

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Gary Thomas Baker Jr.	Confirmation No.: 1752
Application No.: 18/648,671	Group Art Unit: 3992
Filing Date: 04/29/2024	Examiner: CARLSON, JEFFREY D
For: SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	Attorney Docket No.: 1060-2

NOTICE OF RELATED PROCEEDINGS

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

Sir:

Pursuant to the applicant's duty of disclosure, Applicant identifies the following proceedings that may be related to the present application:

Case name: Samscloud, LLC v. Raptor Technologies, LLC

Court: District of Delaware

Case No.: DDE-1-26-cv-00899

Filing date: July 23, 2026

Related patent(s) or application(s): US 11,468,757; US 12,154,421

Status: Pending

Relationship: The litigation involves subject matter, claims, inventorship, ownership, or technology related to the present application.

Case name: Samscloud, LLC v. Rave Wireless, Inc.

Court: District of Delaware

Case No.: DDE-1-26-cv-00900

Filing date: July 23, 2026

Related patent(s) or application(s): US 11,468,757; US 12,154,421

Status: Pending

Relationship: The litigation involves subject matter, claims, inventorship,
ownership, or technology related to the present application.

Case name: Samscloud, LLC v. Genetec Inc.

Court: District of Delaware

Case No.: DDE-1-26-cv-00901

Filing date: July 23, 2026

Related patent(s) or application(s): US 11,468,757; US 12,154,421,

Status: Pending

Relationship: The litigation involves subject matter, claims, inventorship,
ownership, or technology related to the present application.

Applicant is not aware of any other pending or decided proceeding, litigation, or
patent application that may be materially related to the present application.

Date: September 24, 2026

Respectfully submitted,

/ Michael J. Scheer/

Michael J. Scheer, Reg. No. 34,425
The Law Office of Michael J. Scheer
Customer No. 144524
818- 616-3363



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/648,671

RECEIPT DATE / TIME
09/24/2026 07:02:42 PM Z ET

ATTORNEY DOCKET #
TUP54874

Title of Invention

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

Application Information

APPLICATION TYPE Utility - Reissue

PATENT # -

CONFIRMATION # 1752

FILED BY Michael Scheer

PATENT CENTER # 82241807

FILING DATE 04/29/2024

CUSTOMER # 62439

FIRST NAMED INVENTOR Gary Thomas Baker Jr.

CORRESPONDENCE ADDRESS -

AUTHORIZED BY -

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
1060-2 Notice of related proceedings.pdf	2	Transmittal Letter	89 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
1060-2 Notice of related proceedings.pdf	C402A3E534373C9F1129ACE713ED28164723EB2D76245D2D35FC1C4538FEF44B50F0E32624F1A1063A620CE5800737E62F0D92AC21EF8B141C0F16E4C2715A0E

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.

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UNITED STATES
PATENT AND TRADEMARK OFFICE

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Alexandria, VA 22313 - 1450
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ELECTRONIC PAYMENT RECEIPT

APPLICATION # 18/648,671	RECEIPT DATE / TIME 09/23/2026 07:38:46 PM Z ET	ATTORNEY DOCKET # TUP54874
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Title of Invention

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

Application Information

APPLICATION TYPE	Utility - Reissue	PATENT #	-
CONFIRMATION #	1752	FILED BY	Michael Scheer
PATENT CENTER #	82181606	AUTHORIZED BY	-
CUSTOMER #	62439	FILING DATE	04/29/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Gary Thomas Baker Jr.

Payment Information

PAYMENT METHOD CARD / 2071	PAYMENT TRANSACTION ID E20269MJ40309217	PAYMENT AUTHORIZED BY Michael Scheer
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
3251	EXTENSION FOR RESPONSE WITHIN FIRST MONTH, EXCEPT PROVISIONAL APPLICATIONS	47.00	1	47.00
TOTAL AMOUNT:				\$47.00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Gary Thomas Baker Jr.	Confirmation No.: 1752
Application No.: 18/648,671	Group Art Unit: 3992
Filing Date: 04/29/2024	Examiner: CARLSON, JEFFREY D
For: SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	Attorney Docket No.: 1060-2

PETITION FOR EXTENSION OF TIME UNDER 37 CFR § 1.136(a)

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

Sir:

It is respectfully requested that the time for response to the Office Action dated June 4, 2026, be extended for a period of (1) month from September 4, the date now set, to and including October 4.

The fee for this extension is estimated to be \$47.00

Date: September 23, 2026

Respectfully submitted,

/ Michael J. Scheer/

Michael J. Scheer, Reg. No. 34,425
The Law Office of Michael J. Scheer
Customer No. 144524
818- 616-3363

Doc Code: EABN

Document Description: Letter Express Abandonment of the application

PTO/AIA/24 (05-22)

Approved for use through 11/30/2027. 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 displays a valid OMB control number.

**EXPRESS ABANDONMENT UNDER
37 CFR 1.138**

File the petition electronically using USPTO's patent electronic filing system (Patent Center or EFS-Web)

Or Mail the petition to:

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

Application Number	18/648,671
Filing Date	April 29, 2024
First Named Inventor	Gary Thomas Baker Jr
Art Unit	3992
Examiner Name	CARLSON, JEFFREY
Attorney Docket Number	11060-2

Please check only one of boxes 1 or 2 below:

(If no box is checked, this paper will be treated as a request for express abandonment as if box 1 is checked.)

1. ☒ **Express Abandonment**

I request that the above-identified application be expressly abandoned as of the filing date of this paper.

2. ☐ **Express Abandonment in Favor of a Continuing Application**

I request that the above-identified application be expressly abandoned as of the filing date accorded the continuing application filed previously or herewith.

NOTE: A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01.

TO AVOID PUBLICATION, USE FORM PTO/AIA/24A INSTEAD OF THIS FORM.

TO REQUEST A REFUND OF SEARCH FEE AND EXCESS CLAIMS FEE (IF ELIGIBLE), USE FORM PTO/AIA/24B INSTEAD OF THIS FORM.

I am the:

☒

applicant.

☐

attorney or agent of record. Attorney or agent registration number is _____

☐

attorney or agent acting under 37 CFR 1.34, who is authorized under 37 CFR 1.138(b) because the application is expressly abandoned in favor of a continuing application (box 2 above must be checked). Attorney or agent registration number is _____.



Signature

Gary Thomas Baker Jr.

Typed or printed name

September 23, 2026

Date

832-286-5129

Telephone Number

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, see below.

☐

Total of _____ forms are submitted.

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 5 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.** If filing this completed form by mail, 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.

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: 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law; 2) a federal, state, local, or international agency, in response to its request; 3) a contractor of the USPTO having need for the information in order to perform a contract; 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.



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/648,671

RECEIPT DATE / TIME
09/23/2026 07:38:46 PM Z ET

ATTORNEY DOCKET #
TUP54874

Title of Invention

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

Application Information

APPLICATION TYPE Utility - Reissue

PATENT # -

CONFIRMATION # 1752

FILED BY Michael Scheer

PATENT CENTER # 82181606

FILING DATE 04/29/2024

CUSTOMER # 62439

FIRST NAMED
INVENTOR Gary Thomas Baker Jr.

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY -

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
1060-2 Executed Express Abandonment.pdf	2	Letter Express Abandonment of the application	325 KB
1060-2 EOT.pdf	1	Extension of Time	91 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
1060-2 Executed Express Abandonment.pdf	D17924518F71D98F959A3D39AC716D2025199A81CD94541B2 5455EE87AB1A39CEC00360D9D1FEE64F926BFEEC43FE5063 63DE7787CA2FF9826CF69CE84F87439
1060-2 EOT.pdf	F7845BD4E8B4259AF3CB3E033E545B74FEA189FA7A473C206

68EEAD5BC86511F6F96E0C0700AE809F796E4D43EF22B7DE
B9BD7E9A63DB9DA8A1E52BA6074CB05

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

☒ Practitioners associated with Customer Number: 144524

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

☒ The address associated with Customer Number: 144524

OR

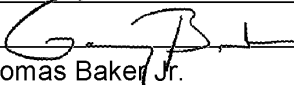
☐	Firm or individual name		
	Address		
	City	State	Zip
	Country		
	Telephone	Email	

Assignee name and address: Samscloud LLC
11131 Carriage Lake Drive
Houston TX 77065

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature		Date	8/11/2026
Name	Gary Thomas Baker Jr.	Telephone	832-286-5129
Title Chief Executive Officer			

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 0651-0035. Public burden for this form is estimated to average 18 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.** If filing this completed form by mail, send to: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Routine uses of the information in this record may include disclosure to: 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law; 2) a Federal, state, local, or international agency, in response to its request; 3) a contractor of the USPTO having need for the information in order to perform a contract; 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 9) the Office of Management and Budget (OMB) for legislative coordination and clearance.

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Additional Uses

Additional USPTO uses of the information in this record may include disclosure to: 1) the International Bureau of the World Intellectual Property Organization, if the record is related to an international application filed under the Patent Cooperation Treaty; 2) the public i) after publication of the application pursuant to 35 U.S.C. 122(b), ii) after issuance of a patent pursuant to 35 U.S.C. 151, iii) 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, or iv) without publication of the application or patent under the specific circumstances provided for by 37 CFR 1.14(a)(1)(v)-(vii); and/or 3) the National Archives and Records Administration, for inspection of records.



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CONFIRMATION # 1752

FILED BY Michael Scheer

PATENT CENTER # 80460544

FILING DATE 04/29/2024

CUSTOMER # 62439

FIRST NAMED INVENTOR Gary Thomas Baker Jr.

CORRESPONDENCE ADDRESS -

AUTHORIZED BY -

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
1060-2 Executed Power of Attorney to prosecute Applicatiuons.pdf	2	Power of Attorney	582 KB
Warning: The PDF file has been signed with a digital signature and the legal effect of the document will be based on the contents of the file not the digital signature.			
1060-2 Statement under 37 CFR 3.73c.pdf	7	Assignee showing of ownership per 37 CFR 3.73	3855 KB

Warning: The attached file contains comments or annotations. Comments are not recommended and may cause processing problems with the document.

Digest

DOCUMENT**MESSAGE DIGEST(SHA-512)**

1060-2 Executed Power of
Attorney to prosecute
Applicatiuons.pdf

CD384AA53490C10C6EF393C9A2E88D216B6C94CFB930FD6C
19E704B764B08A59B574FE13571E618BFC35979CB901A35771
CCA2037FCA81F55A28DBD5209C7001

1060-2 Statement under 37
CFR 3.73c.pdf

3EB9EC0D307AB11A441C4A2B5603ED92FBA19C079974CCDE
23EA1874CFE1BBD007497C01680FF7C640A96A39A6F706007
FAD10F11B78D3E6C4274B11207B9063

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STATEMENT UNDER 37 CFR 3.73(c)

First Named Inventor/Patent Owner: Samscloud LLC

Application No./Patent No.: 18/648,671 Filed/Issue Date: 04/29/2024

Titled: SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING
Samscloud LLC, a Corporation

(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: _____ To: _____

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

2. 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*.

[Page 1 of 2]

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STATEMENT UNDER 37 CFR 3.73(c)

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☐ 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.

/Michael Scheer/

Signature

Michael Scheer

Printed or Typed Name

August 18, 2026

Date

34425

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>

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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.

ASSIGNMENT OF PATENT RIGHTS

This Assignment of Patent Rights (this "Assignment") is entered into and effective as of 7/17/2026 (the "Effective Date") by Gary Thomas Baker Jr., an individual, having an address at 11131 Carriage Lake Dr., Houston, TX 77065 ("Assignor"), in favor of Samscloud LLC, a Texas limited liability company, having an address at 11131 Carriage Lake Dr., Houston, TX 77065 ("Assignee").

For good and valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor agrees as follows:

1. Assigned Patent Rights

The "Assigned Patent Rights" means all of Assignor's right, title, and interest in and to:

- (a) **Listed Rights.** Each United States patent and patent application identified in Schedule I, together with the inventions and discoveries disclosed or claimed in each;
- (b) **Family Rights.** All United States and foreign patents and patent applications, whether now existing or later filed or issued, that claim priority to or the benefit of, or to which any item identified in Schedule I claims priority or the benefit of, or are continuations, divisionals, reissues, reexaminations, substitutions, renewals, extensions, PCT applications, national-stage applications, or foreign counterparts of any item identified in Schedule I, together with all patents issuing from any of the foregoing and all rights to file, prosecute, maintain, defend, and obtain such rights. A continuation-in-part is included only if it is specifically identified in Schedule I or a separate written amendment signed by both parties;
- (c) **Term and Corrective Rights.** All rights of priority and all rights to patent term adjustment, patent term extension, renewal, revival, correction, disclaimer, reissue, reexamination, supplemental examination, and other extensions or restorations associated with the rights described above; and
- (d) **Provisional and Pre-Issuance Rights.** All provisional rights, pre-issuance rights, and analogous rights associated with the rights described above, including rights arising under 35 U.S.C. § 154(d).

2. Present Assignment of Ownership

Assignor hereby irrevocably sells, assigns, transfers, conveys, and delivers to Assignee the entire right, title, and interest of Assignor in and to the Assigned Patent Rights, throughout the world, for the full term of those rights and all renewals, restorations, adjustments, extensions, and other continuations of that term. This is a present assignment, not merely a promise to assign in the future.

3. Express Assignment of Claims and Rights to Sue for Past Infringement

Without limiting Section 2, Assignor hereby expressly and irrevocably assigns and transfers to Assignee, together with title to the Assigned Patent Rights and not separately from that title, all accrued and unaccrued claims, causes of action, choses in action, rights to sue, rights of recovery, and rights to obtain relief for any infringement, unauthorized use, or other violation of the Assigned Patent Rights based on acts occurring at any time before, on, or after the Effective Date, including all rights to sue for and recover for past, present, and future infringement. The assigned rights include claims that are known or unknown, suspected or unsuspected, asserted or unasserted, and whether or not the conduct was previously the subject of notice, demand, negotiation, an administrative proceeding, litigation, settlement discussions, judgment, or appeal.

The foregoing transfer includes the sole and exclusive rights to investigate, make demands, commence actions, assert counterclaims, join or substitute parties, intervene, maintain, prosecute, defend, appeal, settle, compromise, release, license, and otherwise resolve such claims in Assignee's own name, and to seek, obtain, receive, and collect all proceeds and remedies, including reasonable royalties, lost profits,

enhanced damages, provisional-rights compensation, prejudgment and post-judgment interest, costs, attorneys' fees, injunctive relief, and all other legal or equitable relief. Any judgment, settlement right, account receivable, or other recovery attributable to an assigned claim is also assigned to Assignee; if a separate instrument is required to transfer a particular judgment or recovery, Assignor shall execute it promptly at Assignee's request and expense.

4. Exclusive Enforcement Control and Recoveries

Assignee shall have sole and exclusive control over whether, when, where, and how to investigate, license, assert, defend, settle, or otherwise enforce the Assigned Patent Rights and the assigned claims. Assignee has no obligation to commence or continue any enforcement activity. Assignor retains no ownership, license, enforcement, consent, approval, settlement, release, or proceeds right and shall not take any action inconsistent with Assignee's exclusive rights. Assignor and Assignee each represent that no oral or written collateral agreement grants any person a direct right to license, enforce, settle, control, receive patent-specific proceeds from, or cause the reversion of any Assigned Patent Right.

5. Further Assurances

At Assignee's reasonable request, Assignor shall, without additional compensation but at Assignee's reasonable expense, execute further documents, provide reasonably requested information, and take reasonable actions necessary to evidence, record, perfect, prosecute, maintain, defend, or enforce the Assigned Patent Rights and the rights transferred under this Assignment.

6. Ownership and Authority Representations

Assignor is the sole owner of the entire right, title, and interest in each Assigned Patent Right and of each claim and right of recovery assigned herein. Assignor represents and warrants, as of the Effective Date, that: (a) Assignor owns the entire legal and beneficial interest being conveyed; (b) Assignor has full power and authority to execute and perform this Assignment; (c) there is no prior assignment, obligation to assign, license of any kind—whether exclusive or nonexclusive, express or implied, paid-up, royalty-free, field-limited, or otherwise—sublicense, shop right, covenant not to sue, release, waiver, estoppel, settlement, government right, standards commitment, patent grant, lien, security interest, option, right of first refusal, or other grant or encumbrance affecting any Assigned Patent Right; (d) no third party owns an undivided or other ownership interest in the Assigned Patent Rights; and (e) Assignor has not previously assigned or transferred any claim, right to sue, judgment, settlement right, or recovery for past infringement of the Assigned Patent Rights. Assignor shall not later execute any instrument or take any action inconsistent with this Assignment.

