/JOEL AJAYI/ Primary Examiner, Art Unit 2646	

Notice of References Cited	Application/Control No. 14/515,477	Applicant(s)/Patent Under Reexamination BOVIS, NICK	
	Examiner JOEL AJAYI	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-2011/0039581	02-2011	Cai et al.	455/456.4
*	B	US-2005/0119002	06-2005	Bauchot et al.	455/441
	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.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14515477	BOVIS, NICK
	Examiner	**Art Unit**
	JOEL AJAYI	2646

CPC						
Symbol					**Type**	**Version**
H04M		1	/	72552	F	2013-01-01
H04M		1	/	72577	I	2013-01-01
H04W		4	/	14	I	2013-01-01
H04M		3	/	42374	I	2013-01-01
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 9	
/JOEL AJAYI/ Primary Examiner.Art Unit 2646 (Primary Examiner)	12/12/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14515477	BOVIS, NICK
	Examiner	**Art Unit**
	JOEL AJAYI	2646

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION										
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED					
455	569.2	H	0	4	M	1 / 00						

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	9	
/JOEL AJAYI/ Primary Examiner.Art Unit 2646	12/12/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14515477	BOVIS, NICK
	Examiner	**Art Unit**
	JOEL AJAYI	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														
2	2														
3	3														
-	4														
4	5														
5	6														
6	7														
7	8														
8	9														
9	10														

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 9	
/JOEL AJAYI/ Primary Examiner.Art Unit 2646 (Primary Examiner)	12/12/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(((in$active or off or shut) near3 ((wireless or mobile) near3 (device or station or terminal))) same (vehicle or car or automobile) same ((transmi$6 or send$4) near3 message) same ((supress$4 or stop or block) near3 (sound or rint$tone or tact$4 or vibrat$4 or visual or color or flash))) and 455/569.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/12 23:07
L2	0	(((in$active or off or shut) near3 ((wireless or mobile) near3 (device or station or terminal))) and (vehicle or car or automobile) and ((transmi$6 or send$4) near3 message) and ((supress$4 or stop or block) near3 (sound or rint$tone or tact$4 or vibrat$4 or visual or color or flash))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/12 23:19
S1	34	in$active same ((wireless or mobile) near3 (device or station or terminal)) same (vehicle or car or automobile) same message same (sound or rint$tone or tact$4 or vibrat$4 or visual or color or flash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/08 12:40
S2	14	in$active same ((wireless or mobile) near3 (device or station or terminal)) same (vehicle or car or automobile) same ((transmi$6 or send$4) near3 message) same (sound or rint$tone or tact$4 or vibrat$4 or visual or color or flash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/08 12:45
S3	0	((in$active or off or shut) near3 ((wireless or mobile) near3 (device or station or terminal))) same (vehicle or car or automobile) same ((transmi$6 or send$4) near3 message) same ((supress$4 or stop or block) near3 (sound or rint$tone or tact$4 or vibrat$4 or visual or color or flash))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/08 12:47
S4	0	(((in$active or off or shut) near3 ((wireless or mobile) near3 (device or station or terminal))) and (vehicle or car or automobile) and ((transmi$6 or send$4) near3 message) and ((supress$4 or stop or block) near3 (sound or rint$tone or tact$4 or vibrat$4 or visual or color or flash))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/08 12:49

12/12/2014 11:29:24 PM
C:\Users\jajayi\Documents\EAST\Workspaces\Mobile Device Inactive Mode (14515477).wsp

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Alexandria, Virginia 22313-1450
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BIB DATA SHEET

CONFIRMATION NO. 5833

SERIAL NUMBER	FILING or 371(c) DATE / RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
14/515,477	10/15/2014	455	2646	1328-003

APPLICANTS

INVENTORS

Nick Bovis, San Francisco, CA;

**** CONTINUING DATA ***************************

This application is a CON of 14/176,107 02/09/2014
which claims benefit of 61/835,234 06/14/2013

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** MICRO ENTITY **
10/22/2014

Foreign Priority claimed	35 USC 119(a-d) conditions met	Verified and Acknowledged	Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ Yes ☑ No	☐ Yes ☑ No	/JOEL AJAYI/ Examiner's Signature	☐ JA Initials	CA	10	10	1

ADDRESS

Richards Patent Law P.C.
233 S. Wacker Dr., 84th Floor
Chicago, IL 60606
UNITED STATES

TITLE

MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

FILING FEE RECEIVED		
400	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

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	14515477
Filing Date	2014-10-15
First Named Inventor	Nick Bovis
Art Unit	~~2642~~ 2646
Examiner Name	Joel Ajayi
Attorney Docket Number	1328-003

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					

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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							☐

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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. /J.A./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14515477
	Filing Date	2014-10-15
	First Named Inventor	Nick Bovis
	Art Unit	~~2642~~ 2646
	Examiner Name	Joel Ajayi
	Attorney Docket Number	1328-003

	1	LAYBORN, Announcing our Third Windows Phone 8 Update--Plus a New Developer Preview Program, Blogging Windows, October 14, 2013, http://blogs.windows.com/bloggingwindows/2013/10/14/announcing-our-third-windows-phone-8-update-plus-a-new-developer-preview-program/	☐
	2	TUE, Stay Safe with Windows Phone Driving Mode, Microsoft Conversations, January 21, 2014, http://conversations.nokia.com/2014/01/21/stay-safe-windows-phone-driving-mode/	☐
	3	Nokia Lumia 1520 -- Set Your Phone to Driving Mode, Microsoft, http://www.microsoft.com/en-us/mobile/support/product/lumia1520/userguidance/?action=singleTopic&topic=GUID-9E1144DE-0101-4108-BFED-DF22C1B31E4C	☐

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EXAMINER SIGNATURE

Examiner Signature	/Joel Ajayi/	Date Considered	12/12/2014

*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.

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	Examiner Name	Joel Ajayi
	Attorney Docket Number	1328-003

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		Date (YYYY-MM-DD)	
Name/Print		Registration Number	

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.**

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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.

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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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.A./

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14515477	BOVIS, NICK
	Examiner	**Art Unit**
	JOEL AJAYI	2646

✓	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	12/12/2014								
1	1	=								
2	2	=								
3	3	=								
-	4	-								
4	5	=								
5	6	=								
6	7	=								
7	8	=								
8	9	=								
9	10	=								

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14515477	BOVIS, NICK
	Examiner	Art Unit
	JOEL AJAYI	2646

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	569.2	12/12/2014	JA

SEARCH NOTES		
Search Notes	Date	Examiner
EAST Image and keyword search in USPAT, US-PGPUB, DERWENT, EPO, JPO, and IBM_TDB (see attached search strategy).	12/08/2014	JA
Updated previous search.	12/12/2014	JA

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
Interference search printout.		12/12/2014	JA

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Richards Patent Law P.C.
233 S. Wacker Dr., 84th Floor
Chicago IL 60606

MAILED
OCT 27 2014
OFFICE OF PETITIONS

Doc Code: TRACK1.GRANT

Decision Granting Request for Prioritized Examination (Track I or After RCE)	Application No.: 14/515,477

1. THE REQUEST FILED October 15, 2014 IS **GRANTED.**

The above-identified application has met the requirements for prioritized examination
- A. ☒ for an original nonprovisional application (Track I).
- B. ☐ for an application undergoing continued examination (RCE).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

- A. filing a **petition for extension of time** to extend the time period for filing a reply;
- B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims,** or a multiple dependent claim;
- C. filing a **request for continued examination**;
- D. filing a notice of appeal;
- E. filing a request for suspension of action;
- F. mailing of a notice of allowance;
- G. mailing of a final Office action;
- H. completion of examination as defined in 37 CFR 41.102; or
- I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to Brian W. Brown at 571-272-5338.

/Brian W. Brown/
[*Signature*]

Petitions Examiner, Office of Petitions
(Title)

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
14/515,477	10/15/2014	2642	400	1328-003	10	1

CONFIRMATION NO. 5833

88360
Richards Patent Law P.C.
233 S. Wacker Dr., 84th Floor
Chicago, IL 60606

FILING RECEIPT

OC000000071490671

Date Mailed: 10/24/2014

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

Inventor(s)

Nick Bovis, San Francisco, CA;

Applicant(s)

Nick Bovis, San Francisco, CA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 14/176,107 02/09/2014
which claims benefit of 61/835,234 06/14/2013

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

Permission to Access - A proper **Authorization to Permit Access to Application by Participating Offices** (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 10/22/2014
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/515,477**
Projected Publication Date: 01/29/2015
Non-Publication Request: No
Early Publication Request: No
** **MICRO ENTITY** **

Title

MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

Preliminary Class

455

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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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.

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

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

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

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Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 14/515,477

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	70
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	150
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	180
TOTAL CLAIMS (37 CFR 1.16(i))	10 minus 20 =	*			OR	x 20 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*				x 105 =	0.00
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).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	400

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
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))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
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))							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 found in the appropriate box in column 1.

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
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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.

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Art Unit	2642
Examiner Name	
Attorney Docket Number	1328-003

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					

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	1					

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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							☐

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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]

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	1	LAYBORN, Announcing our Third Windows Phone 8 Update--Plus a New Developer Preview Program, Blogging Windows, October 14, 2013, http://blogs.windows.com/bloggingwindows/2013/10/14/announcing-our-third-windows-phone-8-update-plus-a-new-developer-preview-program/	☐
	2	TUE, Stay Safe with Windows Phone Driving Mode, Microsoft Conversations, January 21, 2014, http://conversations.nokia.com/2014/01/21/stay-safe-windows-phone-driving-mode/	☐
	3	Nokia Lumia 1520 -- Set Your Phone to Driving Mode, Microsoft, http://www.microsoft.com/en-us/mobile/support/product/lumia1520/userguidance/?action=singleTopic&topic=GUID-9E1144DE-0101-4108-BFED-DF22C1B31E4C	☐

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	

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Signature		Date (YYYY-MM-DD)	
Name/Print		Registration Number	

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:	20482183
Application Number:	14515477
International Application Number:	
Confirmation Number:	5833
Title of Invention:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
First Named Inventor/Applicant Name:	Nick Bovis
Customer Number:	88360
Filer:	Patrick Duffy Richards
Filer Authorized By:	
Attorney Docket Number:	1328-003
Receipt Date:	22-OCT-2014
Filing Date:	
Time Stamp:	10:47:23
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) Form (SB08)	NickBovisIDS.pdf	612620 5dea1dcaddfef35733d43c5e1ee227e0c352ef44	no	4

Warnings:	
Information:	

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

Total Files Size (in bytes):	612620

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/AIA/15 (03-13)
Approved for use through 01/31/2014. 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

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1328-003
First Named Inventor	Nick Bovis
Title	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. [✔] **Fee Transmittal Form** (PTO/SB/17 or equivalent)
2. [✔] **Applicant asserts small entity status.** See 37 CFR 1.27
3. [✔] **Applicant certifies micro entity status.** See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.
4. [✔] **Specification** [*Total Pages* 24] Both the claims and abstract must start on a new page. *(See MPEP § 608.01(a) for information on the preferred arrangement)*
5. [✔] **Drawing(s)** (35 U.S.C. 113) [*Total Sheets* 10]
6. **Inventor's Oath or Declaration** [*Total Pages* 1] *(including substitute statements under 37 CFR 1.64 and assignments serving as an oath or declaration under 37 CFR 1.63(e))*
   a. [✔] Newly executed (original or copy)
   b. [ ] A copy from a prior application (37 CFR 1.63(d))
7. [✔] **Application Data Sheet** ** See note below.* See 37 CFR 1.76 (PTO/AIA/14 or equivalent)
8. **CD-ROM or CD-R** in duplicate, large table, or Computer Program (*Appendix*)
   [ ] Landscape Table on CD
9. **Nucleotide and/or Amino Acid Sequence Submission** (*if applicable, items a. – c. are required*)
   a. [ ] Computer Readable Form (CRF)
   b. [ ] Specification Sequence Listing on:
      i. [ ] CD-ROM or CD-R (2 copies); or
      ii. [ ] Paper
   c. [ ] Statements verifying identity of above copies

ADDRESS TO:

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

ACCOMPANYING APPLICATION PAPERS

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

***Note**: (1) Benefit claims under 37 CFR 1.78 and foreign priority claims under 1.55 **must** be included in an Application Data Sheet (ADS).
(2) For applications filed under 35 U.S.C. 111, the application must contain an ADS specifying the applicant if the applicant is an assignee, person to whom the inventor is under an obligation to assign, or person who otherwise shows sufficient proprietary interest in the matter. See 37 CFR 1.46(b).