7. Recordation; Copies

Assignee may record this Assignment, or a copy or confirmatory version of it, with the United States Patent and Trademark Office and any other appropriate office or registry. Assignor authorizes such recordation. A scanned, electronic, or certified copy of this Assignment may be treated as an original for recordation and evidentiary purposes to the extent permitted by law.

8. Miscellaneous

- (a) **Binding Effect.** This Assignment binds and benefits the Assignor and Assignee and their respective heirs, legal representatives, successors, and assigns;
- (b) **Counterparts and Electronic Signatures.** This Assignment may be executed in counterparts and by electronic signature or PDF exchange, each of which is deemed an original and all of which together constitute one instrument;
- (c) **Governing Law.** This Assignment is governed by the laws of Texas, without regard to conflict-of-laws rules, except to the extent federal patent law controls an issue;

(d) **Entire Agreement.** This Assignment states the parties' complete agreement concerning the conveyance described here; and

(e) **Severability and Amendment.** An unenforceable provision shall be enforced to the maximum extent permitted and severed only to the minimum extent necessary. Any amendment must be in a writing signed by both parties. Any waiver must be in a writing signed by the party against whom it is asserted.

IN WITNESS WHEREOF, Assignor has executed this Assignment individually, and Assignee has caused this Assignment to be executed by its duly authorized representative, effective as of the Effective Date.

ASSIGNOR

Assignor: Gary Thomas Baker Jr.

By: G. Baker

Name: Gary Thomas Baker Jr.

Title: N/A

Date: 7/17/2026

ACCEPTED AND AGREED BY ASSIGNEE

Assignee: Samschoud LLC

By: G. Baker

Name: Gary Thomas Baker Jr.

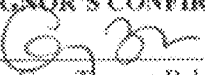
Title: Chief Executive Officer

Date: 7/17/2026

SCHEDULE 1 — ASSIGNED PATENT RIGHTS

Item	U.S. Patent / Application No.	Title	Filing / Issue Date	Assignor Interest
1	Provisional App. No. 62/814,097	SYSTEMS AND METHODS TO FACILITATE COMMUNICATION BETWEEN A SUPERVISOR DEVICE AND A SUPERVISED USER DEVICE BASED ON GEO- FENCING	Filed March 5, 2019	100%
2	Pat. No. 11,468,757 issued from App. No. 16/810,703	SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	Issued Oct. 11, 2022	100%
3	Pat. No. 12,154,421 issued from Continuation-in-Part App. No. 18/045,781	SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	Issued Nov. 26, 2024	100%
4	Reissue App. No. 18/648,671	SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	Filed Apr. 29, 2024	100%
5	Continuation-in-Part App. No. 18/936,828	SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	Filed Nov. 4, 2024	100%

ASSIGNOR'S CONFIRMATION OF SCHEDULE 1

By: 
Name: Gary Thomas Baker Jr.
Title: N/A
Date: 7/17/2026



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/648,671	04/29/2024	Gary Thomas Baker Jr.	TUP54874	1752
62439 7590 06/04/2026 Sinorica LLC dba Thoughts to Paper 20251 Century Blvd Ste 140 Germantown, MD 20874			EXAMINER CARLSON, JEFFREY D	
			ART UNIT 3992	PAPER NUMBER
			NOTIFICATION DATE 06/04/2026	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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

SINORICA@GMAIL.COM
pair@sinorica.com
sinorica@outlook.com

REISSUE OFFICE ACTION

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

This is a reissue office action for US Patent 11,468,757, which included original patent claims 1–18. Applicant requested amendment of the claims on 4/29/2024. Claims 1–18 are pending.

Declaration and Reason for Reissue

This Reissue has been filed pursuant to the original patent being at least partly inoperative or invalid by reason of “claiming more or less than he had the right”, specifically:

“The claim amendments submitted on May 19, 2022 was incorrectly prepared based on the claims from the initial filing (March 5, 2020) which was not the then current claims. Instead, the then current claims should be the claims submitted on October 4, 2021. The Examiner issued the Notice of Allowability on June 9, 2022 based on the incorrect claim amendments submitted on May 19, 2022. The Applicant initiated a telephone interview on July 15, 2022 with the Examiner requesting corrections to the claims. However, the final allowed claims did not realize the request of corrections.” (4/29/2024 declaration p. 1).

The reissue oath/declaration filed with this application is defective (see 37 CFR 1.175 and MPEP § 1414) because of the following:

- It fails to “specifically identify an error . . . by reference to the specific claim(s) and the specific claim language wherein lies the error”, as per MPEP 1414 II. The declaration describes the circumstances, but not the specific claim language.

Claim Objections

Claims 9 and 18 are objected to for failing to include the proper formatting required by 37 CFR 1.173 which states:

“(d) Changes shown by markings. Any changes relative to the patent being reissued which are made to the specification, including the claims, upon filing, or by an amendment paper in the reissue application, must include the following markings:

- (1) The matter to be omitted by reissue must be enclosed in brackets; and
- (2) The matter to be added by reissue must be underlined”

and

“(g) Amendments made relative to the patent. All amendments must be made relative to the patent specification, including the claims, and drawings, which are in effect as of the date of filing of the reissue application.

Applicant fails to present the matter to be omitted in brackets.

Claim Interpretation

The following is a quotation of 35 U.S.C. 112(f):

(f) ELEMENT IN CLAIM FOR A COMBINATION.—An element in a claim for a combination may be expressed as a means or step for performing a specified function without the recital of structure, material, or acts in support thereof, and such claim shall be construed to cover the corresponding structure, material, or acts described in the specification and equivalents thereof.

The claims in this application are given their broadest reasonable interpretation using the plain meaning of the claim language in light of the specification as it would be understood by one of ordinary skill in the art. The broadest reasonable interpretation of a claim element (also commonly referred to

as a claim limitation) is limited by the description in the specification when 35 U.S.C. 112(f) is invoked.

As explained in MPEP § 2181, subsection I, claim limitations that meet the following three-prong test will be interpreted under 35 U.S.C. 112(f):

- (A) the claim limitation uses the term “means” or “step” or a term used as a substitute for “means” that is a generic placeholder (also called a nonce term or a non-structural term having no specific structural meaning) for performing the claimed function;
- (B) the term “means” or “step” or the generic placeholder is modified by functional language, typically, but not always linked by the transition word “for” (e.g., “means for”) or another linking word or phrase, such as “configured to” or “so that”; and
- (C) the term “means” or “step” or the generic placeholder is not modified by sufficient structure, material, or acts for performing the claimed function.

Use of the word “means” (or “step”) in a claim with functional language creates a rebuttable presumption that the claim limitation is to be treated in accordance with 35 U.S.C. 112(f). The presumption that the claim limitation is interpreted under 35 U.S.C. 112(f) is rebutted when the claim limitation recites sufficient structure, material, or acts to entirely perform the recited function.

Absence of the word “means” (or “step”) in a claim creates a rebuttable presumption that the claim limitation is not to be treated in accordance with 35 U.S.C. 112(f). The presumption that the claim limitation is not interpreted under 35 U.S.C. 112(f) is rebutted when the claim limitation recites function without reciting sufficient structure, material or acts to entirely perform the recited function.

Claim limitations in this application that use the word “means” (or “step”)

are being interpreted under 35 U.S.C. 112(f) except as otherwise indicated in an Office action. Conversely, claim limitations in this application that do not use the word “means” (or “step”) are not being interpreted under 35 U.S.C. 112(f) except as otherwise indicated in an Office action.

Claim	112 6 th or 112(f) phrase	Potential Structure
1–2, 6, 9–11, 15 and 18	communication device	“the method may be performed by a server computer in communication with one or more client devices over a communication network” (6:30–32).
1–3 and 10–12	supervisor device	“the supervisor device 4102, in an instance, may include devices such as (but not limited to) smartphones, smartwatches, laptops, PCs, etc.” (24:7–9).
1–7, 9–16 and 18	processing device	“the server computer may include a processing device configured for performing data processing tasks” (6:56–57). “Embodiments of the disclosure may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote memory storage devices” (28:40–46).
1, 3, 8–10, 12 and 17–18	supervisee device	“the supervised user device 4104, in an instance, may include devices such as (but not limited to) smartphones, smartwatches, laptops, PCs, etc.” (24:25–28).
1, 4, 7, 10, 13 and 16	storage device	“the computing device 4300 may also include additional data storage devices (removable and/or non-removable) such as,

		for example, magnetic disks, optical disks, or tape” (27:40–43).
8 and 17	sensor	“the one or more sensors may include, but are not limited to, a timing device (e.g. a real-time clock), a location sensor (e.g. a GPS receiver, a GLONASS receiver, an indoor location sensor, etc.), a biometric sensor (e.g. a fingerprint sensor), an environmental variable sensor (e.g. temperature sensor, humidity sensor, pressure sensor, etc.) and a device state sensor (e.g. a power sensor, a voltage/current sensor, a switch-state sensor, a usage sensor, etc. associated with the device corresponding to performance of the or more steps)” (8:12–20).

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112(a):

(a) IN GENERAL.—The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor or joint inventor of carrying out the invention.

Claims 10–18 are rejected under 35 U.S.C. 112(a) as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor or a joint inventor, at the time the application was filed, had possession of the claimed invention.

- Claim 10 requires “receiving at least one supervisor data associated with a supervisee from at least one supervisee device”. The disclosure repeatedly refers to such data as “supervisee data”. The disclosure further fails to include any use of the term “supervisor data”.

Claim Rejections - 35 USC § 112

The following is a quotation of 35 U.S.C. 112(b):

(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

Claims 2, 5–8 and 10–18 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

- Claims 2, 5–7, 11 and 14–16, it is not clear which particular “determining” is being referenced at the end of the claim. The independent claim sets forth a determining and each of these dependent claims also sets forth a determining.
- Claims 7 and 16, there is no antecedent basis for “the generating of the supervision data”.
- Claim 8, it is not clear how the method is being further limited. The dependent claim describes structure without further defining the method with additional step(s).
- Claim 10 is unclear due to the circular and self-referential nature of the “communication device configured for...receiving, using a communication

device” (p. 4) and “[communication device configured for] ... receiving, using the communication device” (p. 5).

35 USC § 251 Rejections

Claims 1–18 are rejected as being based upon a defective reissue declaration under 35 U.S.C. 251 as set forth above. See 37 CFR 1.175.

Claims 10–18 are rejected under 35 U.S.C. 251 as being based upon new matter added to the patent for which reissue is sought. The added material which is not supported by the prior patent is detailed elsewhere in this office action, see “Claim Rejections - 35 USC § 112”.

The nature of the defect(s) in the declaration is set forth in the discussion above in this Office action.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re*

Thorington, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The filing of a terminal disclaimer by itself is not a complete reply to a nonstatutory double patenting (NSDP) rejection. A complete reply requires that the terminal disclaimer be accompanied by a reply requesting reconsideration of the prior Office action. Even where the NSDP rejection is provisional the reply must be complete. See MPEP § 804, subsection I.B.1. For a reply to a non-final Office action, see 37 CFR 1.111(a). For a reply to final Office action, see 37 CFR 1.113(c). A request for reconsideration while not provided for in 37 CFR 1.113(c) may be filed after final for consideration. See MPEP §§ 706.07(e) and 714.13.

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The actual filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers,

refer to www.uspto.gov/patents/apply/applying-online/eternal-disclaimer.

Claims 1–18 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1–8, 10–18 and 20 of prior U.S. Patent No. 12,154,421. Although the claims at issue are not identical, they are not patentably distinct from each other because it would have been obvious for:

- (reissue claim 1) the processing device to have been configured to perform the analyzing, determining and generating already present in claim 1.
- (reissue claim 10) the received “data associated with a supervisee from at least one supervisee device” already present in claim 10 to represent “supervisor data”, given that the data is used to by a supervisor to supervise the location/actions of the supervisee.
 - Applicant is reminded that should claim 10 be amended (to address the § 112(a), 112(b) rejections) such that it matches claim 11 of US 12,154,421, the claim would be subject to a statutory double patenting rejection.

Notification of Proceedings and Material Information

Applicant is reminded of the continuing obligation under 37 CFR 1.178(b), to timely apprise the Office of any prior or concurrent proceeding in which this patent is or was involved. These proceedings would include any trial before the Patent Trial and Appeal Board, interferences, reissues, reexaminations, supplemental examinations, and litigation.

Applicant is further reminded of the continuing obligation under 37 CFR 1.56, to timely apprise the Office of any information which is material to patentability of the claims under consideration in this reissue application.

These obligations rest with each individual associated with the filing and

prosecution of this application for reissue. See also MPEP §§ 1404, 1442.01 and 1442.04.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEFFREY D CARLSON whose telephone number is (571) 272-6716. The examiner can normally be reached Mon-Fri 7:30 am to 5:00 pm, off 1st Fri.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Fuelling can be reached on (571) 270-1367. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO

Application/Control Number: 18/648,671
Art Unit: 3992

Page 12

Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or
571-272-1000.

/JEFFREY D CARLSON/
Primary Examiner, Art Unit 3992

Conferees:

/C. Michelle Tarae/
Reexamination Specialist, Art Unit 3992

/M.F/
Supervisory Patent Examiner, Art Unit 3992

<i>Notice of References Cited</i>	Application/Control No. 18/648,671		Applicant(s)/Patent Under Reexamination Baker, Gary Thomas	
	Examiner Jeffrey D Carlson		Art Unit 3992	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
*	A	US-9788161-B1	2017-10-10	Xu; Sen	H04W4/025	1/1
*	B	US-20170316015-A1	2017-11-02	Laventman; Gennady	G06F16/29	1/1
*	C	US-20060099971-A1	2006-05-11	Staton; Houston	H04W4/029	455/456.6
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Country	Name	CPC 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 YYYY-MM-DD format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 18/648,671	Applicant(s)/Patent Under Reexamination Baker, Gary Thomas
	Examiner Jeffrey D Carlson	Art Unit 3992

CPC - Searched*		
Symbol	Date	Examiner
G08B21/0261 or G08B21/0208 or G08B21/0255 or H04W12/009 or H04W12/64 or H04W12/67 or G08B21/0269	05/27/2026	jdc

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
PE2E SEARCH including AI searches (see attached)	05/27/2026	jdc
Inventor name (not assigned) search (see attached SEARCH)	05/27/2026	jdc
Reviewed history of patented file	05/27/2026	jdc
Searched PDP (Patent Data Portal) for family data - family cases reviewed	05/27/2026	jdc

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/JEFFREY D CARLSON/ Primary Examiner, Art Unit 3992	
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PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1	"11468757".pn.	(USPAT)	OR	ON	ON	2025/09/30 12:58 PM
L2	451	(gary near4 baker).in. AND (@ad < "20180305" OR @pd < "20180305")	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 01:55 PM
L3	0	2 AND (geofenc\$4)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 01:55 PM
L4	49386	(geofenc\$4)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 01:56 PM
L5	138	(geofenc\$4) AND baker.in.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 01:56 PM
L6	5	(geofenc\$4) AND (gary near4 baker).in.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 01:56 PM
L7	19616	geofenc\$6 AND (@ad < "20190305" OR @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 02:03 PM

L8	968	(geofenc\$6) SAME (grid OR box) AND (@ad < "20190305" OR @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO)); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 02:03 PM
L9	9	(geofenc\$6) SAME (grid WITH boxes) AND (@ad < "20190305" OR @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO)); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 02:04 PM
L10	1	(geofenc\$6) SAME (grid WITH boxes) AND (@ad < "20190305" OR @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO)); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	ON	2026/05/27 02:05 PM
L11	38	(Artificial Intelligence) More like doc: EP-3117634-B1 Text: (JP-4879326-B2 OR US-8224348-B2 OR US-8849254-B2 OR TW-201227507-A OR US-8983953-B2 OR US-20140095296-A1 OR US-20140172573-A1 OR US-10380636-B2 OR US-10331631-B2 OR EP-3117634-B1 OR US-9788161-B1 OR US-9426620-B2 OR WO-2015138683-A9 OR US-20150264523-A1 OR DK-3117634-T3 OR EP-3117634-A1 OR WO-2015138683-A1 OR US-20170316015-A1 OR CA-2894142-A1 OR AU-2013355021-B2).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN)); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	ON	2026/05/27 02:15 PM
L13	38	11 AND (@ad < "20190305" pr @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	OR	OFF	ON	2026/05/27 02:16 PM

L14	20	11 AND (box OR grid) AND (@ad < "20190305" pr @pd < "20190305")	IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 02:17 PM
L15	1749	geohash\$3 AND (@ad < "20190305" pr @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 02:37 PM
L16	15	(geofenc\$4 SAME geohash\$4) AND (granular\$6) AND (@ad < "20190305" pr @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 02:56 PM
L17	42	(Artificial Intelligence) More like doc: US-11468757-B2 Text: (US-6265974-B1 OR US-7881733-B2 OR US-20070252690-A1	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	OR	ON	ON	2026/05/27 03:03 PM