19. CORRESPONDENCE ADDRESS

[✔] The address associated with Customer Number: 88360 **OR** [ ] Correspondence address below

Name					
Address					
City		State		Zip Code	
Country		Telephone		Email	

Signature	/Patrick D. Richards/	Date	2014-10-15
Name (Print/Type)	Patrick Richards	Registration No. (Attorney/Agent)	48905

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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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).
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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.
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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.

Doc Code: MES.GIB
Document Description: Certification of Micro Entity Status (Gross Income Basis)

PTO/SB/15A (03-13)

CERTIFICATION OF MICRO ENTITY STATUS
(GROSS INCOME BASIS)

Application Number or Control Number (if applicable):	Patent Number (if applicable):
First Named Inventor: Nick Bovis	Title of Invention: MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

The applicant hereby certifies the following—

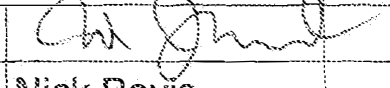
(1) **SMALL ENTITY REQUIREMENT** - The applicant qualifies as a small entity as defined in 37 CFR 1.27.

(2) **APPLICATION FILING LIMIT** - Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights or is obligated to assign all ownership rights as a result of the applicant's previous employment.

(3) **GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS** - Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the "Maximum Qualifying Gross Income" reported on the USPTO website at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

(4) **GROSS INCOME LIMIT ON PARTIES WITH AN "OWNERSHIP INTEREST"** - Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the "Maximum Qualifying Gross Income" reported on the USPTO website at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

SIGNATURE by a party set forth in 37 CFR 1.33(b)

Signature					
Name	Nick Bovis				
Date	2-5-2014	Telephone	415-710-9524	Registration No.	

☐ There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. Additional certification form(s) signed by the other joint inventor(s) are included with this form.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [x] The attached application, or
- [ ] United States application or PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Nick Bovis Date (Optional): _____

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

Doc Code: TRACK1.REQ
Document Description: **TrackOne Request**

PTO/AIA/424 (04-14)

CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION UNDER 37 CFR 1.102(e) (Page 1 of 1)

First Named Inventor:	Nick Bovis	Nonprovisional Application Number (if known):	
Title of Invention:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION		

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

1. The processing fee set forth in 37 CFR 1.17(i)(1) and the prioritized examination fee set forth in 37 CFR 1.17(c) have been filed with the request. The publication fee requirement is met because that fee, set forth in 37 CFR 1.18(d), is currently $0. The basic filing fee, search fee, and examination fee are filed with the request or have been already been paid. I understand that any required excess claims fees or application size fee must be paid for the application.

2. I understand that the application may not contain, or be amended to contain, more than four independent claims, more than thirty total claims, or any multiple dependent claims, and that any request for an extension of time will cause an outstanding Track I request to be dismissed.

3. The applicable box is checked below:

I. ☑ **Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)**

i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.

---OR---

(b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.

ii. An executed inventor's oath or declaration under 37 CFR 1.63 or 37 CFR 1.64 for each inventor, **or** the application data sheet meeting the conditions specified in 37 CFR 1.53(f)(3)(i) is filed with the application.

II. ☐ **Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)**

i. A request for continued examination has been filed with, or prior to, this form.
ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

Signature /Patrick D. Richards/	Date 2014-10-15
Name (Print/Typed) Patrick Richards	Practitioner Registration Number 48905

Note: *This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required.**

☐ *Total of _____ forms are submitted.

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.

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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)).
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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:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
First Named Inventor/Applicant Name:	Nick Bovis
Filer:	Patrick Duffy Richards
Attorney Docket Number:	1328-003

Filed as Micro Entity

Track I Prioritized Examination - Nonprovisional Application under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
BASIC UTILITY PATENT FILING FEE-MCRO-ENT	3011	1	70	70
Utility Search Fee	3111	1	150	150
Utility Examination Fee	3311	1	180	180
Request for Prioritized Examination	3817	1	1000	1000
Pages:				
Claims:				
Miscellaneous-Filing:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0
PROCESSING FEE, EXCEPT PROV. APPLS	3830	1	35	35
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1435**

Electronic Acknowledgement Receipt

EFS ID:	20428779
Application Number:	14515477
International Application Number:	
Confirmation Number:	5833
Title of Invention:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
First Named Inventor/Applicant Name:	Nick Bovis
Customer Number:	88360
Filer:	Patrick Duffy Richards
Filer Authorized By:	
Attorney Docket Number:	1328-003
Receipt Date:	15-OCT-2014
Filing Date:	
Time Stamp:	21:59:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1435
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1	Specification	Specification.pdf	161823 c5766998413be◆7ba68eee2a3328aa889aeb59e9	no	24
Warnings:					
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2	Application Data Sheet	aia0014.pdf	1560937 66cb6e4e542095651afff8feca◆295280be3949a	no	7
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3	Drawings-only black and white line drawings	Drawings.pdf	278586 e1807a4fff46eb46◆1365◆0f288f1787585b981c	no	10
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MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION

Cross-Reference to Related Applications

[0001] This application incorporates by reference and claims priority to U.S. Non-provisional Application No. 14/176,107 filed February 9th, 2014 and to U.S. Provisional Application No. 61/835,234 filed June 14, 2013.

Background of the Invention

[0002] The present subject matter relates generally to a mobile device including functionality for suppressing user notifications of communications received by the mobile device and notifying the sender of the communication that the user is not receiving communications. Further, the present subject matter relates generally to systems and methods for verifying that a user was not receiving communications during a particular period of time.

[0003] User distraction caused by mobile devices has become a serious problem in modern society. For example, motor vehicle accidents caused by distracted driving are on the rise and have become as serious as driving while intoxicated. Many drivers are aware of the risks of distracted driving but may lack the resolve to avoid trying to respond to incoming communications. One previous solution was to power down the mobile device while driving, however, this is inconvenient and easy to forget to initiate. Further, powering down the device may block access to urgent communications that may need to be received. What are needed are mechanisms to limit user communication distractions without forcing the user to power down a mobile device and miss essential communications.

[0004] Further, the proliferation of accidents cause by distracted driving has created a need to prove that one was not operating a communications device during operation of a vehicle. What are needed are mechanisms to show that a user was not using a communications device during an accident while operating a vehicle.

[0005] Accordingly, there is a need for a mobile device including functionality for

suppressing communications to a user and systems for verifying that a user was not receiving communications during a particular period of time, as described herein.

Brief Summary of the Invention

[0006] To meet the needs described above and others, the present disclosure provides a mobile device including functionality for suppressing communications to a user and systems for verifying that a user was not receiving communications during a particular period of time.

[0007] As used herein, a communication may include a mobile device call, SMS text message, email, application notification, etc. A sender includes an individual sending the communication.

[0008] An inactive mode for a mobile device as disclosed herein may be implemented using stored instructions that implement the functionality disclosed herein. In a preferred embodiment, the stored instructions may be provided in the form of a mobile device application. A user may install the mobile device application through a mobile device application online store.

[0009] A user may enable an inactive mode of the device to suppress notification of incoming phone calls, text, emails, etc. and automatically notify the sender with an away message. By suppressing the communications distracted driving may be reduced. One drawback, however, is that senders may feel upset that they are not being answered when the sender is expecting the user to reply. Thus, in order to reassure senders that they will receive a response at the earliest convenient opportunity, the mobile device permits the user to send an away message upon receipt of a communication.

[0010] Further, the device may communicate with a certification server to "certify" that a mobile device was not operational during a certain period as evidence that the phone was not used during driving. By enabling a user to show that he or she did not use mobile

device during operation of a vehicle, he or she may be able to qualify for discounts from an insurance company or may be able to show he or she was not at fault in an accident. Further, parents may use such records to verify that teenage drivers are not being distracted by their mobile device.

[0011] In an embodiment, a method carried out by a mobile device to provide for an inactive mode and thus prevent distracted driving includes the steps of: placing the mobile device in inactive mode; detecting one or more incoming communications; suppressing notification of the user of the one or more incoming communications; transmitting an away message to one or more senders of the one or more communications; and notifying the user of missed communications upon completion of the inactive mode.

[0012] The method begins when the mobile device is placed in inactive mode. The inactive mode may be activated by many different mechanisms. For example, a user may press a button to begin the inactive mode. Alternatively, a user may schedule a time period during which the mobile device is automatically in inactive mode. Even further, inactive mode may be automatically initiated upon the use of a driving directions functionality of the mobile device. Yet even further, the inactive mode may be automatically initiated upon the pairing of the mobile device and a vehicle. Moreover, inactive mode may be activated by a remote user, for example, to enable parents to limit distracted driving by teenagers. Additionally, the inactive mode may be activated by the mobile device detecting a particular location using GPS, such as a gym or school, where inactive mode is routinely activated. It is contemplated that any input that indicates that the user is not to be distracted may be used to place the device in inactive mode, as will be understood by those of skill in the art.

[0013] While in inactive mode, the mobile device will detect incoming communications. When inactive mode functionality is provided as a mobile application, the mobile application may register with the operating system of the mobile device to receive a

notification upon a communication event, such as a mobile call, SMS message, or email. Upon receipt of notification of the incoming communication, the mobile application may capture contact information of the sender, such as phone number or email address.

[0014] In addition to suppressing communications, inactive mode may restrict the user's use of the mobile device. For example, the user of the mobile device may be restricted from accessing a web browser on the mobile device. Inactive mode may restrict all use of the mobile device or may permit only selective access to needed functionality. For example, when driving, mapping and navigation functionality may remain accessible.

[0015] It is contemplated that the user may customize the allowed functionality during inactive mode. Alternatively or additionally, the restriction on the functionality may be pre-programmed in the device, for example, if the inactive mode functionality is embodied in a mobile application distributed by an insurance company, the restriction of functionality may be optimized to minimize distracted driving accidents. Further, a remote user may restrict the functionality of the device. For example, a parent may limit a child's use of a mobile device during nighttime sleeping hours.

[0016] Upon receiving notification of a communication event, the mobile device may suppress normal user notification. The mobile device may suppress normal user notification actions, such as ringing, vibration, and screen activation. Further the mobile device may suppress applications normally launched upon a communication event, such as a mobile call application. In some embodiments, the mobile device may permit normal user notification if the sender is on a pre-screened list of allowed senders.

[0017] After suppressing user notification, the mobile device may transmit an away message to the sender. The away message may be sent via the same medium that the original communication was made in. For example, if a text message was received, the mobile device may transmit a response via text message. Alternatively, the message may be sent by a

different medium. For example, if a phone call was received, the mobile device may transmit the away message via text message or email (if, for example, the sender has an associated email address in the users contacts). It is further contemplated that the user's inactive mode away message may be automatically shared to social networks such Facebook and Twitter upon activation of the inactive mode.

[0018] The user may configure an away message before placing the mobile device in inactive mode. The user may configure multiple away messages and choose among the away messages when placing the mobile device in away mode.

[0019] At the appropriate time, the device may leave inactive mode and permit the user to use the full functionality of the device. In an embodiment, inactive mode may be disabled by pressing a button ending inactive mode. Alternatively, where inactive mode was scheduled to start automatically, the mobile device may leave inactive mode by reaching the end of a scheduled time. Further, where the mobile device was placed in inactive mode by the driving directions functionality, the mobile device may leave inactive mode by arriving at a destination. Even further, where the mobile device was placed in inactive mode remotely, the mobile device may be removed from inactive mode by remote deactivation, etc. It will be apparent to one of skill in the art that that the mobile device may be removed from inactive mode by any mechanism that reflects that the need for restricted access is no longer needed.

[0020] Upon completion of the inactive mode, the mobile device notifies user of missed communications. The user may then view any text messages or emails, or may listen to voicemails left by the sender.

[0021] As described, the device may "certify" or prove that a mobile device was not operational during a certain period as evidence that the phone was not used during driving. A method of proving a cell phone was disabled comprises the steps of: receiving an input by the mobile device to begin the inactive mode; transmitting an inactive mode begin notification

from the mobile device to the certification server; receiving, by the certification server, an inactive mode begin notification; suppressing notifications to a user; receiving an input by the mobile device to end the inactive mode; transmitting an inactive mode end notification from the mobile device to the certification server; receiving an inactive mode end notification by the certification server; generating, by the certification server, a certified record of the time of the inactive mode begin notification and the inactive mode end notification.

[0022] The method of proving a cell phone was disabled may begin upon the mobile device being placed in inactive mode. As previously described, the mobile device may be placed in inactive mode by the user pressing a button to begin the inactive mode; by the user scheduling a time period during which the mobile device is automatically in inactive mode; by the use of the driving directions functionality of the mobile device; by activation by a remote user; etc.

[0023] Upon being placed in inactive mode, the mobile device may transmit an inactive mode begin notification to the server. The inactive mode begin notification may include a user identifier, and a begin timestamp indicating the time that the inactive mode was initiated. Further, the inactive mode begin notification may include a listing of functionality permissions to record the functionality made available and/or the functionality made restricted to the user during the inactive mode. It is contemplated that the mobile device need not immediately transmit the inactive mode begin notification upon the step of receiving an input to begin inactive mode is received, and the mobile device may alternatively transmit the inactive mode begin notification when requested, when a connection is available, during periods of low bandwidth utilization, or any other time useful to create the certification.

[0024] The certification server receives the inactive mode begin notification from the mobile device. The certification server may assume that inactive mode is operating continuously until receiving a signal, such as an inactive mode end notification, that inactive

mode has been disabled. A certified record of the data contained in the inactive mode begin notification may be created and stored in a database of the certification server. The certified record may include a first timestamp of the time the inactive mode begin notification was received.

[0025] In inactive mode, the mobile device may suppress communications and enforce the restrictions of the inactive mode until the step of receiving an input to end inactive mode. As previously described, an input may be the user pressing a button to end the inactive mode, the user scheduling a time period during which the mobile device is automatically in inactive mode, the use of the driving directions functionality of the mobile device, activation by a remote user; etc.

[0026] At the conclusion of inactive mode, the mobile device may transmit an inactive mode end notification to the certification server to indicate that the device has left the inactive mode. The inactive mode end notification may include a user identifier and a end timestamp marking the time that the mobile device was removed from inactive mode. Further, the inactive mode end notification may include a listing of functionality permissions to record the functionality made available and/or the functionality made restricted to the user during the inactive mode. It is contemplated that the mobile device need not immediately transmit the inactive mode end notification upon the step of receiving an input to begin inactive mode is received, and the mobile device may transmit the inactive mode end notification when requested, when a connection is available, during periods of low bandwidth utilization, or any other time useful to create the certification.

[0027] The certification server may receive an inactive mode end notification from the mobile device. Upon receipt of the inactive mode end notification, the certification server may make a certified record of the inactive mode session. The certified record of the inactive mode session may include the inactive mode begin notification, an inactive mode begin

notification arrival timestamp recording the arrival of the inactive mode begin notification, the inactive mode end notification, and an inactive mode end notification arrival timestamp recording the arrival of the inactive mode end notification. The record may be used to verify that the inactive mode was enabled during a period of time. To do so, the record may be made available via a user interface to the user, an insurance company, the police, the courts, a parent of the user, etc., to certify the times the device was in inactive mode and the restrictions on functionality in place during inactive mode.

[0028] In an embodiment, a mobile device includes: a processor; and a memory including instructions that when executed by the processor cause it to perform the steps of: receiving a user selection to automatically enter an inactive mode in response to an action within the mobile device indicating the device is being used in a moving vehicle; receiving a communication from a wireless communication module; if the mobile device is not in inactive mode, providing a notification to the user that a communication has been received; and if the mobile device is in inactive mode, transmitting an away message via the wireless module.

[0029] In some embodiments of the mobile device, the action is the activation of a driving directions functionality. In other embodiments, the action is GPS location functionality detecting a velocity above a certain rate. In additional embodiments, the action is pairing the mobile device with the moving vehicle.

[0030] In some embodiments of the mobile device, the communication is a mobile phone call. In other embodiments, the away message is one of a mobile phone call, an SMS message, or an email. In additional embodiments the communication is an SMS phone call. In further embodiments, the communication is an email.

[0031] In some embodiments of the mobile device, the memory further includes instructions that when executed by the processor cause it to perform the steps of: receiving an

input from a user requesting access to a function of the mobile device; if the mobile device is not in inactive mode, providing access to the requested functionality; and if the mobile device is in inactive mode, checking if the requested functionality is present on a list of restricted functionality, and if the requested functionality is present on a list of restricted functionality, refusing access to the requested functionality.

[0032] One objective of the invention is to increase driver safety by reducing mobile device communications as a source of distraction.

[0033] A further objective is to inform callers of the delay and the reason for failing to respond.

[0034] Another objective of the invention is to provide a mechanism for users to prove that the communication functions of their mobile device were disabled at a particular time.

[0035] Additional objects, advantages and novel features of the examples will be set forth in part in the description which follows, and in part will become apparent to those skilled in the art upon examination of the following description and the accompanying drawings or may be learned by production or operation of the examples. The objects and advantages of the concepts may be realized and attained by means of the methodologies, instrumentalities and combinations particularly pointed out in the appended claims.

Brief Description of the Drawings

[0036] The drawing figures depict one or more implementations in accord with the present concepts, by way of example only, not by way of limitations. In the figures, like reference numerals refer to the same or similar elements.

[0037] Fig. 1 is a schematic view of the ecosystem of a device including functionality for suppressing communications to a user using an inactive mode and a verification system to verify that a user was not receiving communications during a particular period of time.

[0038] Fig. 2 is a diagram of an example of a device including functionality for suppressing communications to a user using an inactive mode and verifying that a user was not receiving communications during a particular period of time.

[0039] Fig. 3 is a flow chart illustrating a method carried out by a mobile device to provide for an inactive mode.

[0040] Fig. 4a is an example mobile device user interface showing a start screen used to begin the inactive mode.

[0041] Fig. 4b is an example mobile device user interface showing a scheduling screen to schedule a time period during which the mobile device is automatically in inactive mode.

[0042] Fig. 4c is an example mobile device user interface showing a GPS/directions screen that when opened may trigger the inactive mode.

[0043] Fig. 4d is a front view of a mobile device user interface showing a Bluetooth device detection screen that when used to accept a Bluetooth connection may trigger the inactive mode.

[0044] Fig. 5a is an example mobile device user interface showing a custom message selection screen.

[0045] Fig. 5b is an example mobile device user interface showing a custom message creation screen.

[0046] Fig. 5c is an example mobile device user interface showing a custom message selection screen including example away messages.

[0047] Fig 5d is an example mobile device user interface showing a start screen that includes a custom away message.

[0048] Fig 6 is an example mobile device user interface showing a notification screen displayed upon leaving inactive mode.

[0049] Fig. 7 is a flow chart illustrating a certification method to create a certified record at the certification server that a mobile device was inactive during a particular time.

[0050] Fig. 8a is a diagram of an example inactive mode begin notification created during the execution of the certification method of Fig. 7.

[0051] Fig. 8b is a diagram of an example inactive mode end notification created during the execution of the certification method of Fig. 7.

[0052] Fig 8c is a diagram of an example record of an inactive mode session created during the execution of the certification method of Fig. 7.

Detailed Description of the Invention

[0053] Fig. 1 illustrates the ecosystem 10 of an example of a mobile device 100 including functionality for suppressing communications using an inactive mode. As shown in Fig. 1, the ecosystem 10 includes a communications network 40 which provides communications functionality to the mobile device 100, other communication devices 20 which other users may use to communicate to the mobile device 100, and a certification server 30 that may verify that a user 15 was not receiving communications during a particular period of time.

[0054] A user 15 may enable an inactive mode of the device 100 to suppress notification of incoming phone calls, text, emails, and other communications and automatically notify the device 20 of the sender 17 with an away message. By suppressing the incoming communications, the mobile device 100 may minimize user distractions permitting the user 15 to maintain concentration on important tasks, such as driving. One drawback, however, is that senders 17 may feel upset that they are not being answered when the sender 17 is expecting the user 15 to answer communications. Thus, in order to reassure senders 17 that their communication will receive a response at the earliest convenient opportunity, the mobile device 100 permits the user 15 to send an away message upon receipt

of a communication.

[0055] Fig. 2 is a block diagram of an example implementation of a mobile device 100 including an inactive mode. The mobile device 100 includes communication functions that can be facilitated through one or more wireless communication subsystems 120, which can include radio frequency receivers and transmitters and/or optical (e.g., infrared) receivers and transmitters. The specific design and implementation of the communication subsystem 120 can depend on the communication network(s) over which the mobile device 100 is intended to operate. For example, the mobile device 100 can include communication subsystems 120 designed to operate over a GSM network, a GPRS network, an EDGE network, a Wi-Fi or WiMax network, and a Bluetooth network. In particular, the wireless communication subsystems 120 may include hosting protocols such that the mobile device 100 may be configured as a base station for other wireless devices.

[0056] A memory 138 may store communication instructions 142 to facilitate communicating with one or more additional devices, one or more computers and/or one or more servers. The memory 138 may include phone instructions 148 to facilitate phone-related processes and functions; short message service instructions 150 to facilitate SMS-messaging related processes and functions; electronic mail instructions 151 to facilitate electronic-mail processes and functions. The phone instruction 148, the short message service instructions 150, electronic mail instructions 151 may include default instructions to notify a user via sound, visual, or vibration cues to alert the user of incoming communications. The memory may further include inactive mode instructions 147 to suppress the sound, visual, or vibration communication cues and manage the inactive mode related processes and functions further described herein.

[0057] Turning to Fig. 3, in an embodiment, a method 300 carried out by a mobile device 100 to provide for an inactive mode includes: the step 301 of placing the mobile

device 100 in inactive mode; the step 302 of detecting one or more incoming communications; the step 303 of suppressing notification of the user 15 of the one or more incoming communications; the step 304 of transmitting an away message to one or more senders 17 of the one or more communications; and the step 305 of notifying the user 15 of missed communications upon completion of the inactive mode.

[0058] The method 300 begins at step 301 when the mobile device 100 is placed in inactive mode. Inactive mode may be activated by many different mechanisms. For example, as shown in Fig. 4a, a user 15 may press a start button 510 on a start screen 520 to begin the inactive mode. Alternatively, a user 15 may select the set timer button 515 on the start screen 515 to enter a scheduling screen 530, as shown in Fig. 4b, to schedule a time period during which the mobile device 100 is automatically in inactive mode. Even further, as shown in Fig. 4c, the inactive mode may be automatically initiated upon the opening of a GPS/directions screen 540 of the mobile device. Yet even further, as shown in Fig. 4d, the inactive mode may be automatically initiated upon the pairing of the mobile device 100 and a vehicle, as shown by the Bluetooth device detection screen 550. Moreover, the inactive mode may be activated by a remote user 15, for example, to enable parents to limit distracted driving by teenagers. Additionally, the inactive mode may be activated by the mobile device 100 detecting a particular location using GPS, such as a gym or school, where inactive mode is routinely activated. It is contemplated that any input that may indicate that the user is not to be distracted may be used to place the device in inactive mode, as will be understood by those of skill in the art.

[0059] Once placed in inactive mode, at step 302, the mobile device 100 will detect any incoming communications normally. When inactive mode functionality is provided as a mobile application, upon entering inactive mode the mobile application may register with the operating system of the mobile device 100 to receive a notification upon a communication

event, such as a mobile call, SMS message, or email. Upon receipt of notification of the incoming communication, the mobile application may capture contact information of the sender 17, such as phone number or email address.

[0060] Proceeding to step 303, upon receiving notification of an incoming communication, the mobile device 100 may suppress normal user notification. The mobile device 100 may suppress normal user notification actions, such as ringing, vibration, and screen activation. Further the mobile device 100 may suppress applications normally launched upon a communication event, such as a mobile call application. In some embodiments, the mobile device 100 may permit normal user notification if the sender 17 is on a pre-screened list of allowed senders 17.