L18	35	OR US-8489110-B2 OR US-11864051-B2 OR US-8700423-B2 OR US-20110227730-A1 OR JP-5397699-B2 OR US-8942692-B2 OR JP-6238542-B2 OR US-10276017-B2 OR CA-2990184-A1 OR US-9852597-B2 OR AU-2017293323-B2 OR US-10424178-B2 OR US-20190279481-A1 OR US-20190285416-A1 OR US-20200286355-A1 OR US-11468757-B2 OR US-12154421-B2).did. 17 AND (@ad < "20190305" pr @pd < "20190305")	IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 03:05 PM
L19	5	17 AND (grid OR boxes OR geohash\$4) AND (@ad < "20190305" pr @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 03:06 PM
L20	18461	(G08B21/0261 OR G08B21/0208 OR G08B21/0255 OR H04W12/009 OR H04W12/64 OR H04W12/67 OR G08B21/0269).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	OR	ON	ON	2026/05/27 03:08 PM

L21	646	AND (@ad < "20190305" pr @pd < "20190305")	IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 03:09 PM
L22	216	20 AND geofenc\$5 AND (grid OR box)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 03:09 PM
L23	18	20 AND geofenc\$5 SAME (grid OR box)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 03:09 PM

L24	8	20 AND ((grid OR box) near3 parameter) AND (@ad < "20190305" pr @pd < "20190305")	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO)); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2026/05/27 03:25 PM
L25	41	(Artificial Intelligence) Similar to: 18/648,671 with 0 CPC Selections and 0 Text Selections Text: (JP-H05158675-A OR CN-110609915-A OR JP-H06149555-A OR CN-111368425-B OR JP-H05313866-A OR JP-7187834-B2 OR US-20080275756-A1 OR US-20220051696-A1 OR US-20040080611-A1 OR JP-H06175837-A OR JP-7176243-B2 OR US-8266580-B2 OR JP-7392476-B2 OR CN-106682320-A OR JP-2005122295-A OR CN-113419723-B OR CN-110717032-A OR JP-2008146206-A OR JP-2019036105-A OR JP-2812258-B2 OR US-20190384779-A1 OR JP-2019219791-A OR JP-H01310475-A OR CN-108170953-B OR AU-2005239627-A1 OR CN-115048780-A OR JP-H09319745-A OR JP-H086791-A OR JP-H05242179-A OR US-20070192759-A1 OR JP-S62281061-A OR JP-S617538-B2 OR SE-344998-B OR JP-H05189508-A OR CN-102301738-A OR US-7665025-B2 OR SE-348446-B OR NL-7014098-A OR SE-355050-B OR CN-103049603-B OR EP-2439691-A1 OR US-20060277487-A1 OR SE-324210-B OR CN-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2026/05/27 03:26 PM

L26	48	116028156-A OR BE-689941-A OR JP-S4962067-A OR SE-366443-B OR SE-368756-B OR JP-S615292-B2 OR SE-355044-B).did. (Artificial Intelligence) Similar to: 18/648,671 with 0 CPC Selections and 1 Text Selection Text: (CN-118770386-A OR CN-111177340-B OR DE-10065542-C2 OR CN-215925681-U OR CN-118770386-B OR CN-108943884-B OR CN-202593439-U OR EP-3150088-A1 OR EP-0554555-B1 OR CN-101131688-A OR IL-29179-A OR CN-223639169-U OR CN-114327582-A OR CN-112074920-B OR US-6567652-B1 OR CN-117113933-B OR BR-102014025816-A2 OR JP-2001332933-A OR FR-2634359-A1 OR CN-215948625-U OR CN-120509471-A OR CN-215851835-U OR CN-101131688-B OR KR-0136434-B1 OR CN-114947699-A OR CN-115928883-B OR WO-2023100771-A1 OR CN-113918813-B OR GB-2587861-A OR US-11121116-B2 OR CN-119652857-A OR CN-113918813-A OR DE-102022118114-B4 OR CN-120050469-A OR CN-102947763-A OR US-20160251649-A1 OR DE-102017216981-A1 OR CN-116378304-A OR CN-212358598-U OR CN-103261527-A OR CN-114766795-A OR CN-110867416-A OR EP-2183721-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2026/05/27 03:28 PM
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		CN-111287338-A OR DE-202017000269-U1 OR CN-110400794-B OR KR-20190036333-A OR DE-102020130849- A1 OR US- 20140279925-A1 OR CN-111424882-A).did.					
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PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
18/648,671	04/29/2024	2685	668	TUP54874	18	2

62439

Sinorica LLC dba Thoughts to Paper
20251 Century Blvd Ste 140
Germantown, MD 20874

CONFIRMATION NO. 1752
REPLACEMENT FILING RECEIPT



00000000/2321194

Date Mailed: 05/09/2024

Receipt is acknowledged of this reissue 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 FIRST INVENTOR, 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 corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction 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 provided that the request is grantable.

Inventor(s)

Gary Thomas Baker, Jr., Houston, TX;

Applicant(s)

Gary Thomas Baker, Jr., Houston, TX;

Power of Attorney: The patent practitioners associated with Customer Number 062439

Domestic Priority data as claimed by applicant

This application is a REI of 16/810,703 03/05/2020 PAT 11,468,757

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 Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 05/07/2024

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 18/648,671**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** MICRO ENTITY ****

Title

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

Preliminary Class

340

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

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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

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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).

LICENSE FOR FOREIGN FILING UNDER
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Title 37, Code of Federal Regulations, 5.11 & 5.15

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Litigation Search Report CRU 3999

Reexamination Control No. 18/648,671

To:	PATEL	From:	SALDANA
Location:	REM04C71	Location:	REM04C71
Art Unit:	3992	Phone:	571-272-7740
Date:	<u>09 May 2024</u>	E-mail:	MANUEL.SALDANA@USPTO.GOV

Search Notes

NO LITIGATION FOUND FOR US PAT. 11,468,757

1. Performed a KeyCite Search in Westlaw, which retrieves all history on the patent including any litigation.
2. Performed a search on the patent in Lexis CourtLink for any open dockets or closed cases.
3. Performed a search in Lexis in the Federal Courts and Administrative Materials databases for any cases found.
4. Performed a search in Lexis in the IP Journal and Periodicals database for any articles on the patent.
5. Performed a search in Lexis in the news databases for any articles about the patent or any articles about litigation on this patent.



Client: -None- ▾

Folders

History



Help



Results for: 11,468,757

Natural Language ▾

**Cases**

0

Statutes and Legislation

0

Practical Guidance

0

Secondary Materials

0

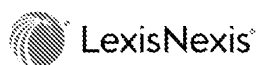
Administrative Materials

0

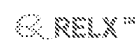
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User Name: Manuel Saldana

Date and Time: Thursday, May 9, 2024 6:25:00AM EDT

Job Number: 223877992

Document (1)

1. US Patent Issued on Oct. 11 for "Systems and methods for facilitating supervision of individuals based on geofencing" (Texas Inventor)

Client/Matter: -None-

Search Terms: 11,468,757

Search Type: Natural Language

Narrowed by:

Content Type

Narrowed by
-None-

US Patent Issued on Oct. 11 for "Systems and methods for facilitating supervision of individuals based on geofencing" (Texas Inventor)

US Fed News

October 12, 2022 Wednesday GENERAL_EDIT_CORRECTION ERROR Document ID 1081 Has error Validate old format failed - Input Date Invalid - 00:44: Unparseable date: "00:44" EST

please contact Editor at contentservices@htlive.com

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Length: 289 words

Load-Date: October 11, 2022

Dateline: ALEXANDRIA, Va.

Body

End of Document

ALEXANDRIA, Va., Oct. 12 -- United States Patent no. **11,468,757**, issued on Oct. 11.

"Systems and methods for facilitating supervision of individuals based on geofencing" was invented by Gary Thomas Baker Jr. (Houston). According to the abstract* released by the U.S. Patent & Trademark Office: "Disclosed herein is a method for facilitating supervision of individuals based on geofencing. Accordingly, the method may include receiving, using a communication device, a parameter from a supervisor device associated with a supervisor and a geographical location from the supervisor device. Further, the method may include analyzing, using a processing device, the geographical location based on a security parameter and generating a geofence corresponding to a geographical area based on the analyzing. Further, the method may include receiving, using the communication device, supervisee data associated with a supervisee from a supervisee device. Further, the method may include analyzing, using the processing device, the supervisee data based on the geofence and generating a supervision notification based on the analyzing of the supervisee data. Further, the method may include transmitting, using the communication device, the supervision notification to the supervisor device." The patent was filed on March 5, 2020, under Application No. 16/810,703. *For further information, including images, charts and tables, please visit:

<http://patft.uspto.gov/netaql/html:Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fmetahtml%2FPTO%2Fsearch.html&r=1&f=G&i=50&co1=AND&d=PTXT&s1=11468757&OS=11468757&RS=11468757> For any query with



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
18/648,671	04/29/2024	2685	668	TUP54874	18	2

CONFIRMATION NO. 1752

FILING RECEIPT



00000000/2000104

62439

Sinorica LLC dba Thoughts to Paper
20251 Century Blvd Ste 140
Germantown, MD 20874

Date Mailed: 05/03/2024

Receipt is acknowledged of this reissue 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 FIRST INVENTOR, 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 corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction 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 provided that the request is grantable.

Inventor(s)

Gary Thomas Baker, Jr., Houston, TX;

Applicant(s)

Gary Thomas Baker, Jr., Houston, TX;

Power of Attorney: The patent practitioners associated with Customer Number 062439

Domestic Priority data as claimed by applicant

and said 16/810,703 claims benefit of 62/814,097 03/05/2019

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 Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** MICRO ENTITY ****

Title

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON
GEOFENCING

Preliminary Class

340

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

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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

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

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

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PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 18/648,671				
Substitute for Form PTO-875										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY		
FOR		NUMBER FILED		NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)	
BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A	N/A			N/A	64	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A		N/A	N/A			N/A	140	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A	N/A			N/A	464	
TOTAL CLAIMS (37 CFR 1.16(i))		20	minus 20 =	*			OR	x	= 0	
INDEPENDENT CLAIMS (37 CFR 1.16(h))		3	minus 3 =	*				x	= 0	
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	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									0	
					TOTAL			TOTAL	668	
* If the difference in column 1 is less than zero, enter "0" in column 2.										
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE			OR	TOTAL ADD'L FEE	
		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	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.										



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ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/648,671

RECEIPT DATE / TIME
04/29/2024 11:31:16 AM Z ET

ATTORNEY DOCKET #
TUP54874

Title of Invention

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

Application Information

APPLICATION TYPE Utility - Reissue

PATENT # 11468757

CONFIRMATION # 1752

FILED BY Megan Huan

PATENT CENTER # 65288477

AUTHORIZED BY COLBY MACIAS

CUSTOMER # 62439

FILING DATE -

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Gary Thomas Baker Jr.

Payment Information

PAYMENT METHOD
CARD / 0975

PAYMENT TRANSACTION ID
E20244SB33455313

PAYMENT AUTHORIZED BY
Megan Huan

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
3314	REISSUE EXAMINATION FEE OR REISSUED (DESIGN CPA) EXAMINATION FEE	464.00	1	464.00
3114	REISSUE SEARCH FEE OR REISSUE (DESIGN CPA) SEARCH FEE	140.00	1	140.00
3014	FILING OF REISSUE PATENT APPLICATION	64.00	1	64.00
TOTAL AMOUNT:				\$668.00

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

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New International Application Filed with the USPTO as a Receiving Office

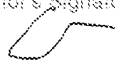
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will 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.

REISSUE APPLICATION DECLARATION BY THE INVENTOR	Docket Number (Optional) TUP54874
I hereby declare that: Each inventor's residence and mailing address are stated below next to their name. I believe I am the original inventor or an original joint inventor of the subject matter which is described and claimed in patent number <u>11,468,767</u> granted <u>October 11, 2022</u> and for which a reissue patent is sought on the invention titled <u>SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING</u>, the specification of which ☒ is attached hereto ☐ was filed on _____ as reissue application number _____ The above-identified application was made or authorized to be made by me. 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. I believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below (Check all boxes that apply.) ☐ by reason of a defective specification or drawing. ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent. ☒ by reason of other errors. At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, a claim that the application seeks to broaden must be identified. The claim amendments submitted on May 19, 2022 was incorrectly prepared based on the claims from the initial filing (March 5, 2020) which was not the then current claims. Instead, the then current claims should be the claims submitted on October 4, 2021. The Examiner issued the Notice of Allowability on June 9, 2022 based on the incorrect claim amendments submitted on May 19, 2022. The Applicant initiated a telephone interview on July 15, 2022 with the Examiner requesting corrections to the claims. However, the final allowed claims did not realize the request of corrections.	

[Page 1 of 2]

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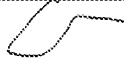
(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) TUP54874	
Note: To appoint a power of attorney, use form PTO/AIA/01 Correspondence Address: Direct all communications about the application to: ☒ The address associated with Customer Number: 062439 OR ☐ Firm or Individual Name			
Address:			
City		State	Zip
Country			
Telephone		Email	
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Legal name of sole or first inventor (E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Gary Thomas Baker Jr			
Inventor's Signature 		Date (Optional) 01/30/2024	
Residence: City Houston	State TX	Country US	
Mailing Address:			
11131 Carriage Lake Dr			
City Houston	State TX	Zip 77065	Country US
Additional joint inventors are named on the _____ supplemental sheet(s) PTO/AIA/10 attached hereto			

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA/82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	
Filing Date	
First Named Inventor	Gary Thomas Baker Jr
Title	SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING
Art Unit	
Examiner Name	
Attorney Docket Number	TUP54874

SIGNATURE of Applicant or Patent Practitioner

Signature		Date (Optional)	01/30/2024
Name	Gary Thomas Baker Jr	Registration Number	
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			
NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.			
☐ *Total of _____ forms are submitted.			

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

- ☒ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:
- OR
- ☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

- ☒ The address associated with the above-mentioned Customer Number
- OR
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- OR

☐ Firm or Individual Name				
Address				
City		State		Zip
Country				
Telephone		Email		

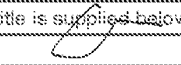
I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

--

- ☒ Inventor or Joint Inventor (title not required below)
- ☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- ☐ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- ☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	01/30/2024
Name	Gary Thomas Baker Jr.		
Title			

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/648,671

RECEIPT DATE / TIME
04/29/2024 11:31:16 AM Z ET

ATTORNEY DOCKET #
TUP54874

Title of Invention

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

Application Information

APPLICATION TYPE Utility - Reissue

PATENT # 11468757

CONFIRMATION # 1752

FILED BY Megan Huan

PATENT CENTER # 65288477

FILING DATE -

CUSTOMER # 62439

FIRST NAMED INVENTOR Gary Thomas Baker Jr.

CORRESPONDENCE ADDRESS -

AUTHORIZED BY COLBY MACIAS

Documents

TOTAL DOCUMENTS: 8

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
generatedADS65288477.pdf	5	Application Data Sheet	117 KB
POA_TUP54874.pdf	2	Power of Attorney	140 KB
reissue_16810703.pdf	9	Transmittal Reissue Application	44 KB
PTO15_TUP54874.pdf	1	Certification of Micro Entity (Gross Income Basis)	69 KB
Reissue_Transmittal_aia0050.pdf	2	Transmittal Reissue Application	404 KB
aia0053.pdf	2	Consent of Assignee accompanying the declaration	201 KB

Declaration_Reissue_TUP54874.pdf	2	Reissue Oath or Declaration	222 KB
US11468757__embed.pdf	62	Specification	5224 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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29613876D93F078ACE7ECEA1A2D8C71F453BBBCF54B1B1A607
D48BCEE45860994DC7619DB873DE05

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.

CERTIFICATION OF MICRO ENTITY STATUS (GROSS INCOME BASIS)			
Application Number or Control Number (if applicable):		Patent Number (if applicable):	
First Named Inventor: Gary Thomas Baker Jr		Title of Invention: SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING	
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 Web site 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 Web site 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 an authorized party set forth in 37 CFR 1.33(b)			
Signature			
Name		Gary Thomas Baker Jr	
Date	01/30/2024	Telephone	Registration No.
☐	There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. The required additional certification form(s) signed by the other joint inventor(s) are included with this form.		

REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional)
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Gary Thomas Baker Jr		
Patent Number 11468757	Date Patent Issued 10/11/2022	
Title of Invention SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING		
1. ☐ Filed herein is a statement under 37 CFR 3.73(c). (Form PTO/AIA/96) 2. ☒ Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect. One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee." The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.		
The assignee(s) owning an undivided interest in said original patent is/are _____, _____		
and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee (if assigned)/inventor (if not assigned) Gary Thomas Baker Jr		
Signature /Colby Macias/	Date 04-29-2024	
Typed or printed name and title of person signing for assignee (if assigned) Colby Macias		

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 0651-0033. Public burden for this form is estimated to average 6 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. If filing this completed form by mail, 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.