[0061] After suppressing user notification of an incoming communication, the mobile device 100, at step 304 of the method 300, may transmit an away message 575 to the sender 17. The user 15 may configure multiple away messages 575 and choose among the away messages 575 when placing the mobile device 100 in away mode. As shown in Figs. 5a-5d, the user 15 may configure an away message before placing the mobile device 100 in inactive mode. Fig. 5a illustrates an away message selection screen 560 before the user 15 has set up an away message 575. A user 15 may select the away message creation button 565 to enter an away message editing screen 570 including an edit box 572, as shown in Fig. 5b. After creating away messages 575, the user 15 may select from the away messages 575 tin the away message selection screen 560 as shown in Fig. 5c. Upon selecting an away message 575, the start screen 520 is opened permitting the user to start the inactive mode. It is further contemplated that the away message 575 may be automatically shared to social networks such Facebook and Twitter upon activation of the inactive mode.

[0062] In some embodiments, the away message 575 may be sent via the same communications medium in which the original communication was made. For example, if a

text message was received, the mobile device 100 may transmit the away message 575 via text message. Alternatively, the away message 575 may be sent by a different communications medium. For example, if a phone call was received, the mobile device 100 may transmit the away message 575 via text message or email.

[0063] Upon completion of the inactive mode, next at step 305, the mobile device 100 notifies the user 15 of missed communications. At the missed communications screen 580 shown in Fig. 6, the user 15 may then view any text messages or emails by clicking the view message button 585, listen to voicemails left by the sender 17 by clicking the view calls button 587, or otherwise use the full functionality of the device. In an embodiment, inactive mode may be disabled by pressing a button ending inactive mode. Alternatively, where inactive mode was scheduled to start automatically, the mobile device 100 may leave inactive mode by reaching the end of a scheduled time. Further, where the mobile device 100 was placed in inactive mode by the driving directions functionality, the mobile device 100 may leave inactive mode by arriving at a destination. Even further, where the mobile device 100 was placed in inactive mode remotely, the mobile device 100 may be removed from inactive mode by remote deactivation. It will be apparent to one of skill in the art that that the mobile device 100 may be removed from inactive mode by any mechanism that reflects that the need for restricted access is no longer needed.

[0064] In addition to suppressing communications, inactive mode may restrict the user's use of the mobile device. For example, the user 15 of the mobile device 100 may be restricted from accessing a web browser, applications, communications programs, etc. Inactive mode may restrict all use of the mobile device 100 or may permit only selective access to certain functionality. For example, when driving, mapping and GPS/navigation functionality may remain accessible.

[0065] It is contemplated that the user 15 may customize the allowed functionality

during inactive mode. Alternatively or additionally, the restriction on the functionality may be pre-programmed in the inactive mode instructions 147. For example, if the inactive mode functionality of the mobile device 100 is embodied in a mobile application distributed by an insurance company, the restriction of functionality may be optimized to minimize distracted driving accidents. Further, a remote user may restrict the functionality of the mobile device 100. For example, a parent may limit a child's use of a mobile device 100 during nighttime sleeping hours.

[0066] Referring to Fig. 4, the certification method 400 may be used to create a certified record 670 (Fig. 6c) by the certification server 30 that records that a mobile device 100 was inactive during a particular time. As shown in Fig. 4, the certification method 400 includes: the step 401 of receiving an input by the mobile device 100 to begin the inactive mode; the step 402 of transmitting an inactive mode begin notification 610 from the mobile device 100 to the certification server 30; the step 403 of receiving, by the certification server 30, an inactive mode begin notification 610; the step 404 of suppressing notifications to a user 15; the step 405 of receiving an input by the mobile device 100 to end the inactive mode; the step 406 of transmitting an inactive mode end notification 650 from the mobile device 100 to the certification server 30; the step 407 of receiving an inactive mode end notification 650 by the certification server 30; the step 408 of generating, by the certification server 30, a certified record 670 of the time of the inactive mode begin notification 610 and the inactive mode end notification 650.

[0067] The certification method 400 may begin upon the step 401 of the mobile device 100 receiving an input to begin the inactive mode. For example, as shown in Fig. 4a, a user 15 may press a start button 510 on a start screen 520 to begin the inactive mode. Alternatively, a user 15 may select the set timer button 515 on the start screen 515 to enter a scheduling screen 530, as shown in Fig. 4b, to schedule a time period during which the

mobile device 100 is automatically in inactive mode. Even further, as shown in Fig. 4c, the inactive mode may be automatically initiated upon the opening of a GPS/directions screen 540 of the mobile device. Yet even further, as shown in Fig. 4d, the inactive mode may be automatically initiated upon the pairing of the mobile device 100 and a vehicle, as shown by the Bluetooth device detection screen 550. Moreover, the inactive mode may be activated by a remote user 15, for example, to enable parents to limit distracted driving by teenagers. It is contemplated that any input that may indicate that the user is not to be distracted may be used to place the device in inactive mode, as will be understood by those of skill in the art.

[0068] Upon being placed in inactive mode, at step 402 the mobile device 100 may transmit an inactive mode begin notification 610 to the certification server 30. As shown in Fig. 8a, the inactive mode begin notification 610 may include a user identifier 620, and a begin timestamp 630 indicating the time that the inactive mode was initiated. Further, the inactive mode begin notification 610 may include a listing of functionality permissions 640 to record the functionality made available and/or the functionality made restricted to the user during the inactive mode. It is contemplated that the mobile device 100 need not immediately transmit the inactive mode begin notification 610 upon the step 401 of receiving an input to begin inactive mode is received, and the mobile device 100 may alternatively transmit the inactive mode begin notification 610 when requested, when a connection is available, during periods of low bandwidth utilization, or any other time useful to create the certification.

[0069] At step 403, the certification server 30 may receive an inactive mode begin notification 610. The certification server 30 may assume that inactive mode is operating continuously until receiving a signal, such as an inactive mode end notification 650 (Fig. 8b), that inactive mode has been disabled. A certified record 670 of the data contained in the inactive mode begin notification 610 may be created and stored in a database of the

certification server 30. As shown in Fig. 8c, the certified record 670 may include a first timestamp 680 of the time the inactive mode begin notification 610 was received.

[0070] At step 404, the mobile device 100 may suppress communications and enforce the restrictions of the inactive mode until the step 405 of receiving an input to end inactive mode. As previously described, an input may be the user pressing a button to end the inactive mode, the user scheduling a time period during which the mobile device 100 is automatically in inactive mode, the use of the driving directions functionality of the mobile device 100, activation by a remote user; etc.

[0071] At step 406, the mobile device 100 may transmit an inactive mode end notification 650 to the certification server 30 to indicate that the device 100 has left the inactive mode. The inactive mode end notification 650 may include a user identifier and a end timestamp 660 marking the time that the mobile device was removed from inactive mode. Further, the inactive mode end notification 650 may include a listing of functionality permissions 640 to record the functionality made available and/or the functionality made restricted to the user 15 during the inactive mode. It is contemplated that the mobile device 100 need not immediately transmit the inactive mode end notification 650 upon the step 405 of receiving an input to begin inactive mode is received, and the mobile device 100 may transmit the inactive mode end notification 650 when requested, when a connection is available, during periods of low bandwidth utilization, or any other time useful to create the certification.

[0072] At step 407, the certification server 30 may receive an inactive mode end notification 650. Upon receipt of the inactive mode end notification 650, the certification server 30 may make a certified record 670 of the inactive mode session. The certified record 670 of the inactive mode session may include the inactive mode begin notification 610, an inactive mode begin notification arrival timestamp 680 recording the

arrival of the inactive mode begin notification 610, the inactive mode end notification 650, and an inactive mode end notification arrival timestamp 690 recording the arrival of the inactive mode end notification 650. In some embodiments, the certified record 670 may further include a GPS location trace of the mobile device 100 while the mobile device was in inactive mode. By storing a GPS location trace in the certified record, the user may, among other things, provide proof of location during inactive mode, as may be useful when an accident has occurred. The certified record 670 may be used to verify that the inactive mode was enabled during a period of time. To do so, the record may be made available via a user interface to the user 15, an insurance company, the police, the courts, a parent of the user 15, etc., to certify the times the device was in inactive mode and the restrictions on functionality in place during inactive mode.

[0073] Referring back to Fig. 2, the mobile device 100 includes a memory interface 102, one or more data processors, image processors and/or central processors 104, and a peripherals interface 106. The memory interface 102, the one or more processors 104 and/or the peripherals interface 106 can be separate components or can be integrated in one or more integrated circuits. The various components in the mobile device 100 can be coupled by one or more communication buses or signal lines, as will be recognized by those skilled in the art.

[0074] Sensors, devices, and additional subsystems can be coupled to the peripherals interface 106 to facilitate various functionalities. For example, a motion sensor 108 (e.g., a gyroscope), a light sensor 110, and a positioning sensor 112 (e.g., GPS receiver) can be coupled to the peripherals interface 106 to facilitate the orientation, lighting, and positioning functions described further herein. Other sensors 114 can also be connected to the peripherals interface 106, such as a proximity sensor, a temperature sensor, a biometric sensor, or other sensing device, to facilitate related functionalities.

[0075] A camera subsystem 116 and an optical sensor 118 (e.g., a charged coupled device (CCD) or a complementary metal-oxide semiconductor (CMOS) optical sensor) can be utilized to facilitate camera functions, such as recording photographs and video clips.

[0076] An audio subsystem 122 can be coupled to a speaker 124 and a microphone 126 to facilitate voice-enabled functions, such as voice recognition, voice replication, digital recording, and telephony functions.

[0077] The I/O subsystem 128 can include a touch screen controller 130 and/or other input controller(s) 132. The touch-screen controller 130 can be coupled to a touch screen 134. The touch screen 134 and touch screen controller 130 can, for example, detect contact and movement, or break thereof, using any of a plurality of touch sensitivity technologies, including but not limited to capacitive, resistive, infrared, and surface acoustic wave technologies, as well as other proximity sensor arrays or other elements for determining one or more points of contact with the touch screen 134. The other input controller(s) 132 can be coupled to other input/control devices 136, such as one or more buttons, rocker switches, thumb-wheel, infrared port, USB port, and/or a pointer device such as a stylus. The one or more buttons (not shown) can include an up/down button for volume control of the speaker 124 and/or the microphone 126.

[0078] The memory interface 102 can be coupled to memory 138. The memory 138 can include high-speed random access memory and/or non-volatile memory, such as one or more magnetic disk storage devices, one or more optical storage devices, and/or flash memory (e.g., NAND, NOR). The memory 138 can store operating system instructions 140, such as Darwin, RTXC, LINUX, UNIX, OS X, iOS, WINDOWS, or an embedded operating system such as VxWorks. The operating system instructions 140 may include instructions for handling basic system services and for performing hardware dependent tasks. In some implementations, the operating system instructions 140 can be a kernel (e.g., UNIX kernel).

[0079] The memory 138 may include graphical user interface instructions 144 to facilitate graphic user interface processing; sensor processing instructions 146 to facilitate sensor-related processing and functions; web browsing instructions 152 to facilitate web browsing-related processes and functions; media processing instructions 154 to facilitate media processing-related processes and functions; GPS/Navigation instructions 156 to facilitate GPS and navigation-related processes and instructions; camera instructions 158 to facilitate camera-related processes and functions; and/or other software instructions 160 to facilitate other processes and functions (e.g., access control management functions, etc.). The memory 138 may also store other software instructions (not shown) controlling other processes and functions of the mobile device 100 as will be recognized by those skilled in the art. In some implementations, the media processing instructions 154 are divided into audio processing instructions and video processing instructions to facilitate audio processing-related processes and functions and video processing-related processes and functions, respectively. An activation record and International Mobile Equipment Identity (IMEI) 162 or similar hardware identifier can also be stored in memory 138.

[0080] Each of the above identified instructions and applications can correspond to a set of instructions for performing one or more functions described herein. These instructions need not be implemented as separate software programs, procedures, or modules. The memory 138 can include additional instructions or fewer instructions. Furthermore, various functions of the mobile device 100 may be implemented in hardware and/or in software, including in one or more signal processing and/or application specific integrated circuits.

[0081] It should be noted that various changes and modifications to the presently preferred embodiments described herein will be apparent to those skilled in the art. Such changes and modifications may be made without departing from the spirit and scope of the present invention and without diminishing its attendant advantages.