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: 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law; 2) a Federal, state, local, or international agency, in response to its request; 3) a contractor of the USPTO having need for the information in order to perform a contract; 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 9) 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.

Additional Uses

Additional USPTO uses of the information in this record may include disclosure to: 1) the International Bureau of the World Intellectual Property Organization, if the record is related to an international application filed under the Patent Cooperation Treaty; 2) the public i) after publication of the application pursuant to 35 U.S.C. 122(b), ii) after issuance of a patent pursuant to 35 U.S.C. 151, iii) 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, or iv) without publication of the application or patent under the specific circumstances provided for by 37 CFR 1.14(a)(1)(v)-(vii); and/or 3) the National Archives and Records Administration, for inspection of records.

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.

REISSUE PATENT APPLICATION TRANSMITTAL

Address to: Mail Stop Reissue Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		Attorney Docket No.	TUP54874	
		First Named Inventor	Gary Thomas Baker Jr	
		Original Patent Number	11468757	
		Original Patent Issue Date (Month/Day/Year)		
		Priority Mail Express® Label No.		
APPLICATION FOR REISSUE OF: (Check applicable box) ☒ Utility Patent ☐ Design Patent ☐ Plant Patent				
APPLICATION ELEMENTS (37 CFR 1.173)			ACCOMPANYING APPLICATION PARTS	
1. ☐ Fee Transmittal Form (PTO/SB/56)			11. ☒ Statement of status and support for all changes to the claims. See 37 CFR 1.173(c).	
2. ☐ Applicant asserts small entity status. See 37 CFR 1.27			12. ☒ Power of Attorney	
3. ☒ Applicant certifies micro entity status. See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.			13. ☐ Information Disclosure Statement (IDS) PTOSB/08 or PTO-1449 ☐ Copies of citations attached	
4. ☐ Specification and Claims in double column copy of patent format (amended, if appropriate)			14. ☐ English translation of Reissue Oath/Declaration (if applicable)	
5. ☐ Drawing(s) (proposed amendments, if appropriate)			15. ☐ Return Receipt Postcard (MPEP § 503) (Should be specifically itemized)	
6. ☒ Reissue Oath/Declaration or Substitute Statement (37 CFR 1.175) (PTO/AIA/05, 06, or 07)			16. ☐ Preliminary Amendment (37 CFR 1.173; MPEP § 1453)	
7. ☒ Application Data Sheet NOTE: Benefit claims under 37 CFR 1.78 and foreign priority claims under 37 CFR 1.55 MUST be set forth in an Application Data Sheet (ADS).			17. ☐ Other: _____ _____ _____ _____ _____ _____	
8. ☐ Original U.S. Patent currently assigned? ☐ Yes ☒ No (If Yes, check applicable box(es)) ☐ Written Consent of all Assignees (PTO/AIA/53) ☐ 37 CFR 3.73(c) Statement (PTO/AIA/96)			☐ This is a continuation reissue or divisional reissue application (i.e., a second or subsequent reissue application for the same issued patent). (Check box if applicable.)	
9. ☐ CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table ☐ Landscape Table on CD				
10. 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 (2 copies) or CD-R (2 copies); or				
ii. ☐ Paper				
c. ☐ Statements verifying identity of above copies				
18. CORRESPONDENCE ADDRESS				
☒ The address associated with Customer Number: 062439 OR ☐ Correspondence address below				
Name				
Address				
City	State	Zip Code		
Country	Telephone			
Email				
Signature	/Colby Macias/		Date	04-29-2024
Name (Print/Type)	Colby Macias	Registration No.	76516	

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 0651-0033. 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. If filing this completed form by mail, send to: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Routine uses of the information in this record may include disclosure to: 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law; 2) a Federal, state, local, or international agency, in response to its request; 3) a contractor of the USPTO having need for the information in order to perform a contract; 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 9) 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.

Additional Uses

Additional USPTO uses of the information in this record may include disclosure to: 1) the International Bureau of the World Intellectual Property Organization, if the record is related to an international application filed under the Patent Cooperation Treaty; 2) the public i) after publication of the application pursuant to 35 U.S.C. 122(b), ii) after issuance of a patent pursuant to 35 U.S.C. 151, iii) 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, or iv) without publication of the application or patent under the specific circumstances provided for by 37 CFR 1.14(a)(1)(v)-(vii); and/or 3) the National Archives and Records Administration, for inspection of records.



Application Data Sheet 37 CFR 1.76

The Application Data Sheet is part of the provisional or non-provisional 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.

Inventor Information

of inventors: 1

1. Gary Thomas Baker, Jr.

Residence Information

US Residency
Houston, TX
UNITED STATES

Mailing Address

11131 Carriage Lake
Houston, TX 77065
UNITED STATES

Application Information

Customer number 62439 -

Correspondence address ---

Title of invention SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS
BASED ON GEOFENCING

Attorney docket number TUP54874

Entity status ---

Application type Reissue

Subject matter Utility

Total number of drawing sheets ---

Suggested figure for publication ---

Filing by reference No

Publication request Normal eighteen-month publication

Representative Information

of representatives: 0

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).



Data was not provided for this section.

Domestic Benefit/National Stage Information

of benefit claims: 1

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c), 386(c), or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior app status Pending
Application number 16810703
Continuity type Claims benefit of provisional
Prior app number 62814097
Filing Date 03/05/2019

Foreign Priority Information

of foreign priority claims: 0

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the Application Data Sheet constitutes the claim for priority as required by 35 U.S.C. 119 (b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(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).



Data was not provided for this section.

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

Checking this box will cause the application to be examined under the first inventor to file provisions of the AIA.

☐

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 2016, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization or Opt-Out of Authorization to Permit Access

When this Application Data Sheet is properly signed and filled with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant must opt-out of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE:

This section of the Application Data Sheet is ONLY reviewed and processed with the INITIAL filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

Priority Document Exchange (PDX)

Unless box A in subsection 2 (opt-out of authorization) is 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 State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming

priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h) (1).

Search Results from U.S. Application to EPO

Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby grants the USPTO authority to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

B.

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐

A. Applicant DOES NOT authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐

B. Applicant DOES NOT authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with the search results from the instant application.

NOTE:

Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Applicant Information

of applicants: 0

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.



Data was not provided for this section.

Assignee Information including Non-Applicant Assignee Information

of assignees: 0

An assignee-applicant identified in the "Applicant" section will appear on the patent application as an applicant.

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.

 Data was not provided for this section.

Signature

NOTE:

This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c)

This Application Data Sheet must be signed by a patent practitioner if one or more of the applicants is a juristic entity (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, all joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of all joint inventor-applicants.

See CFR 1.4(d) for the manner of making signatures and certifications.

Signature	First name	Last name	Registration #	Date
/Colby Macias/	Colby	Macias	76516	04/29/2024



US011468757B2

(12) **United States Patent**
Baker, Jr.

(10) **Patent No.: US 11,468,757 B2**
(45) **Date of Patent: Oct. 11, 2022**

(54) **SYSTEMS AND METHODS FOR
FACILITATING SUPERVISION OF
INDIVIDUALS BASED ON GEOFENCING**

(71) Applicant: **Gary Thomas Baker, Jr.**, Houston, TX
(US)

(72) Inventor: **Gary Thomas Baker, Jr.**, Houston, TX
(US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 61 days.

(21) Appl. No.: **16/810,703**

(22) Filed: **Mar. 5, 2020**

(65) **Prior Publication Data**
US 2020/0286355 A1 Sep. 10, 2020

Related U.S. Application Data
(60) Provisional application No. 62/814,097, filed on Mar.
5, 2019.

(51) **Int. Cl.**
G08B 21/02 (2006.01)
H04W 12/00 (2021.01)
(52) **U.S. Cl.**
CPC **G08B 21/0261** (2013.01); **G08B 21/0208**
(2013.01); **G08B 21/0255** (2013.01); **H04W**
12/009 (2019.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,265,974 B1 * 7/2001 D'Angelo G08B 21/0247
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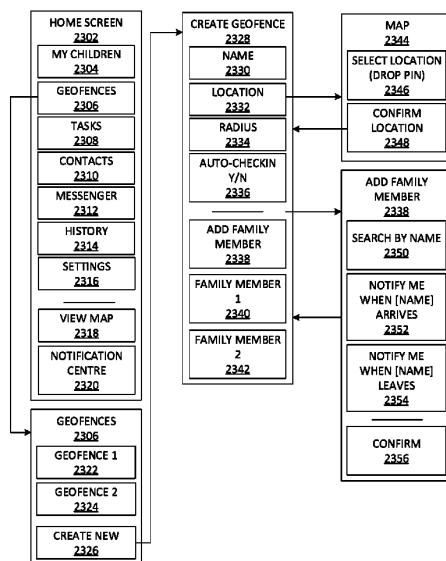
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Primary Examiner — Muhammad Adnan

(57) **ABSTRACT**

Disclosed herein is a method for facilitating supervision of individuals based on geofencing. Accordingly, the method may include receiving, using a communication device, a parameter from a supervisor device associated with a supervisor and a geographical location from the supervisor device. Further, the method may include analyzing, using a processing device, the geographical location based on a security parameter and generating a geofence corresponding to a geographical area based on the analyzing. Further, the method may include receiving, using the communication device, supervisee data associated with a supervisee from a supervisee device. Further, the method may include analyzing, using the processing device, the supervisee data based on the geofence and generating a supervision notification based on the analyzing of the supervisee data. Further, the method may include transmitting, using the communication device, the supervision notification to the supervisor device.

18 Claims, 43 Drawing Sheets



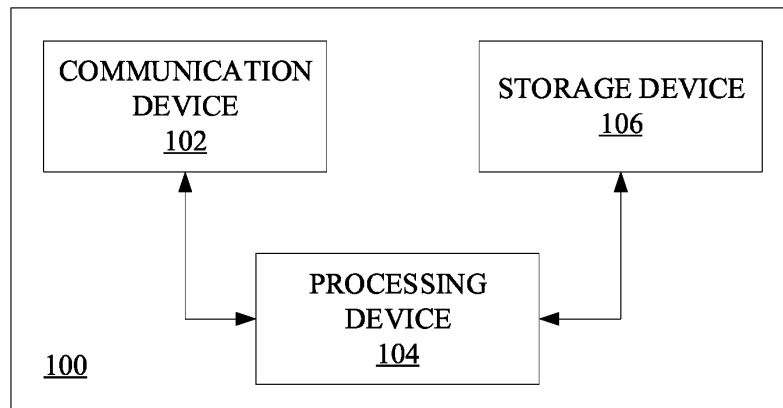
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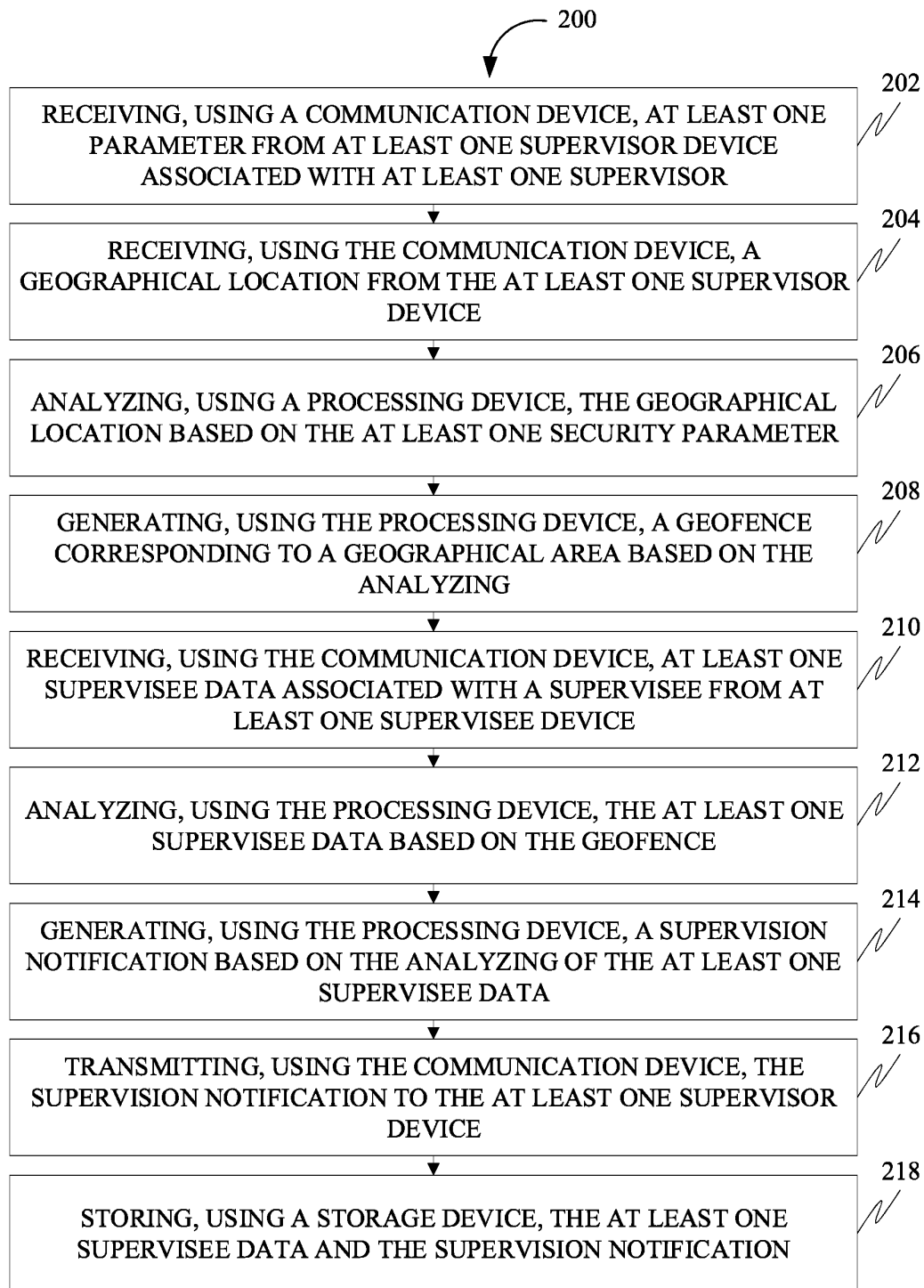
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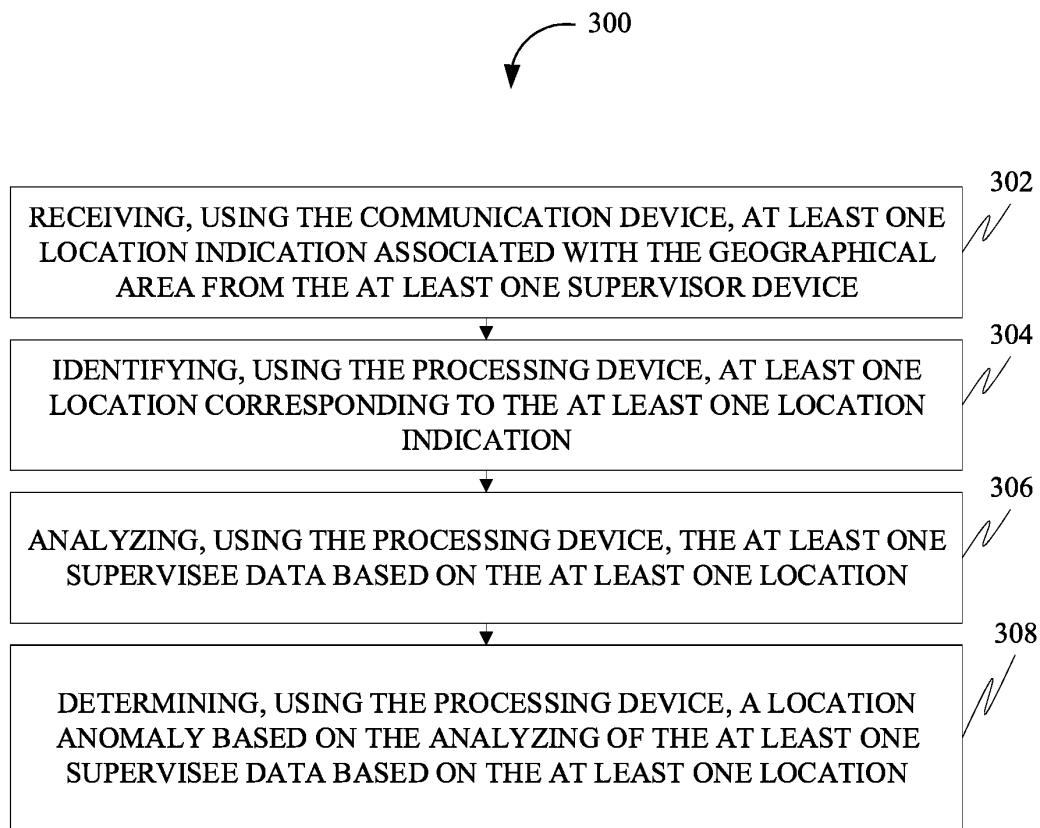
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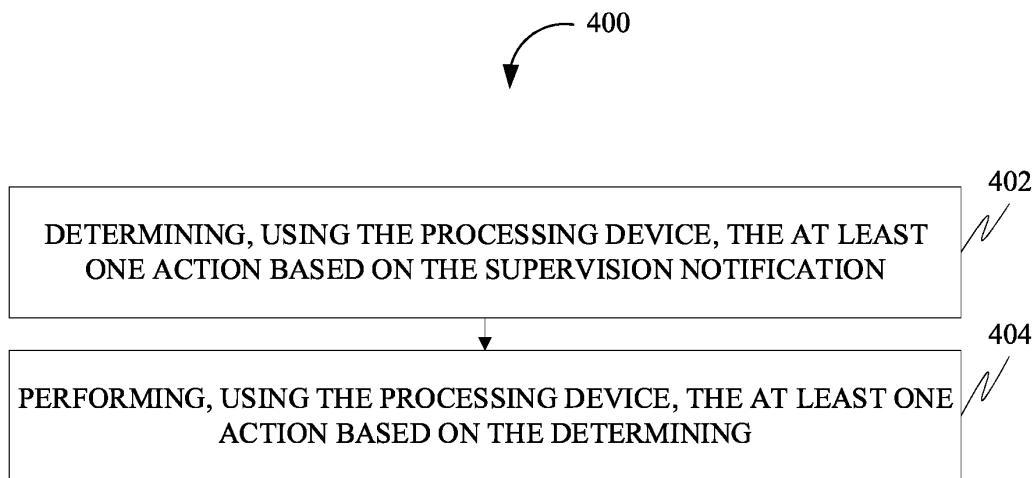
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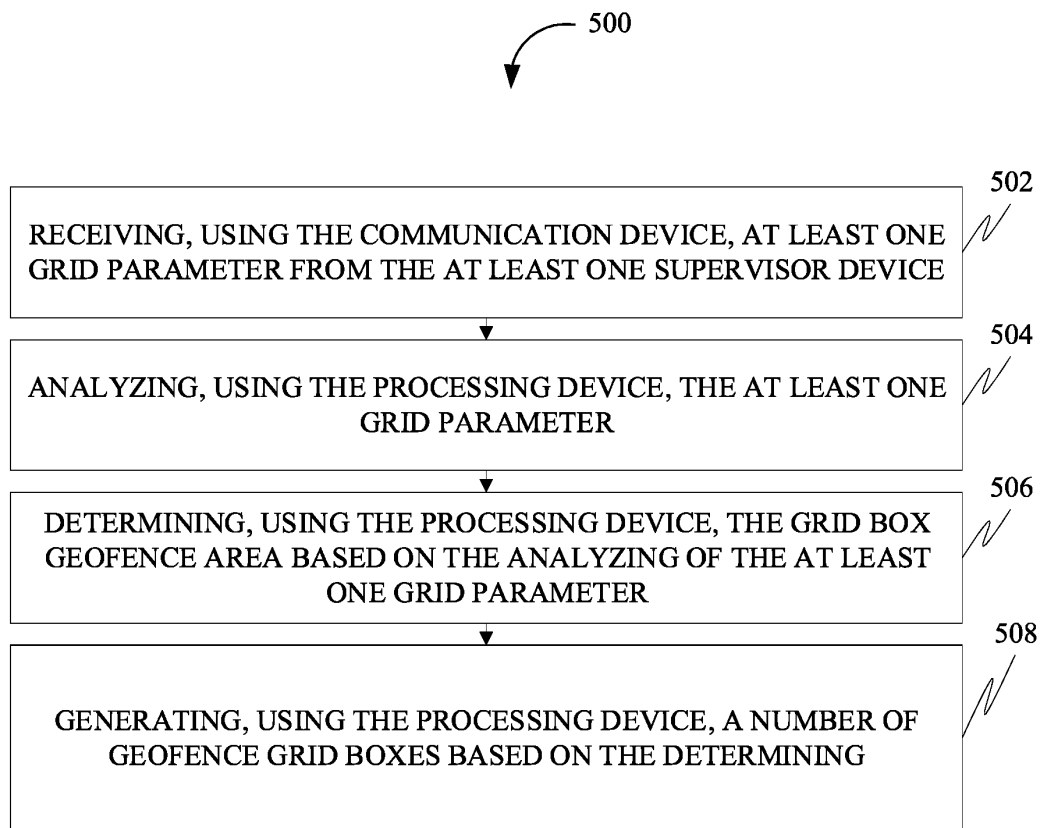
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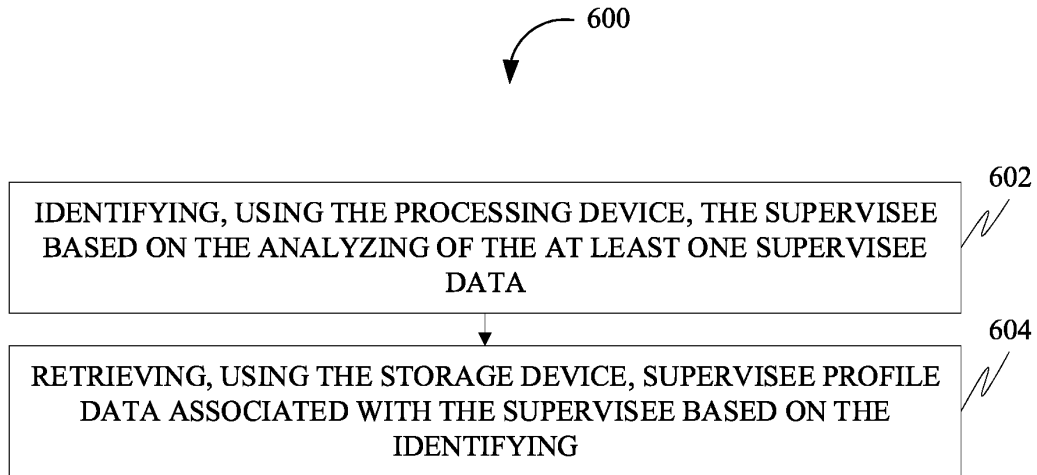
**FIG. 1**