Claims

I claim:

1. A mobile device, comprising:

a processor;

a memory including instructions that when executed by the processor cause it to perform the steps of:

providing a graphical user interface through which a user customizes one or more functions of the mobile device when placed in an inactive mode;

receiving a user selection to automatically enter the inactive mode in response to the pairing of the mobile device with a second device;

receiving a user selection of an away message to use when the mobile device is in inactive mode;

in response to the pairing of the mobile device and the second device, placing the mobile device in inactive mode;

when the mobile device is in inactive mode, in response to receiving a communication from a wireless communication module, transmitting the user selected away message via the wireless module.

2. The mobile device of claim 1 wherein the memory further includes instructions that when executed by the processor cause it to perform the step of:

when the mobile device is in inactive mode, in response to receiving the communication from the wireless communication module, suppressing any sound, visual, and vibration communication cues that would have accompanied the communication had the mobile device not been in inactive mode.

3. The mobile device of claim 1 wherein the memory further includes instructions that when executed by the processor cause it to perform the step of:

providing a notification of the communications upon completion of the inactive mode.

4. The mobile device of claim 1 wherein the second device is a vehicle.

5. The mobile device of claim 1 wherein the communication received from the wireless communication module is an SMS message.

6. The mobile device of claim 1 wherein the communication received from the wireless communication module is an email.

7. The mobile device of claim 1 wherein the communication received from the wireless communication module is a cellular phone call.

8. The mobile device of claim 1 wherein the user selected away message is a user customized away message.

9. The mobile device of claim 1 wherein the memory further includes instructions that when executed by the processor cause it to perform the step of:

when the mobile device is placed in inactive mode, provide a notification to a certification server that the mobile device is in inactive mode.

10. The mobile device of claim 9 wherein the memory further includes instructions that when executed by the processor cause it to perform the step of:

when the mobile device exits inactive mode, provide a notification to a certification server that the mobile device exited inactive mode.

ABSTRACT

A mobile device, comprising: a processor; and a memory including instructions that when executed by the processor cause it to perform the steps of: receiving a user selection to automatically enter an inactive mode in response to an action within the mobile device indicating the device is being used in a moving vehicle; receiving a communication from a wireless communication module; if the mobile device is not in inactive mode, providing a notification to the user that a communication has been received; if the mobile device is in inactive mode, transmitting an away message via the wireless module.

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1328-003
	Application Number	
Title of Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION	

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.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Nick		Bovis	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	San Francisco	State/Province	CA	Country of Residence i	US

Mailing Address of Inventor:

Address 1	333 Geary Street
Address 2	

City	San Francisco	State/Province	CA
Postal Code	94102	**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	88360		
Email Address	patrick@richardspatentlaw.com	Add Email	Remove Email
Email Address	richardspatentlaw_docketing@cardinal-ip.com	Add Email	Remove Email

Application Information:

Title of the Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION		
Attorney Docket Number	1328-003	**Small Entity Status Claimed**	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	10	**Suggested Figure for Publication (if any)**	4A

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	Application Number	
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Filing By Reference :

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country i

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).
Either enter 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 Recognition (37 CFR 11.9)
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Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. 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.
When referring to the current application, please leave the application number blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	14176107	2014-02-09
Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
14176107	Claims benefit of provisional	61835234	2013-06-14

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1328-003
	Application Number	
Title of Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION	

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. 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(d). When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) [i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(h)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

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Application Number	Country [i]	Filing Date (YYYY-MM-DD)	Access Code [i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

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

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization to Permit Access:

☒ Authorization to Permit Access to the Instant Application by the Participating Offices

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1328-003
	Application Number	
Title of Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION	

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

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

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

◯ Assignee	◯ Legal Representative under 35 U.S.C. 117	◯ Joint Inventor
◯ Person to whom the inventor is obligated to assign.	◯ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1328-003
	Application Number	
Title of Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION	

Mailing Address Information:			
Address 1			
Address 2			
City		**State/Province**	
Country [i]		Postal Code	
Phone Number		Fax Number	
Email Address			

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Assignee Information including Non-Applicant Assignee Information:

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[Remove]

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Address 2			
City		**State/Province**	
Country [i]		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. [Add]

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1328-003
	Application Number	
Title of Invention	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION	

Signature:

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Signature	/Patrick D. Richards/			Date (YYYY-MM-DD)	2014-10-13
First Name	Patrick	Last Name	Richards	Registration Number	48905

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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.**

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

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

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

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

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

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

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

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

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

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

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

FIG. 1

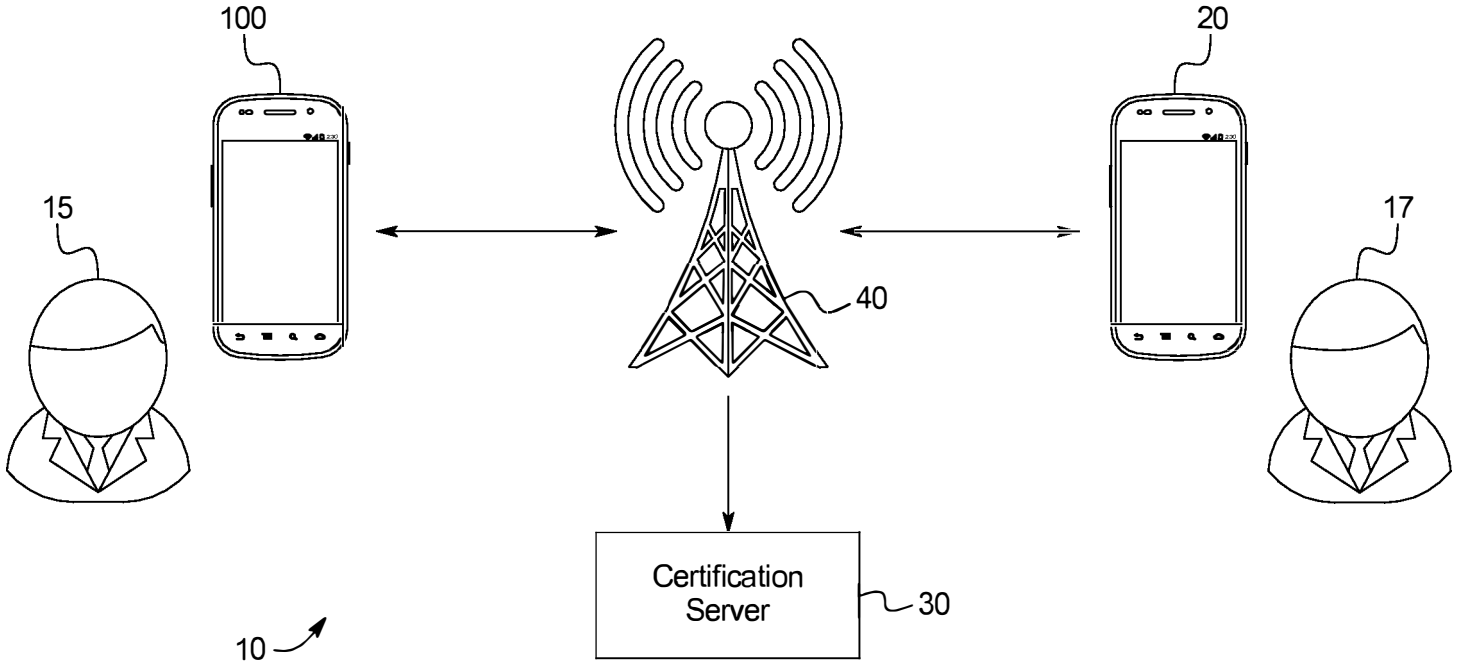


FIG. 2

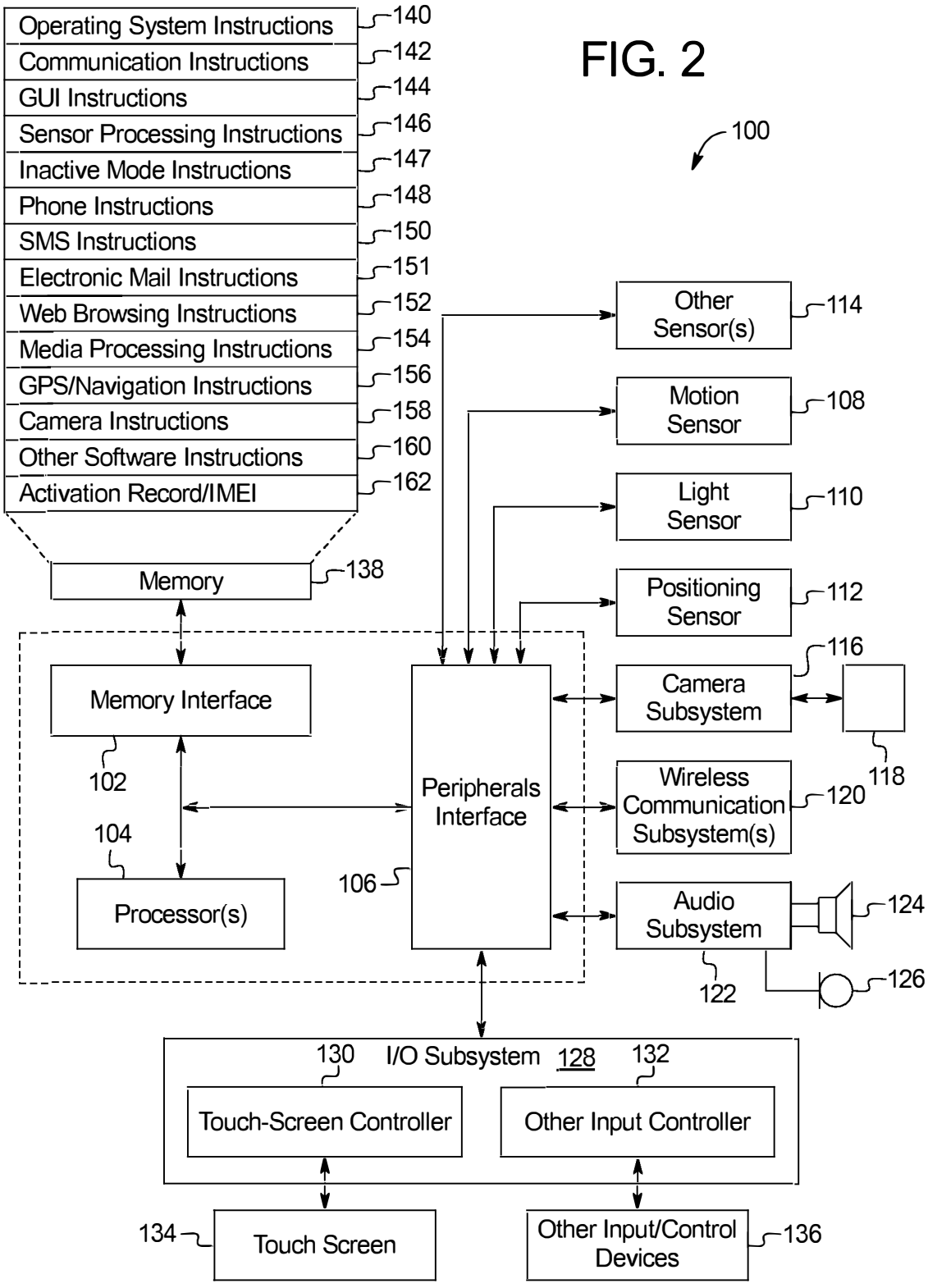

Operating System Instructions
140
Communication Instructions
142
GUI Instructions
144
Sensor Processing Instructions
146
Inactive Mode Instructions
147
Phone Instructions
148
SMS Instructions
150
Electronic Mail Instructions
151
Web Browsing Instructions
152
Media Processing Instructions
154
GPS/Navigation Instructions
156
Camera Instructions
158
Other Software Instructions
160
Activation Record/IMEI
162
Memory
138
100
Other Sensor(s)
114
Motion Sensor
108
Light Sensor
110
Positioning Sensor
112
116
Camera Subsystem
118
Memory Interface
102
104
Processor(s)
Peripherals Interface
106
Wireless Communication Subsystem(s)
120
Audio Subsystem
124
122
126
130
I/O Subsystem
128
132
Touch-Screen Controller
Other Input Controller
134
Touch Screen
Other Input/Control Devices
136

FIG. 3

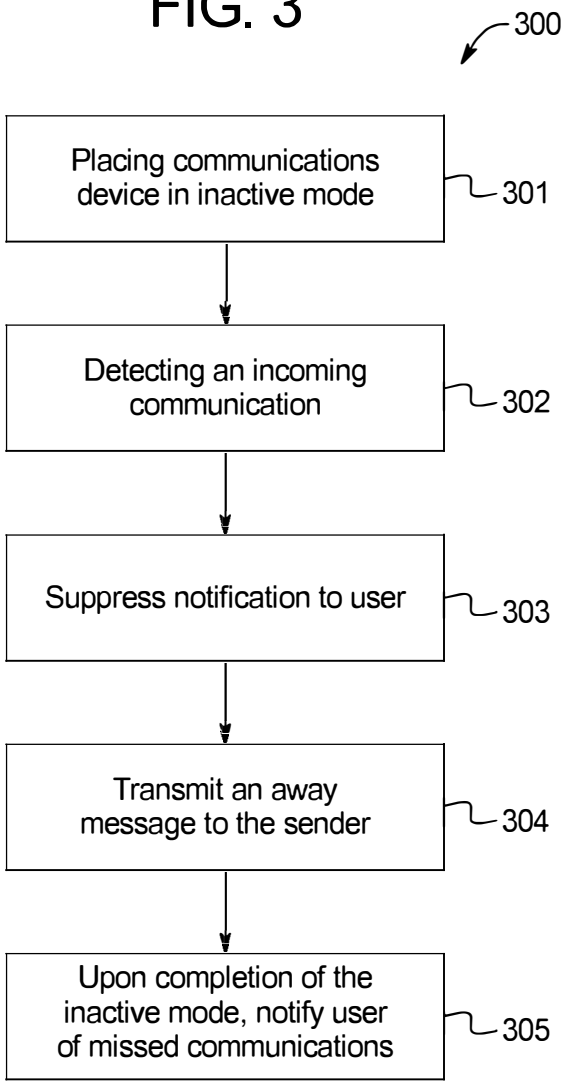

300
Placing communications device in inactive mode
301
Detecting an incoming communication
302
Suppress notification to user
303
Transmit an away message to the sender
304
Upon completion of the inactive mode, notify user of missed communications
305

FIG. 4A

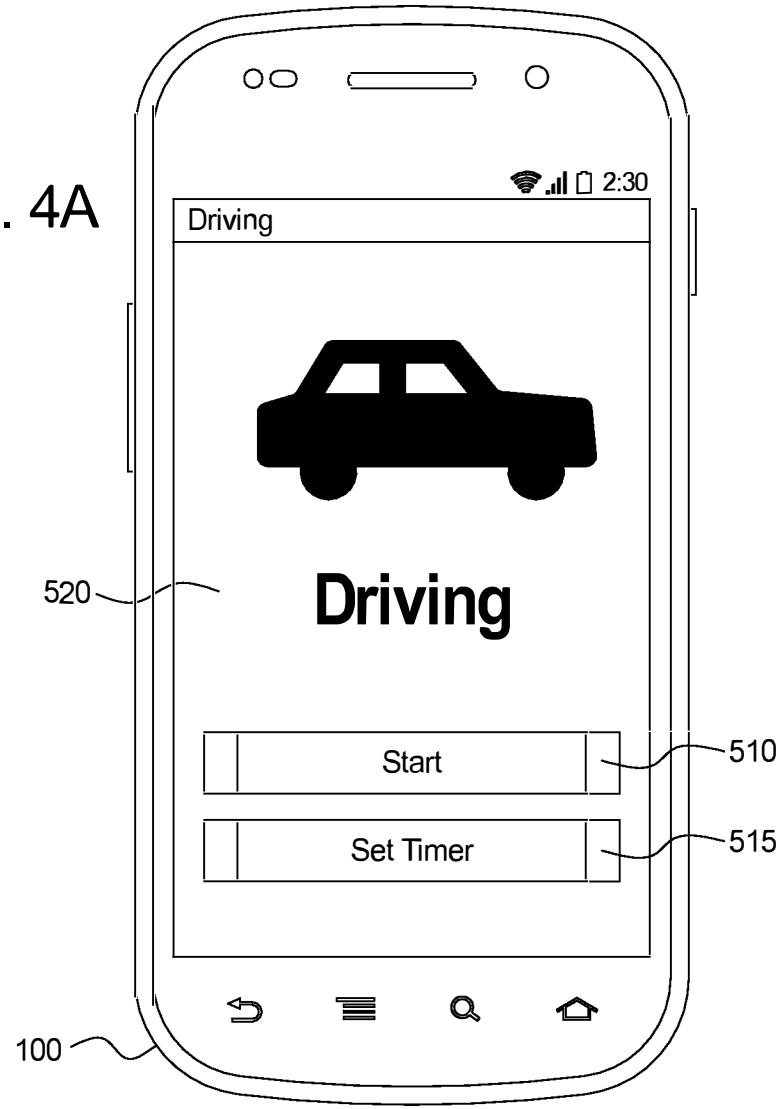

2:30
Driving
Driving
Start
Set Timer
520
510
515
100

FIG. 4B

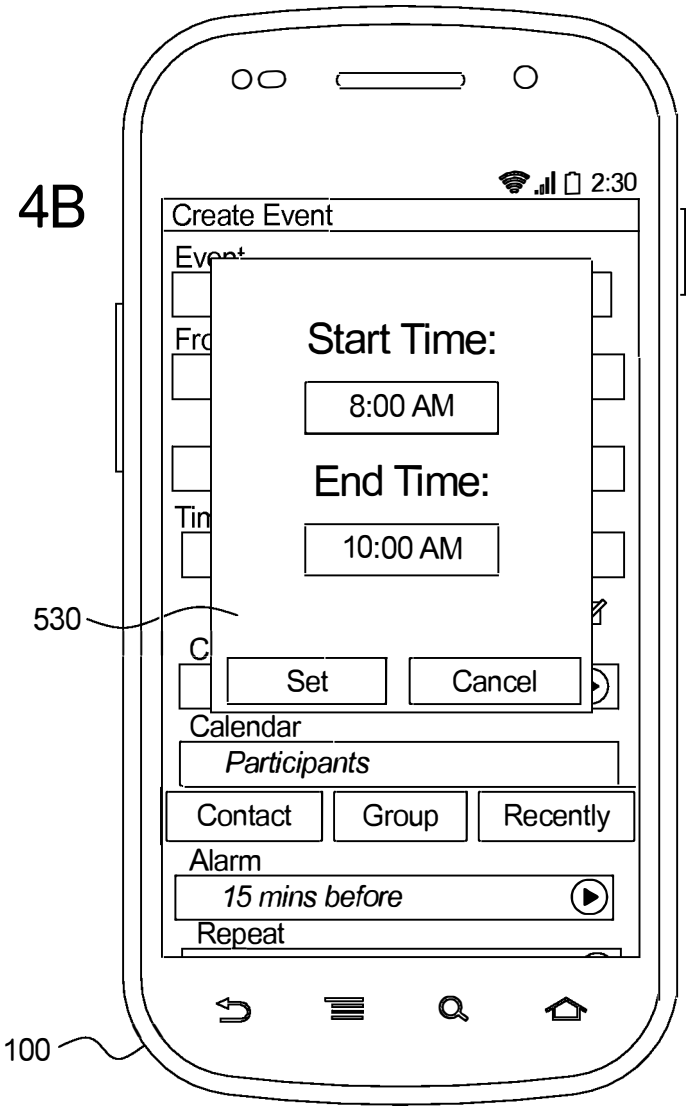

2:30
Create Event
Start Time:
8:00 AM
End Time:
10:00 AM
Set
Cancel
Calendar
Participants
Contact
Group
Recently
Alarm
15 mins before
Repeat
530
100