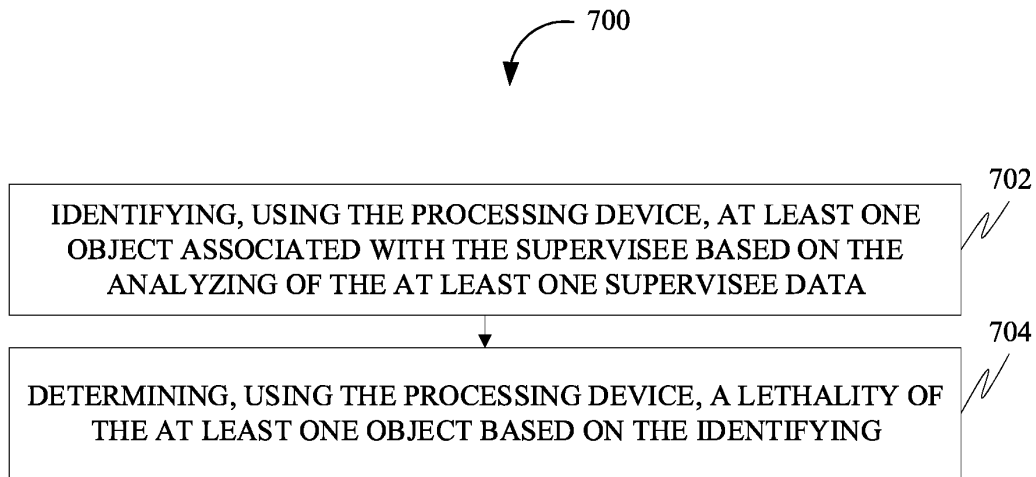
**FIG. 2**

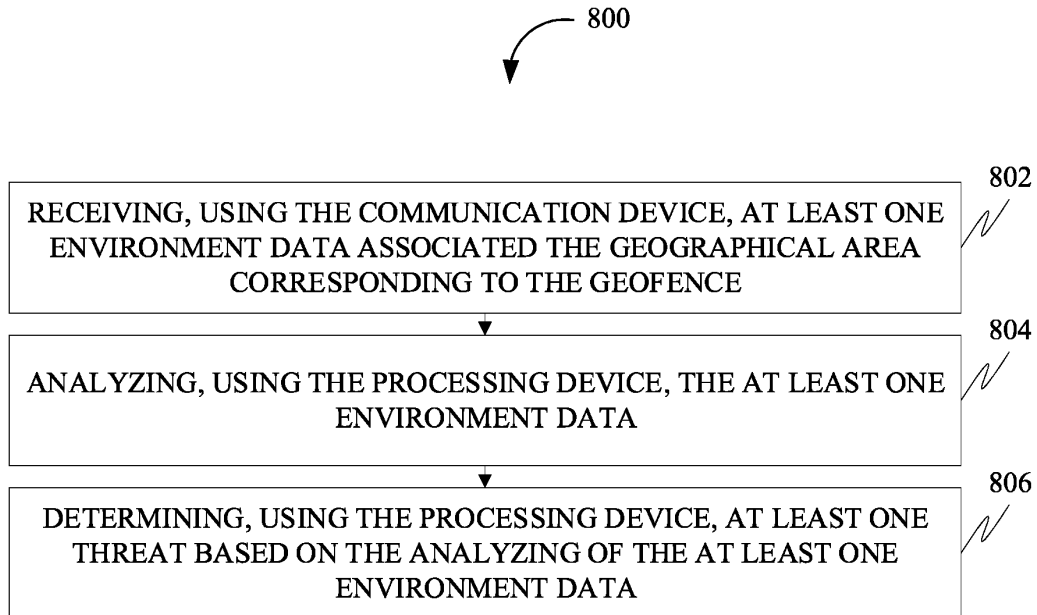
**FIG. 3**

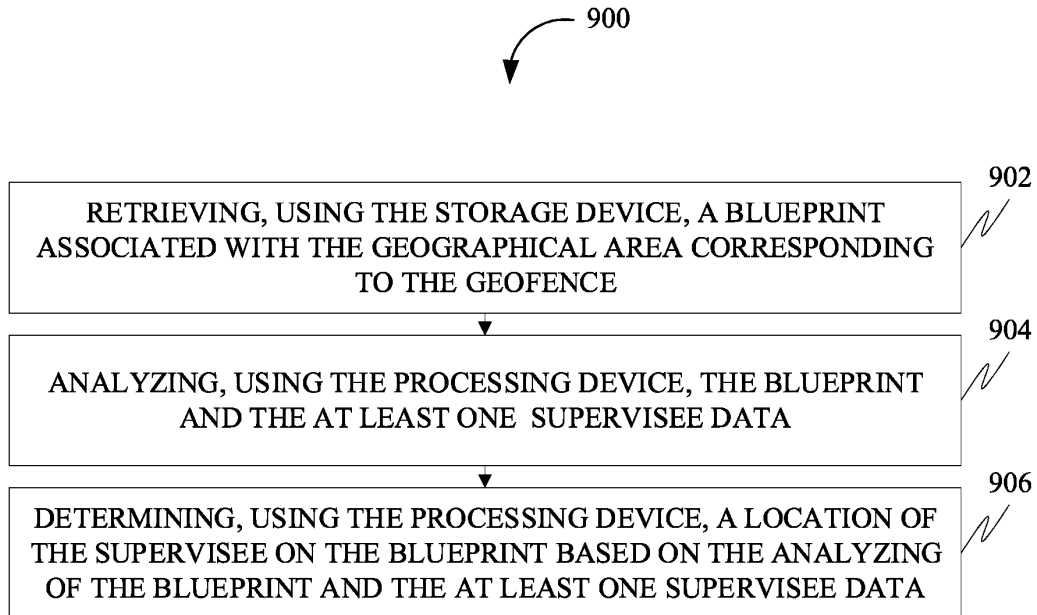
**FIG. 4**

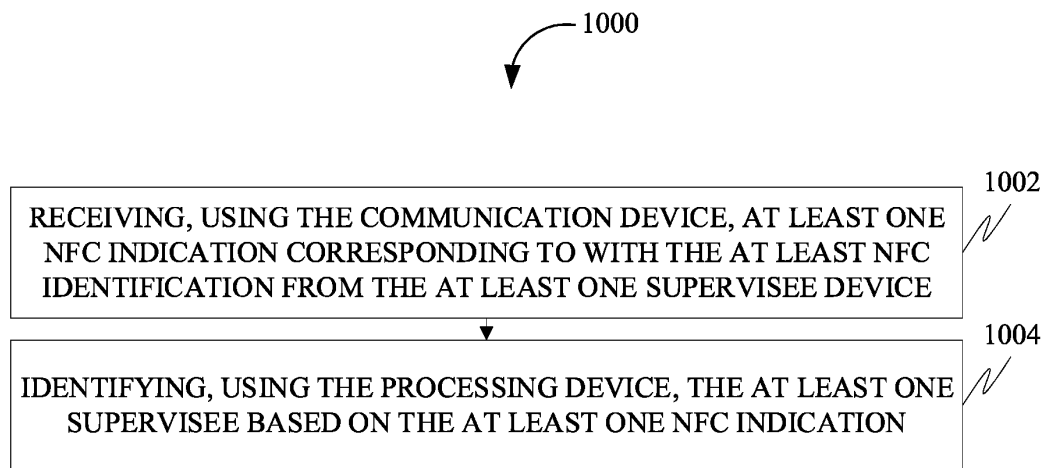
**FIG. 5**

**FIG. 6**

**FIG. 7**

**FIG. 8**

**FIG. 9**

**FIG. 10**

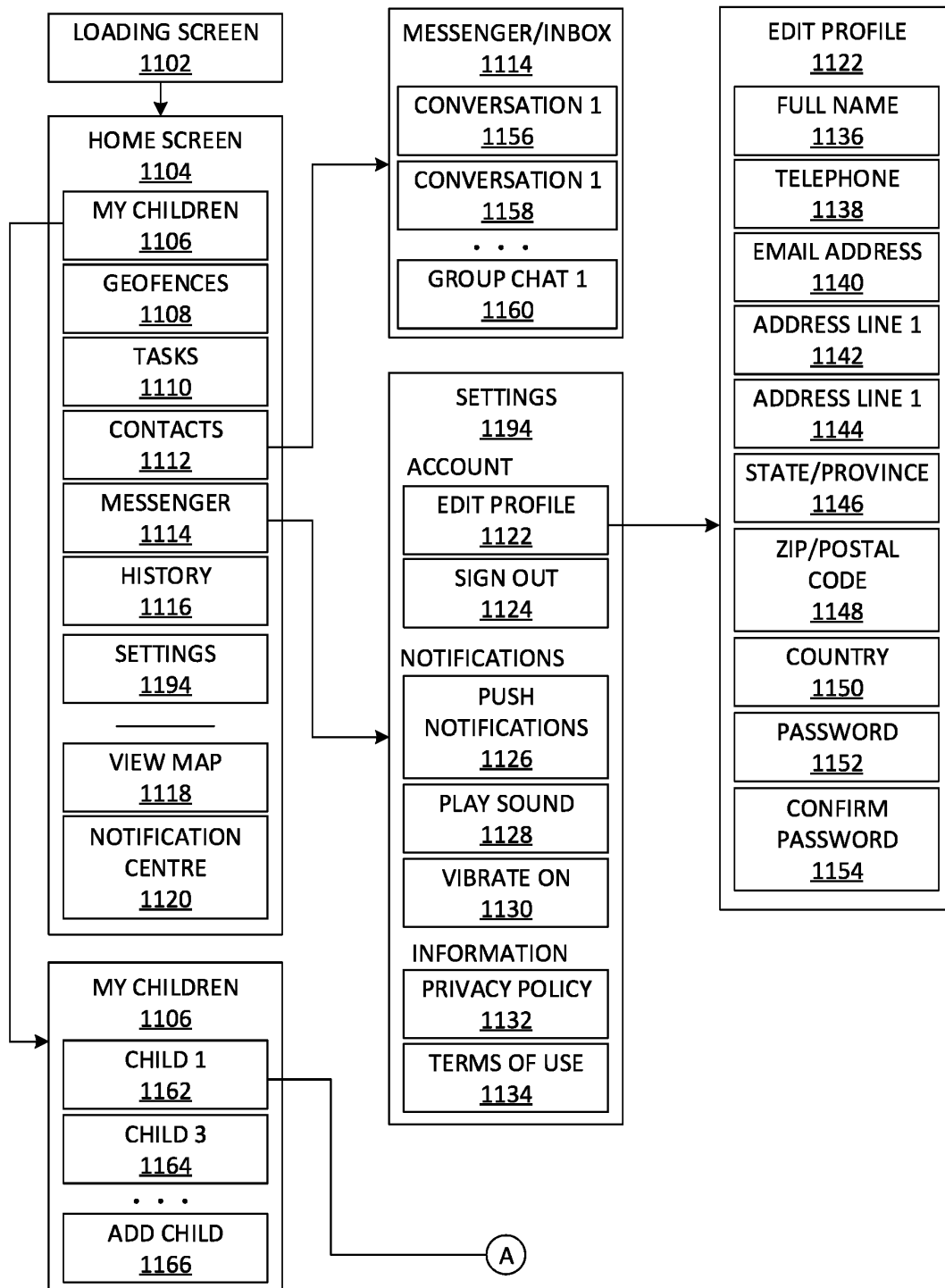
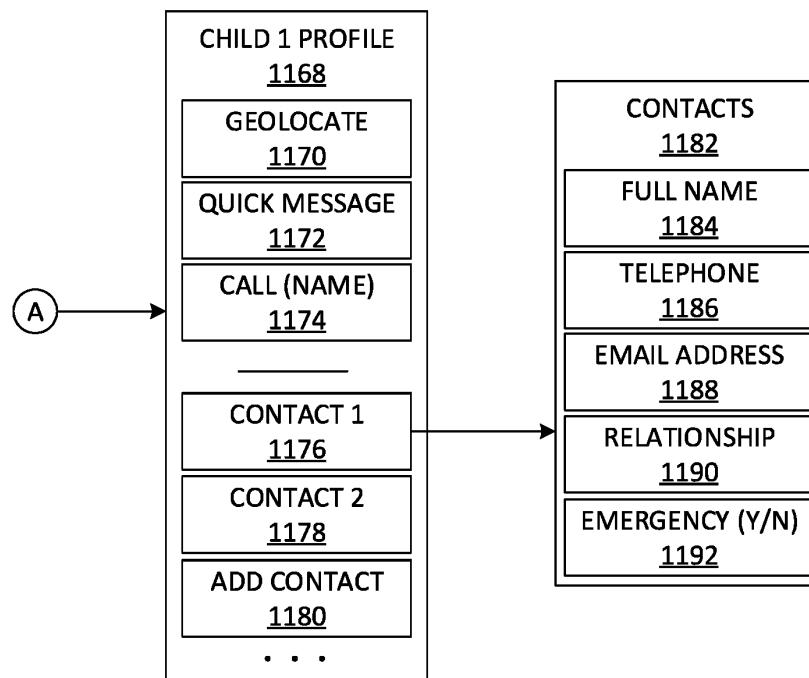
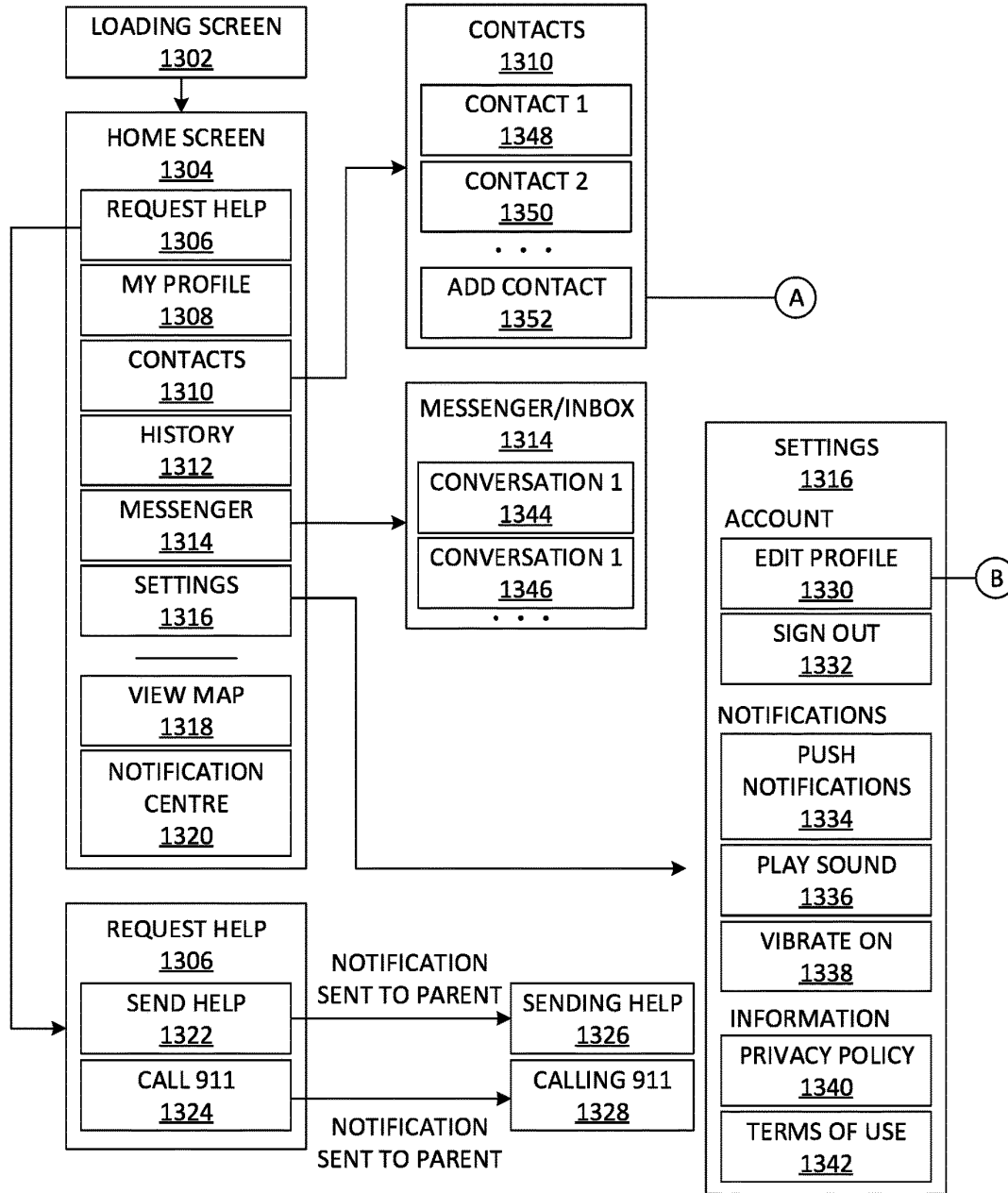


FIG. 11

**FIG. 12**

**FIG. 13**

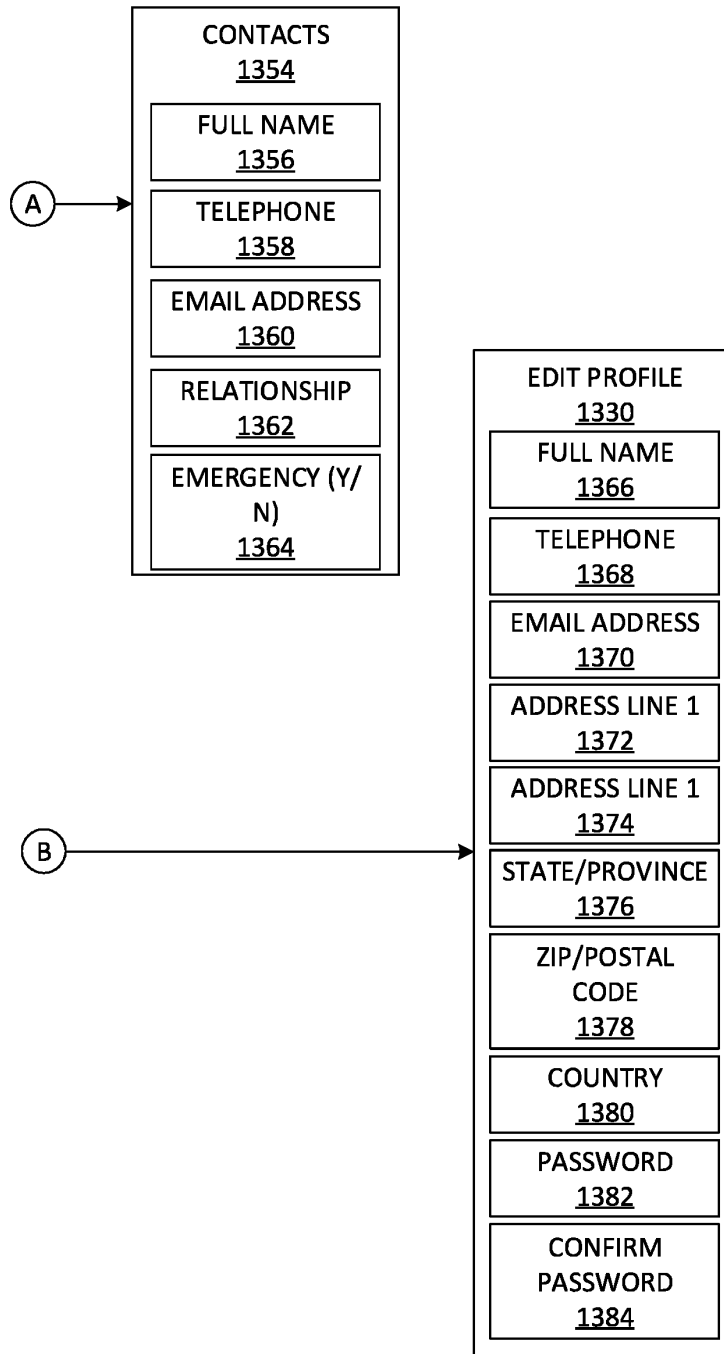
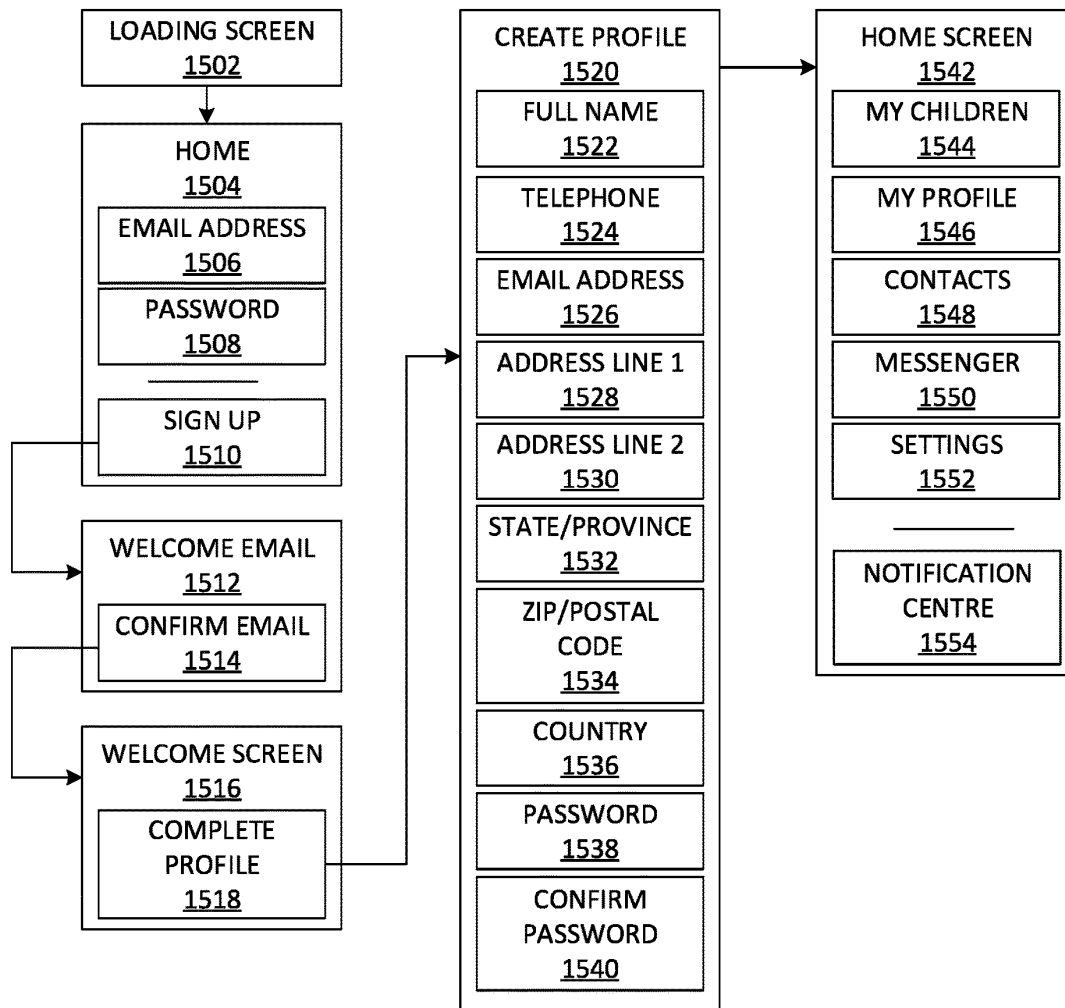