FIG. 4C

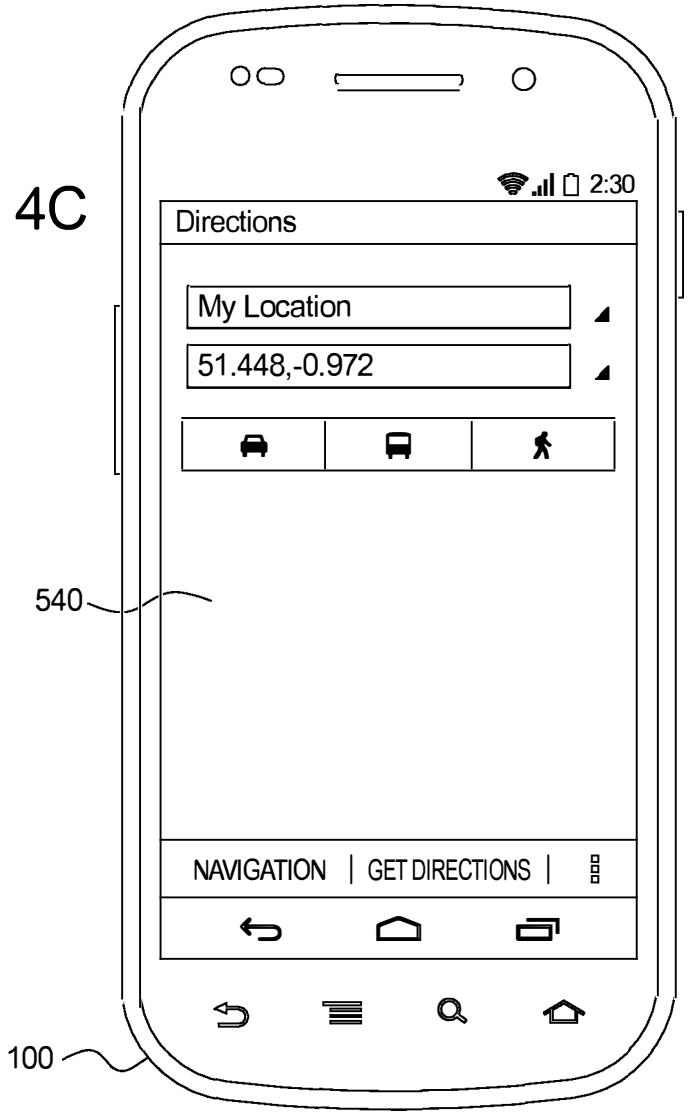

2:30
Directions
My Location
51.448,-0.972
NAVIGATION | GET DIRECTIONS |
540
100

FIG. 4D

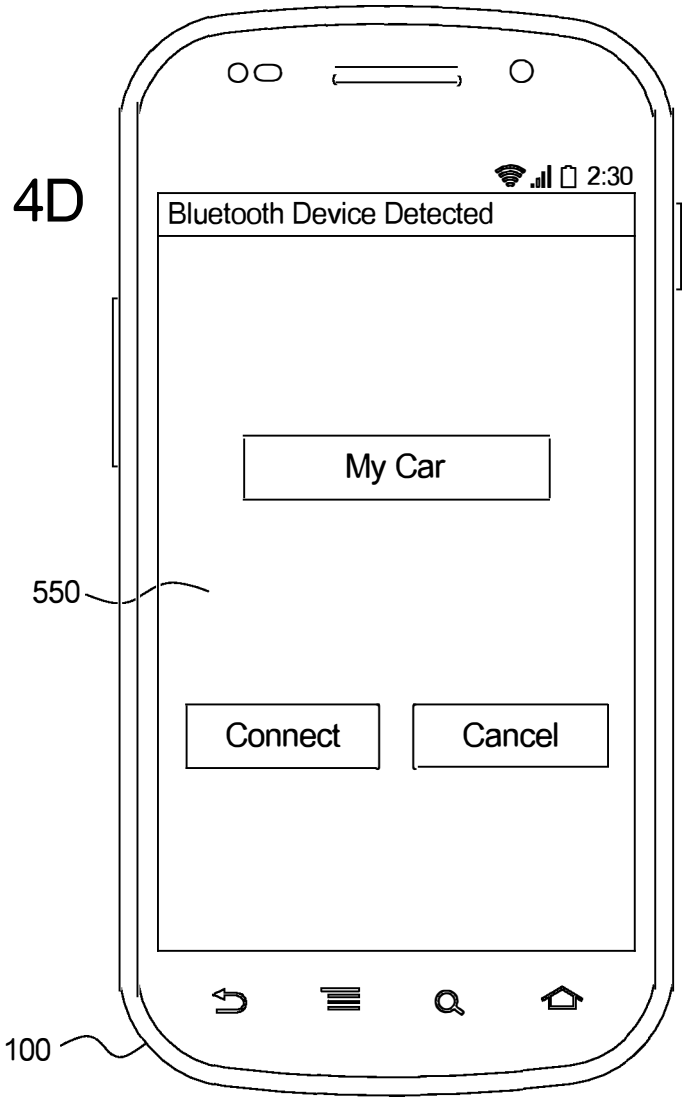

2:30
Bluetooth Device Detected
My Car
Connect
Cancel
550
100

FIG. 5A

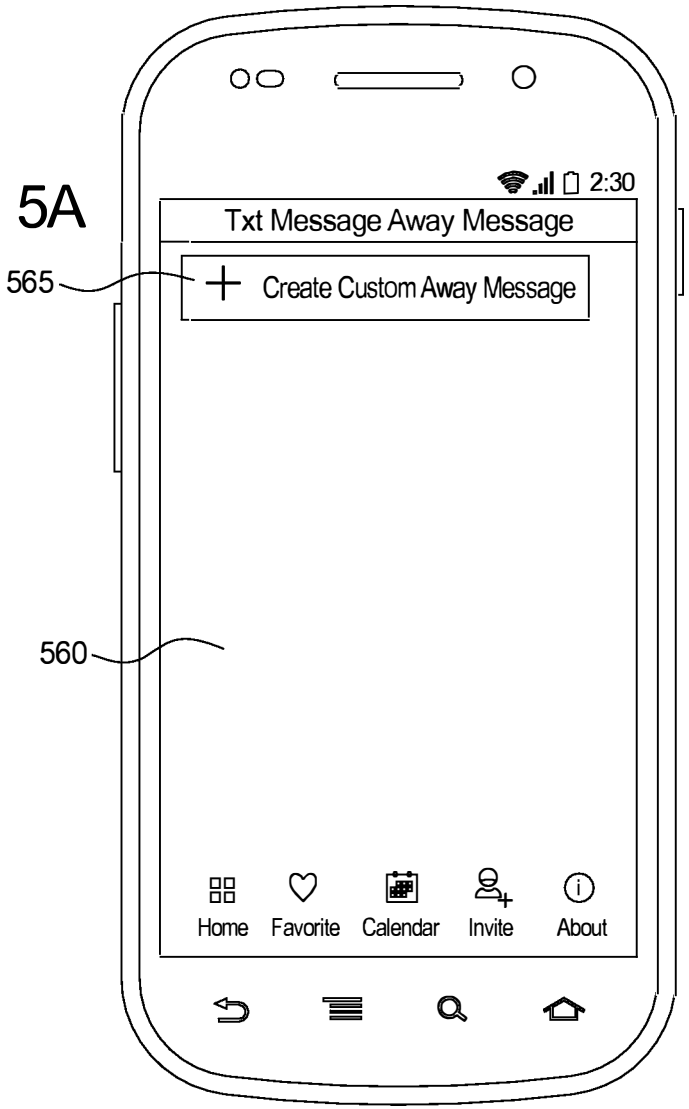

2:30
Txt Message Away Message
565
Create Custom Away Message
560
Home
Favorite
Calendar
Invite
About

FIG. 5B

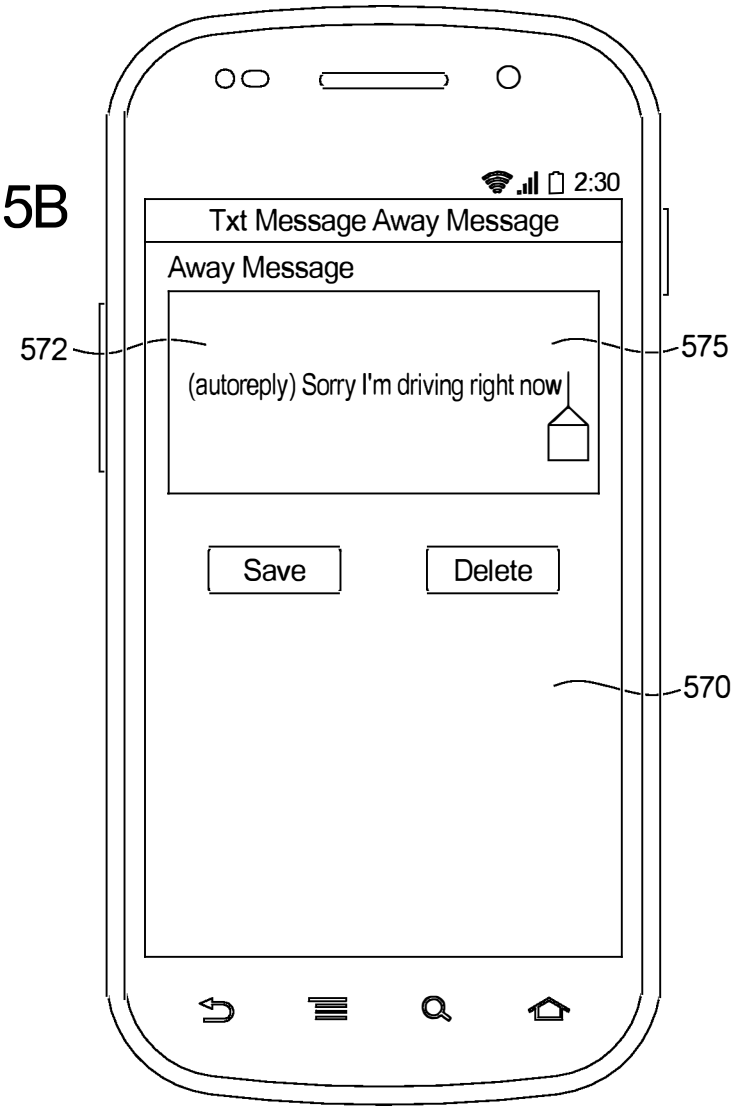

2:30
Txt Message Away Message
Away Message
572
575
(autoreply) Sorry I'm driving right now
Save
Delete
570

FIG. 5C

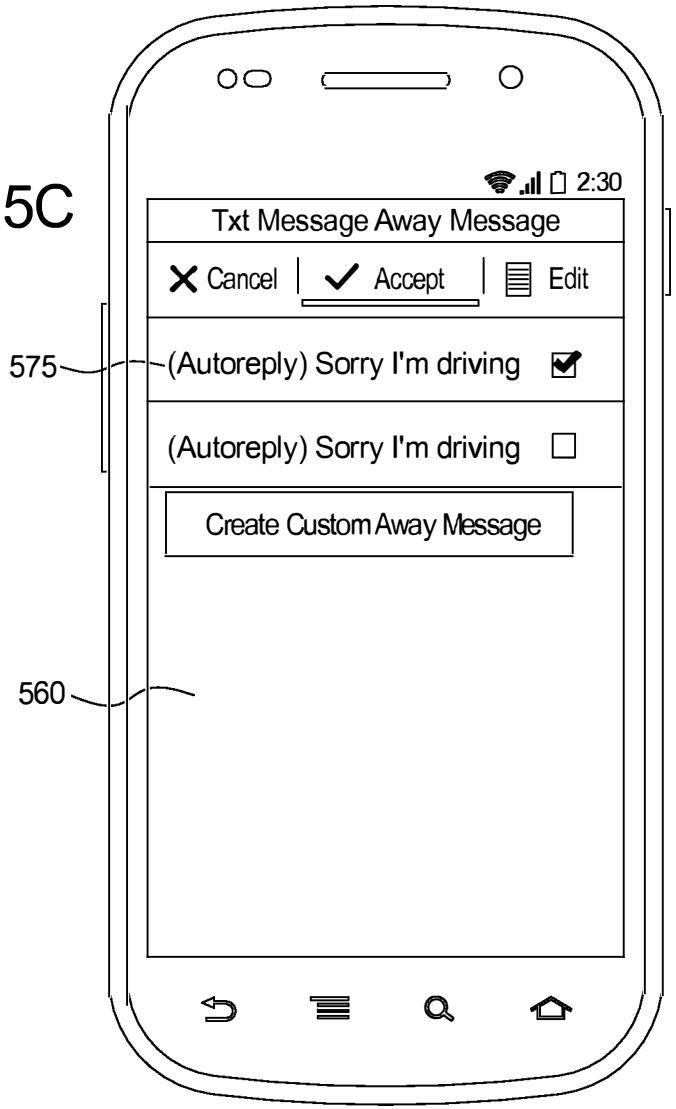

2:30
Txt Message Away Message
Cancel
Accept
Edit
575
(Autoreply) Sorry I'm driving
(Autoreply) Sorry I'm driving
Create Custom Away Message
560

FIG. 5D

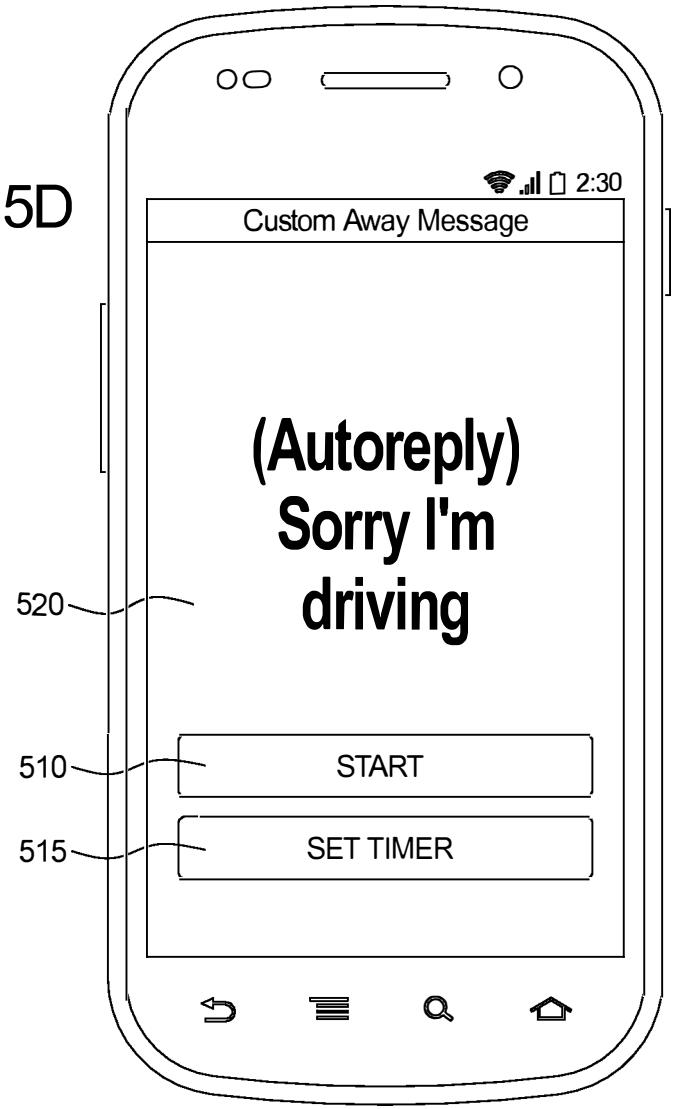

2:30
Custom Away Message
(Autoreply) Sorry I'm driving
520
510
START
515
SET TIMER