FIG. 14

**FIG. 15**

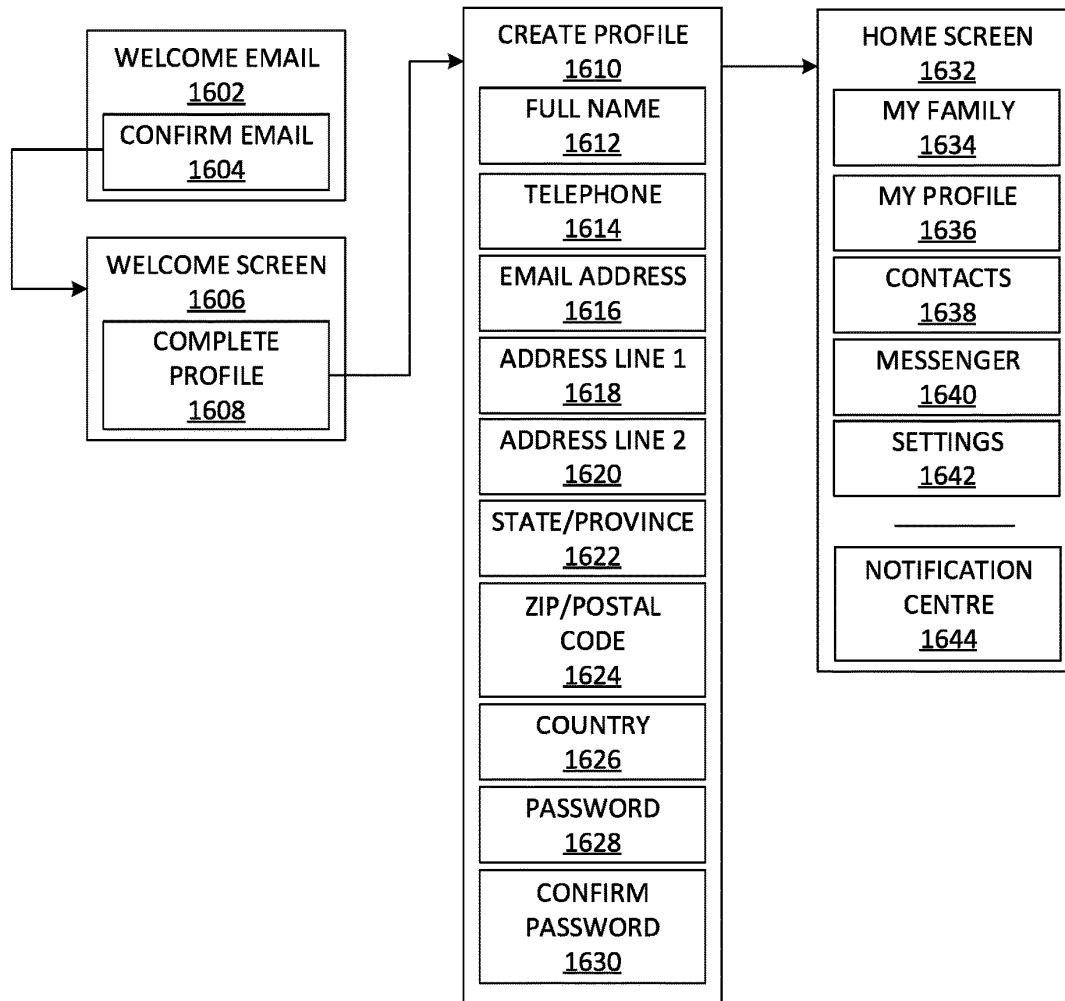
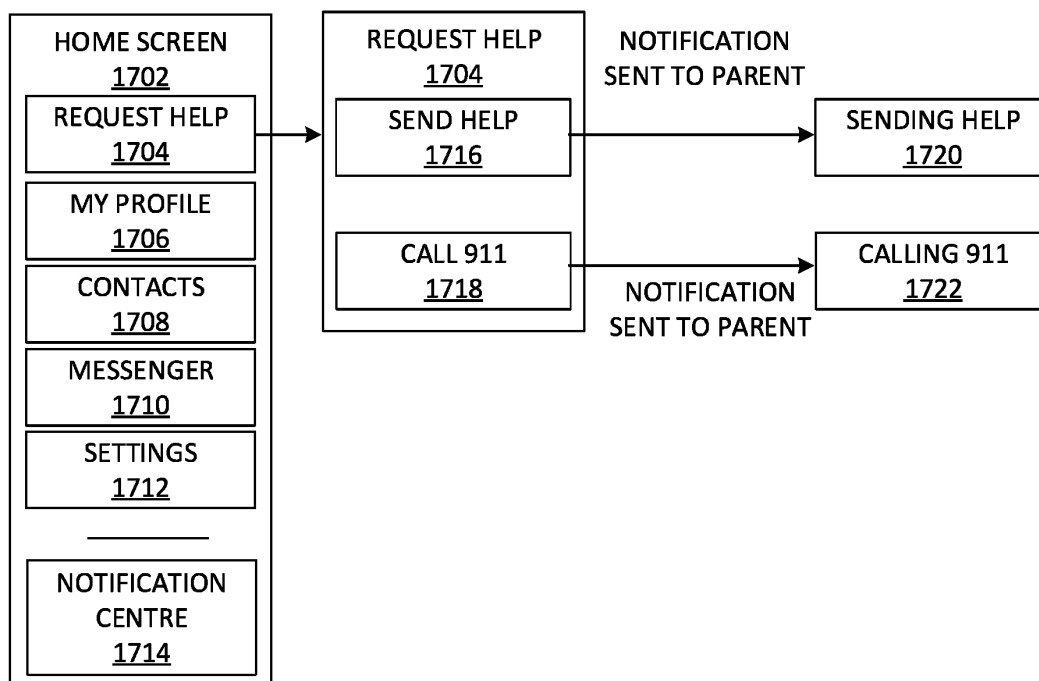
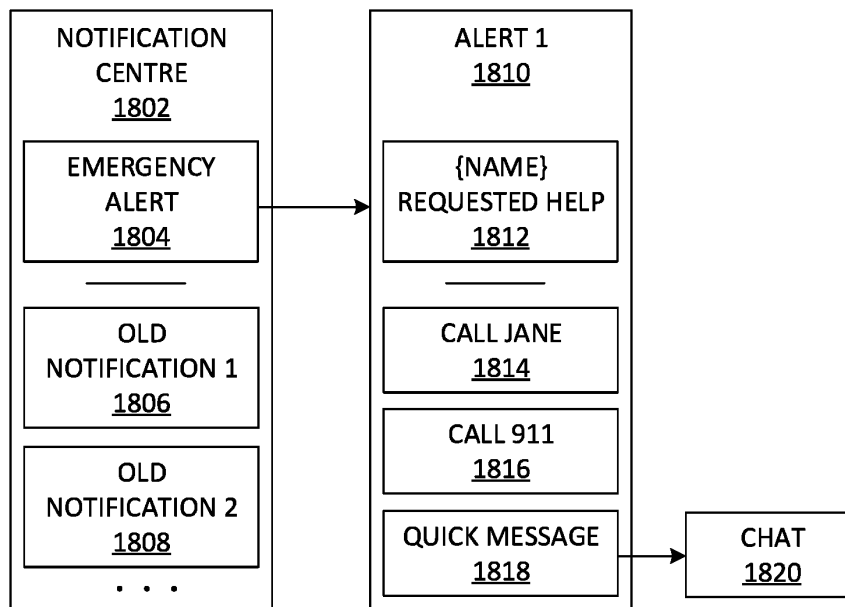
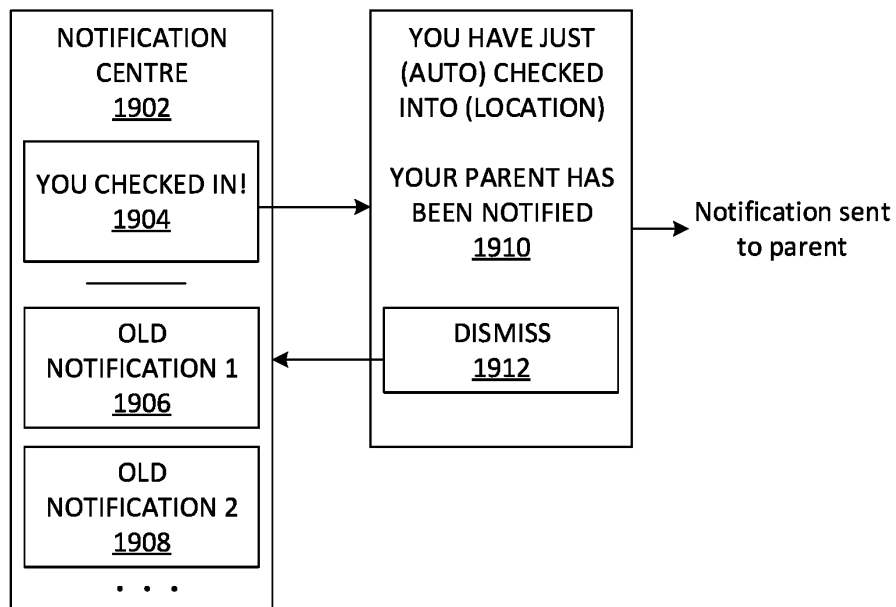
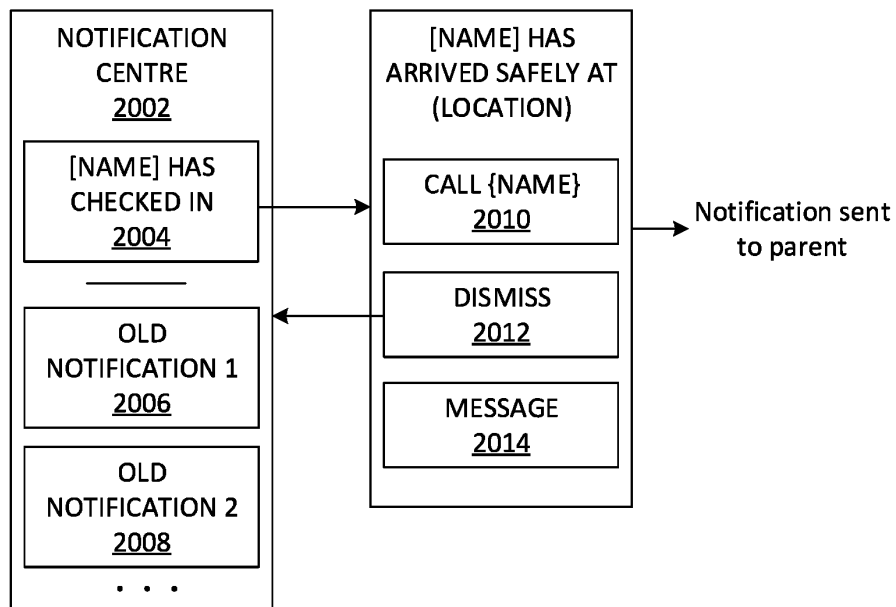