FIG. 6

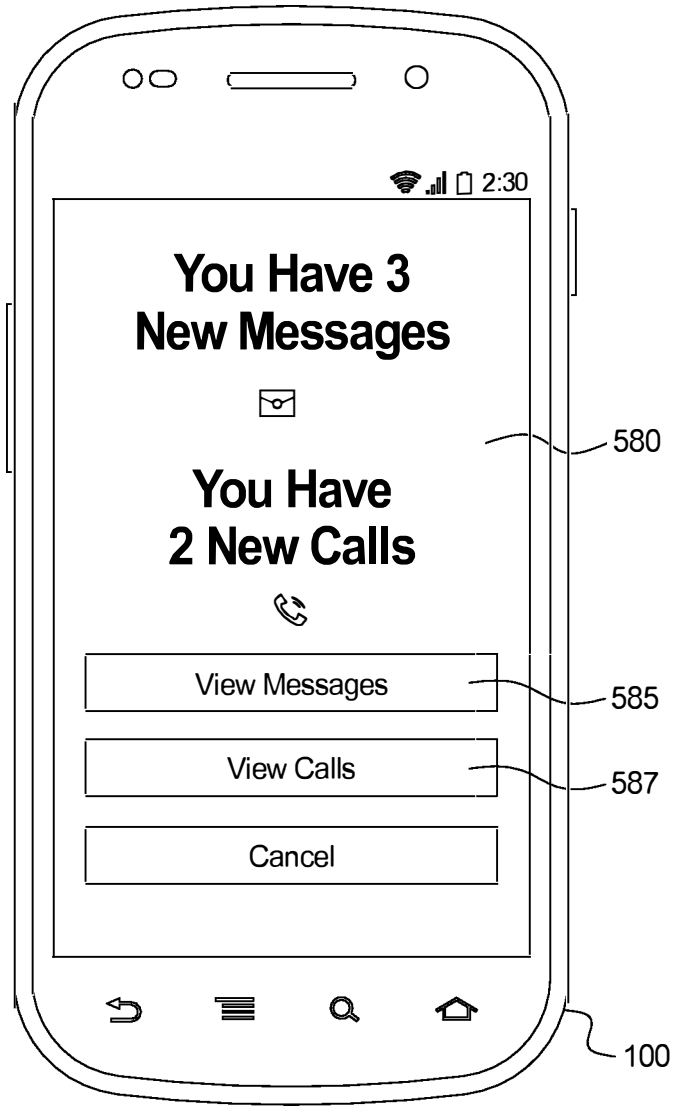

2:30
You Have 3
New Messages
You Have
2 New Calls
View Messages
View Calls
Cancel
580
585
587
100

FIG. 7

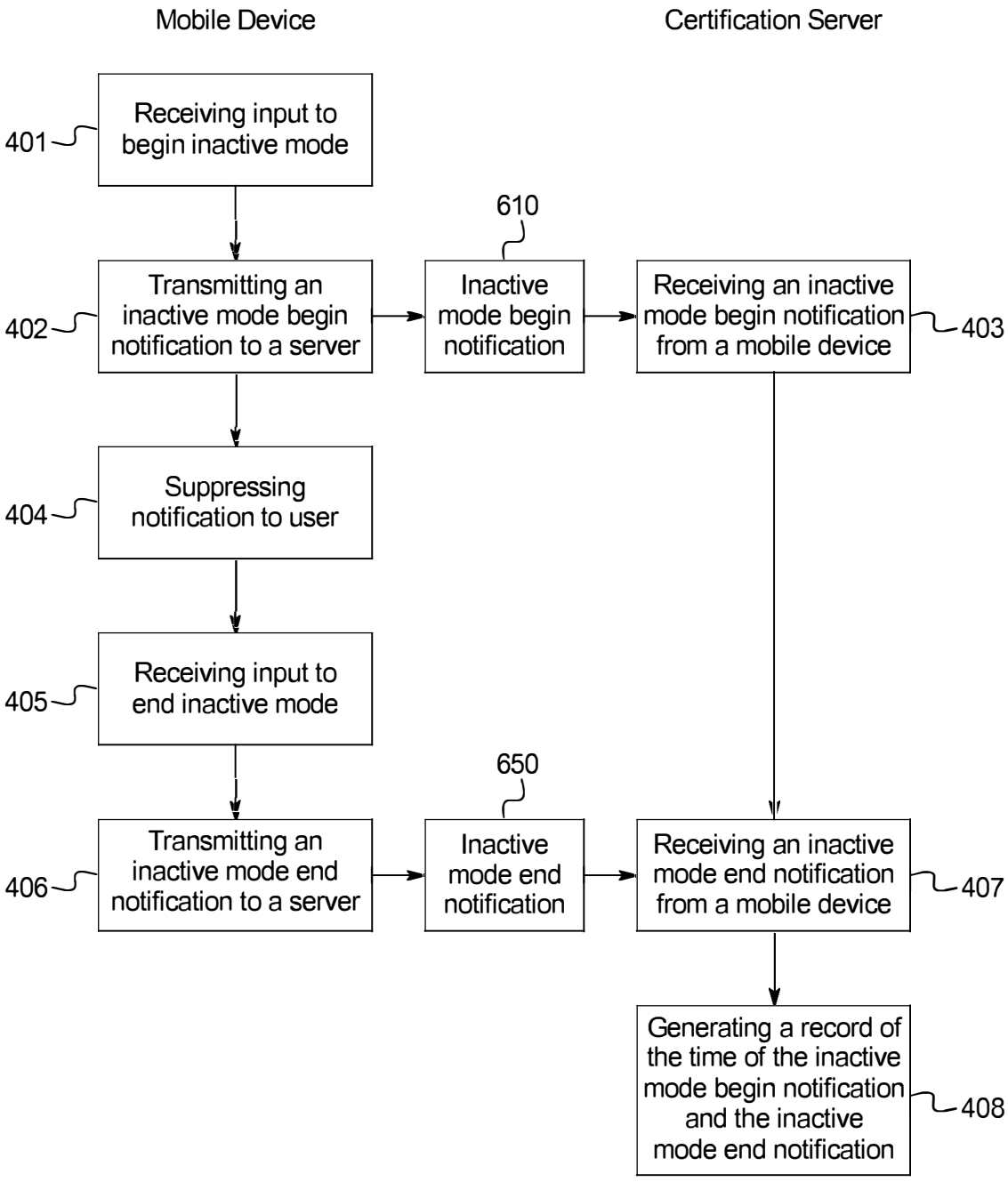

Mobile Device
Certification Server
401
Receiving input to begin inactive mode
610
402
Transmitting an inactive mode begin notification to a server
Inactive mode begin notification
Receiving an inactive mode begin notification from a mobile device
403
404
Suppressing notification to user
405
Receiving input to end inactive mode
650
406
Transmitting an inactive mode end notification to a server
Inactive mode end notification
Receiving an inactive mode end notification from a mobile device
407
Generating a record of the time of the inactive mode begin notification and the inactive mode end notification
408

FIG. 8A

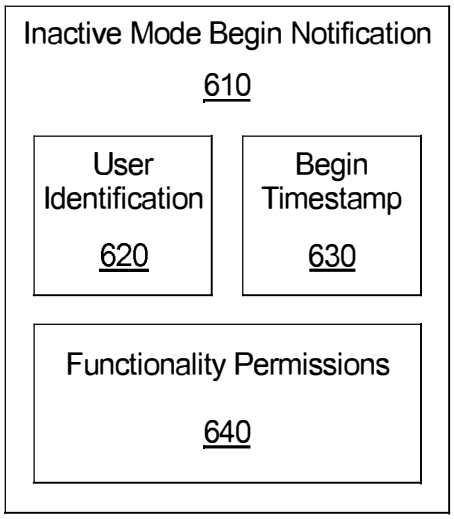


FIG. 8B

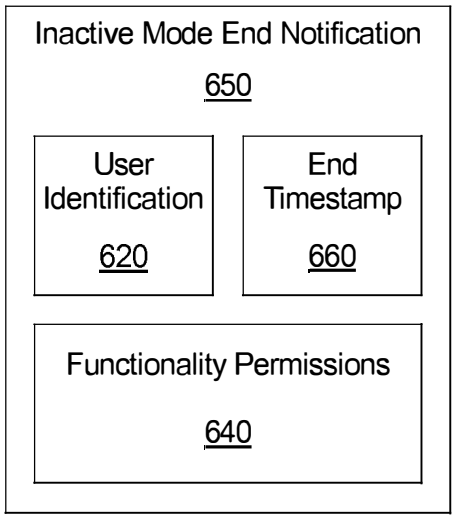
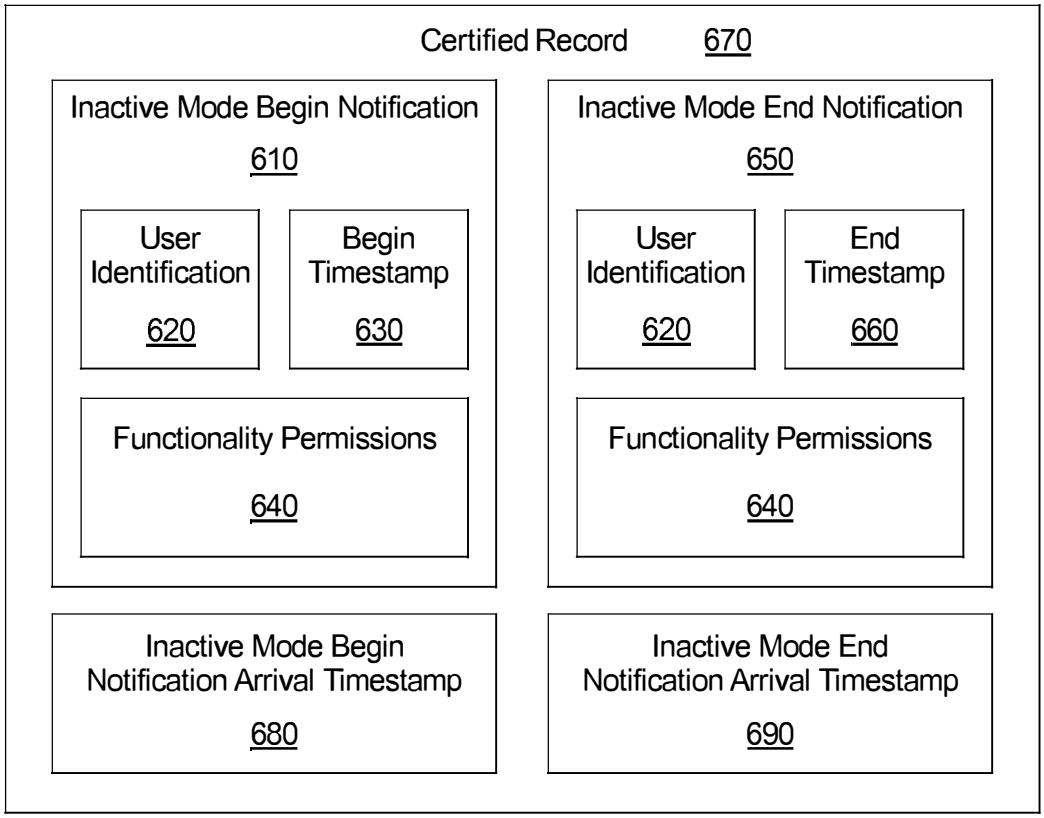


FIG. 8C



Electronic Acknowledgement Receipt

EFS ID:	20428779
Application Number:	14515477
International Application Number:	
Confirmation Number:	5833
Title of Invention:	MOBILE DEVICE INACTIVE MODE AND INACTIVE MODE VERIFICATION
First Named Inventor/Applicant Name:	Nick Bovis
Customer Number:	88360
Filer:	Patrick Duffy Richards
Filer Authorized By:	
Attorney Docket Number:	1328-003
Receipt Date:	15-OCT-2014
Filing Date:	
Time Stamp:	21:59:24
Application Type:	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
Payment was successfully received in RAM	$1435
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Warnings:					
Information:					
2	Application Data Sheet	aia0014.pdf	1560937 66cb6e4e542095651afff8feca◆295280be3949a	no	7
Warnings:					
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3	Drawings-only black and white line drawings	Drawings.pdf	278586 e1807a4fff46eb46◆1365◆0f288f1787585b981c	no	10
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4	Certification of Micro Entity (Gross Income Basis)	micro-entity.pdf	998985 8fb◆9a◆09◆05c0bc5fc64efb4155e2bf◆1a31c30	no	1
Warnings:					
Information:					
5	Oath or Declaration filed	signedoath.pdf	486187 a530e5b385b◆ef388969e0f5635af688bfe2e399	no	1
Warnings:					
Information:					
6	Transmittal of New Application	aia0015.pdf	275640 bf92a330e1◆6713354a1e0ff86340a0f1b2f22ca	no	2
Warnings:					
Information:					
7	TrackOne Request	aia0424.pdf	128807 23af7f7b◆04ec854681214f50e425a65b8c80635	no	2
Warnings:					
Information:					
8	Fee Worksheet (SB06)	fee-info.pdf	39694 3c7381a4c0410bf4b6a50487c929f7e7cb3c7606	no	2

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