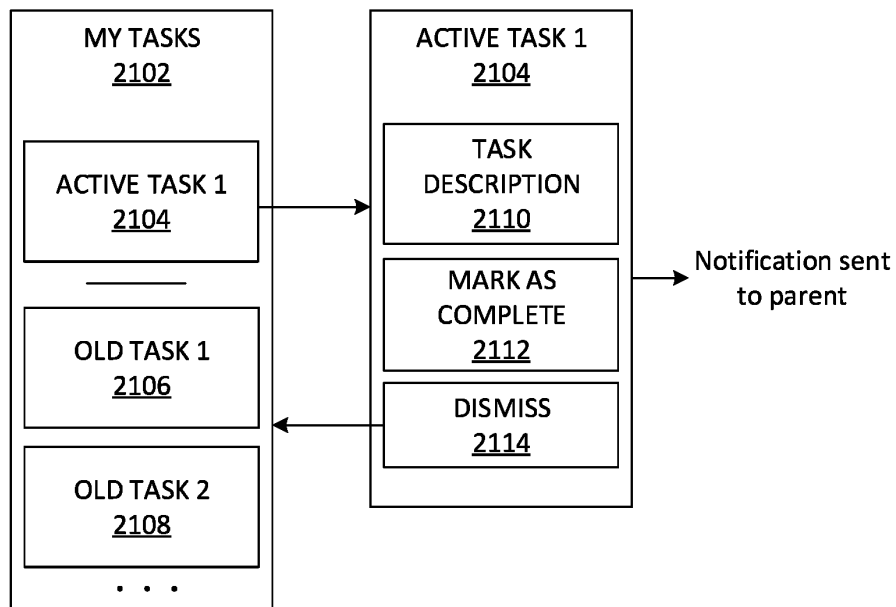
FIG. 16

**FIG. 17**

**FIG. 18**

**FIG. 19**

**FIG. 20**

**FIG. 21**

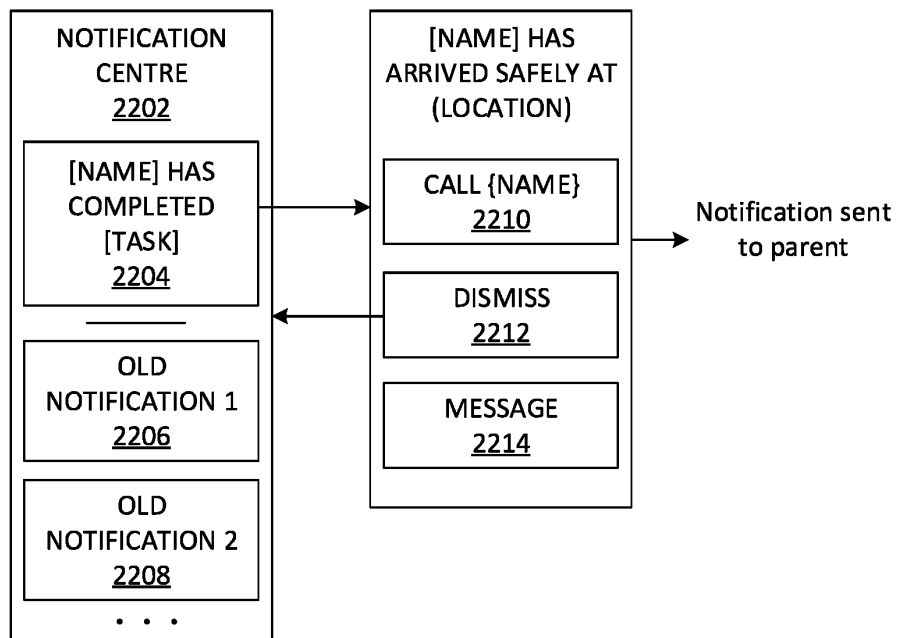


FIG. 22

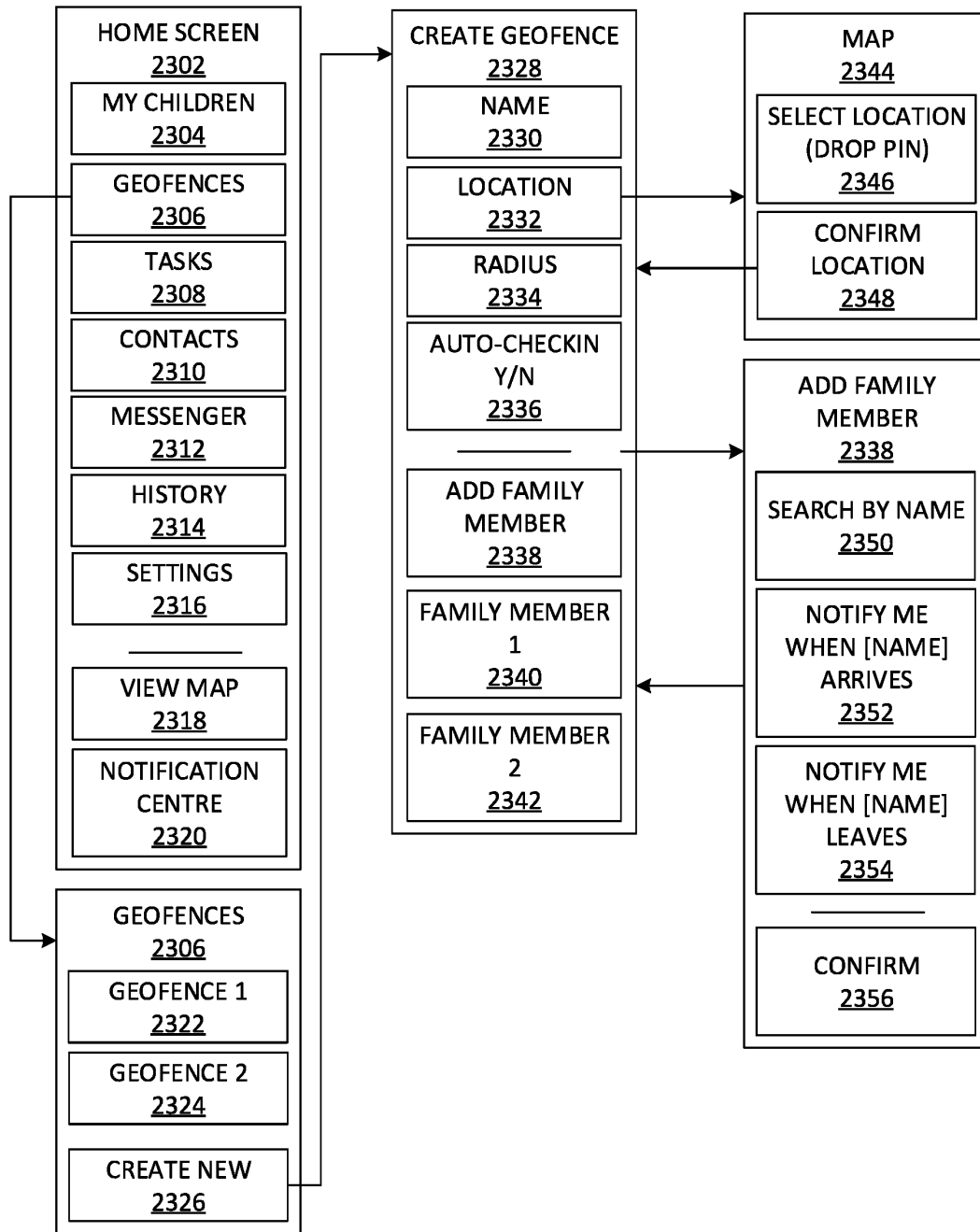


FIG. 23

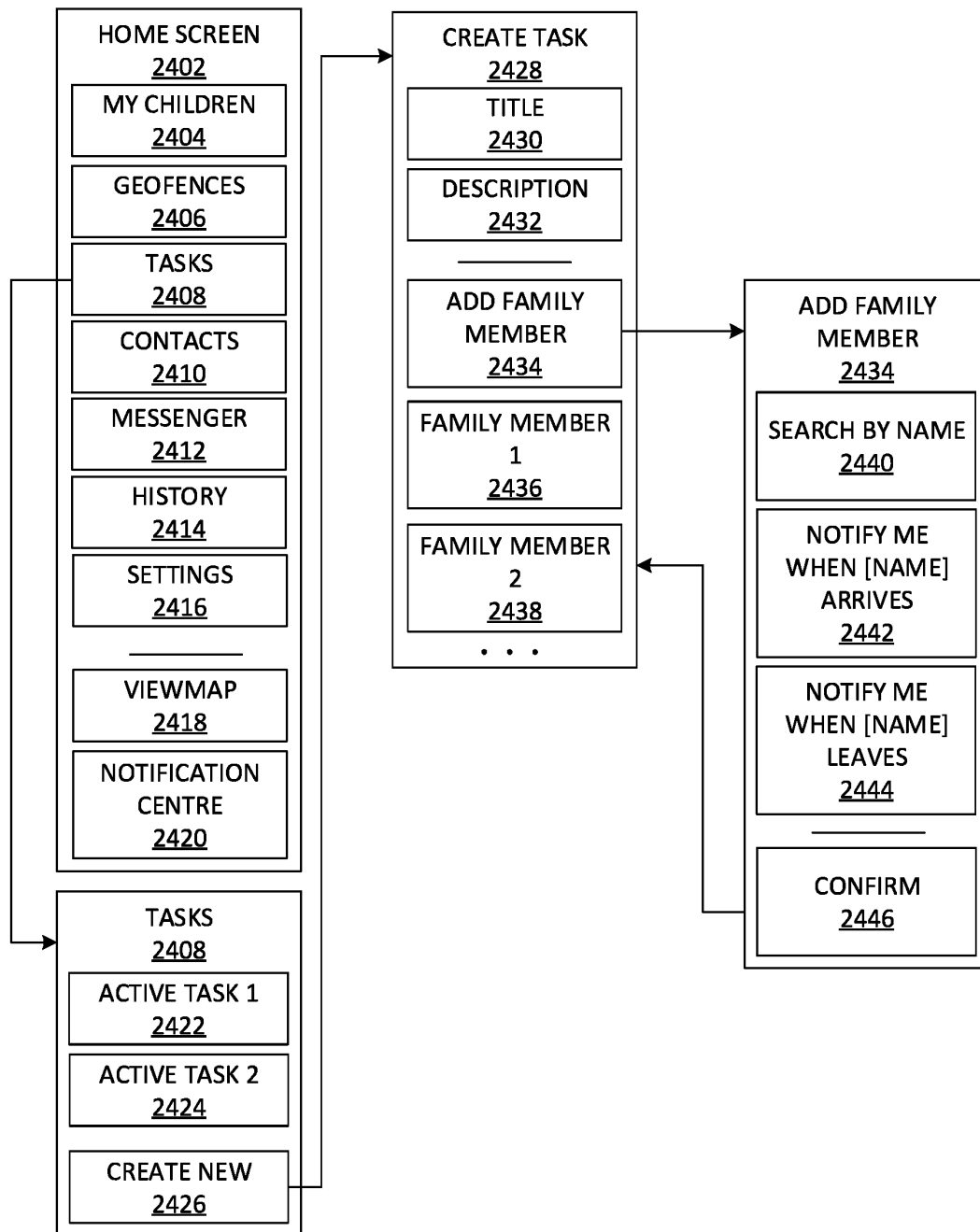
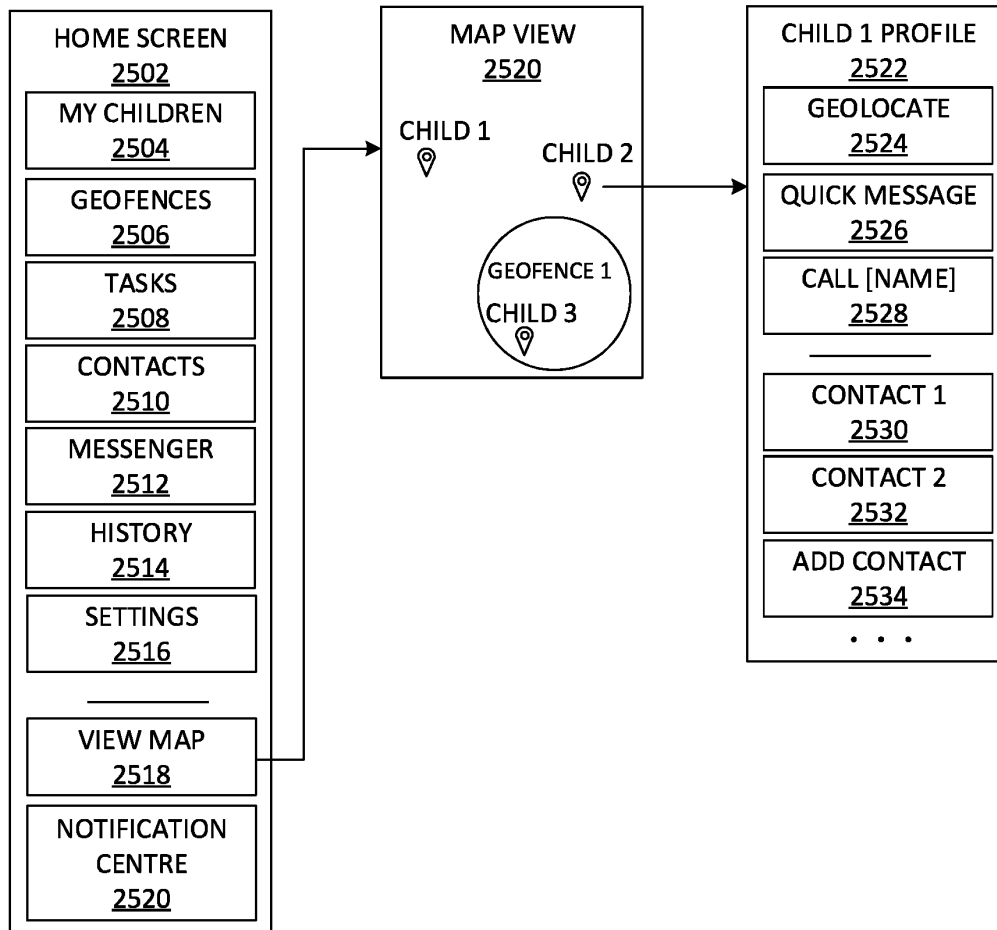
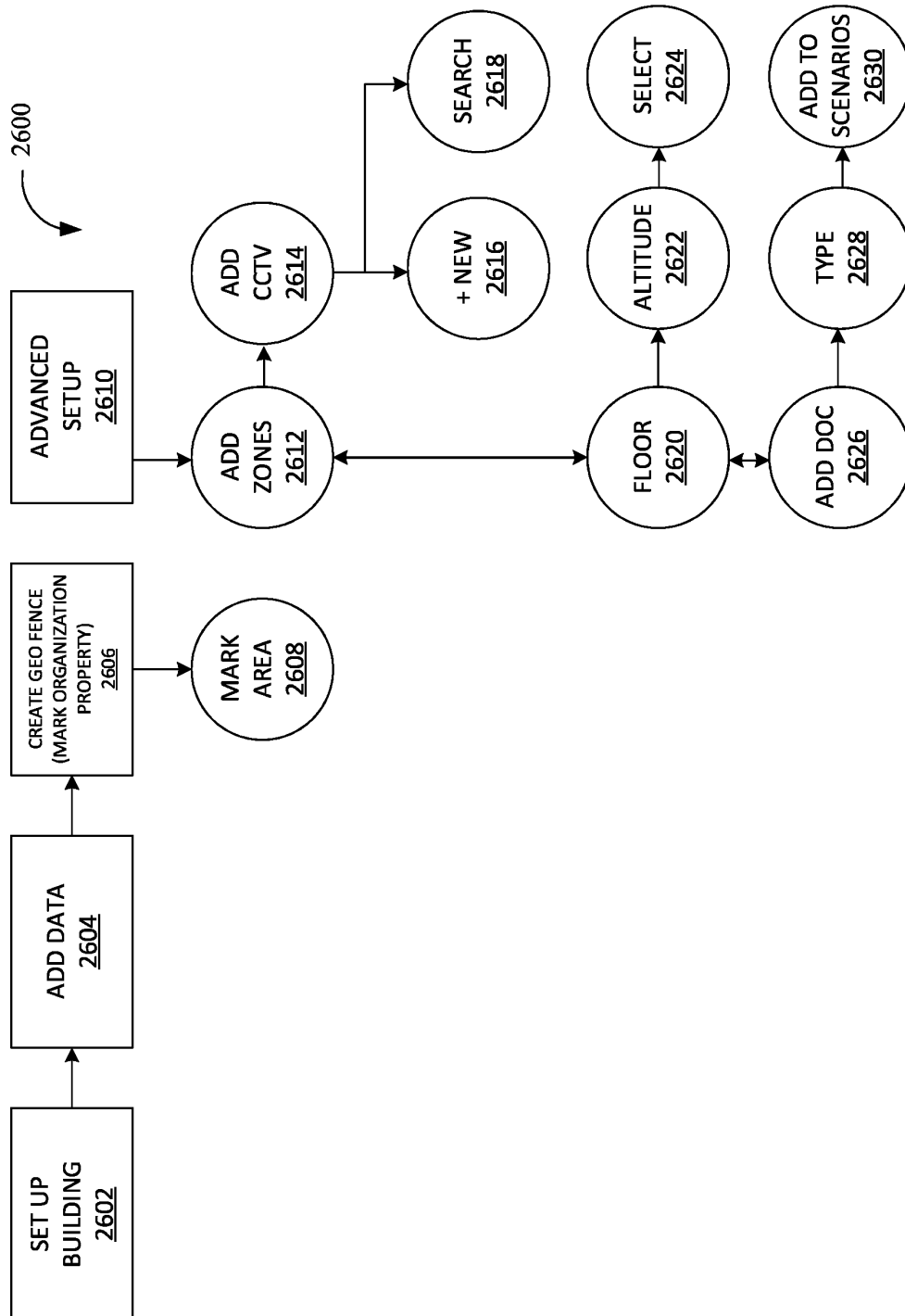


FIG. 24

**FIG. 25**

**FIG. 26**

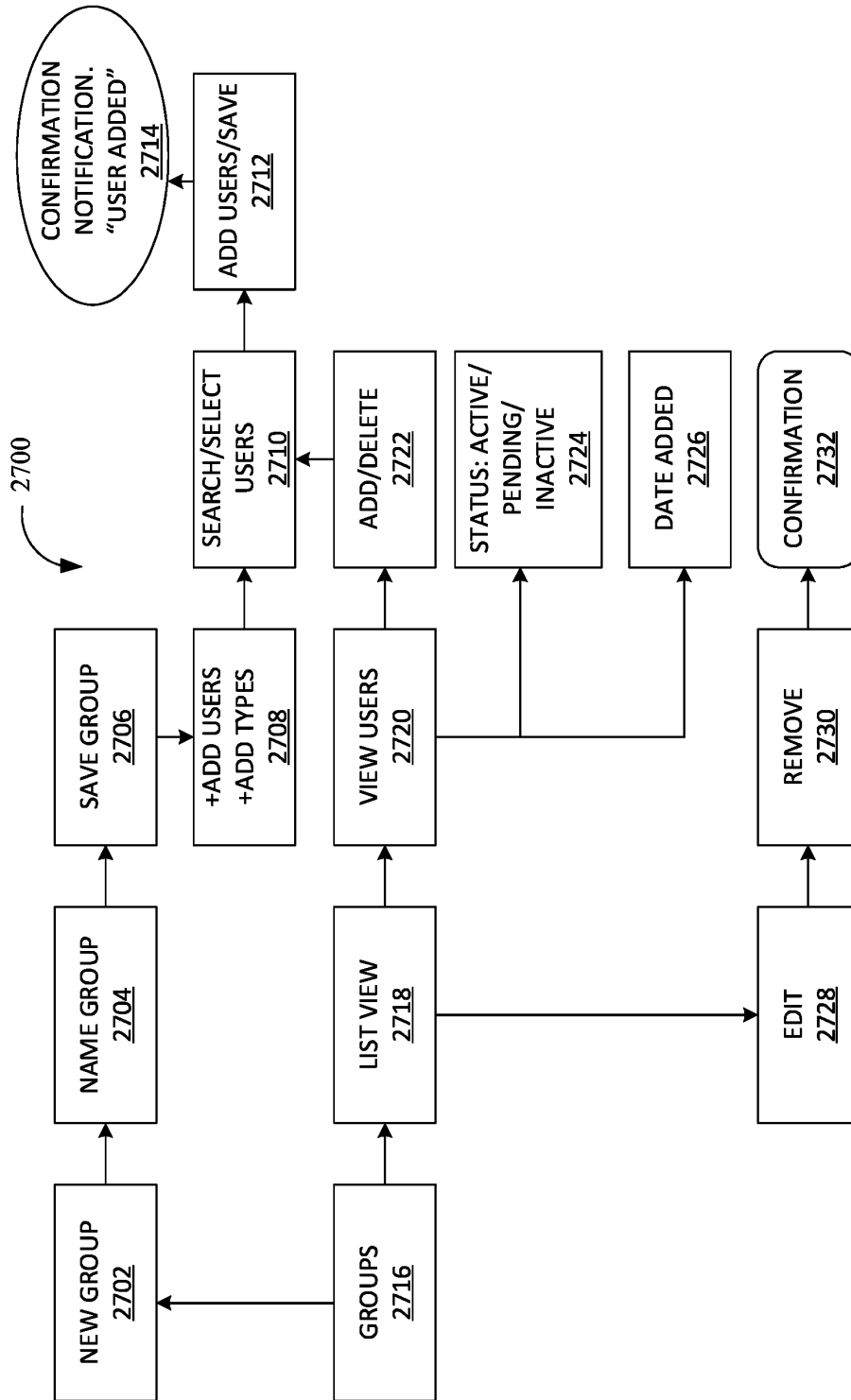


FIG. 27

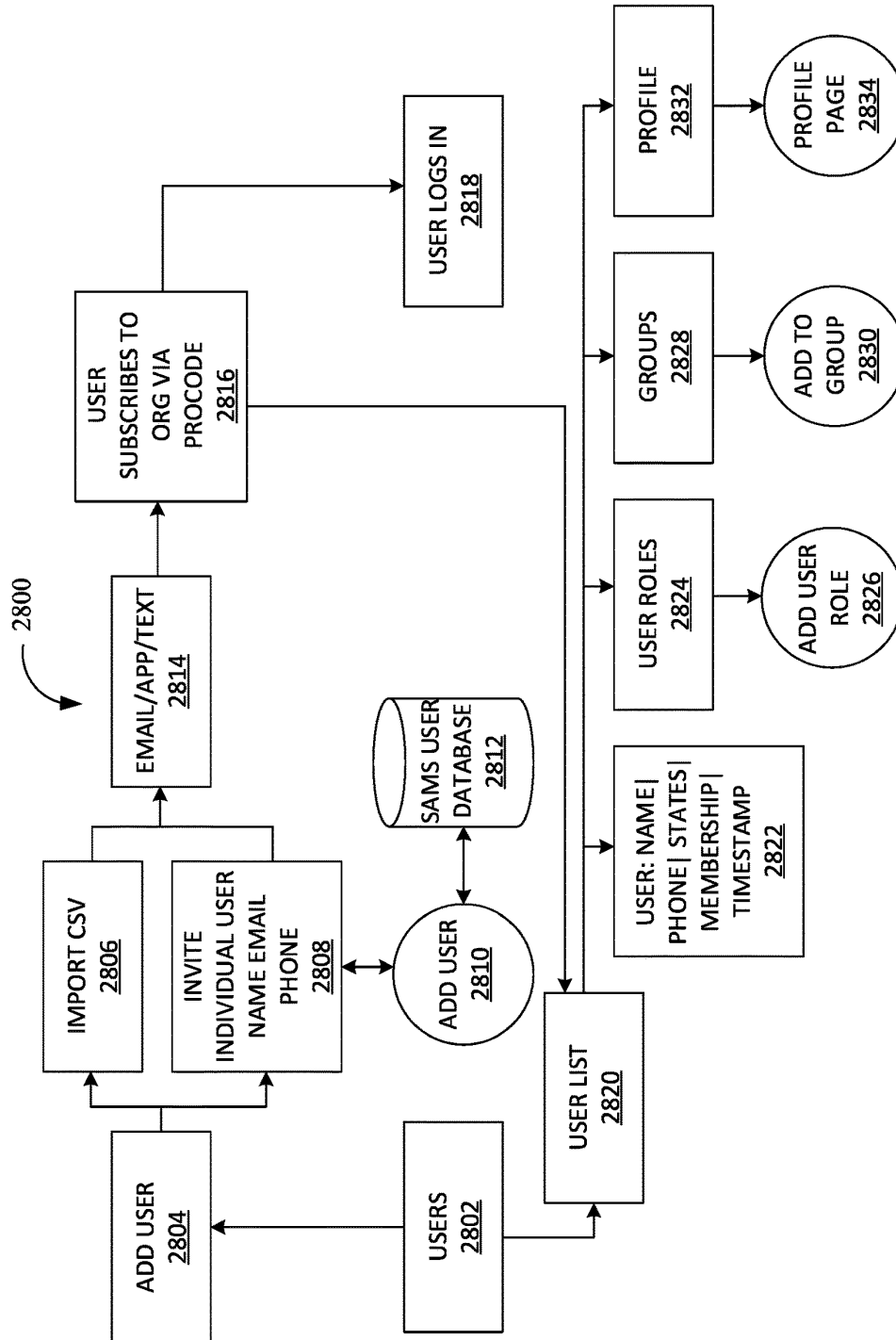


FIG. 28

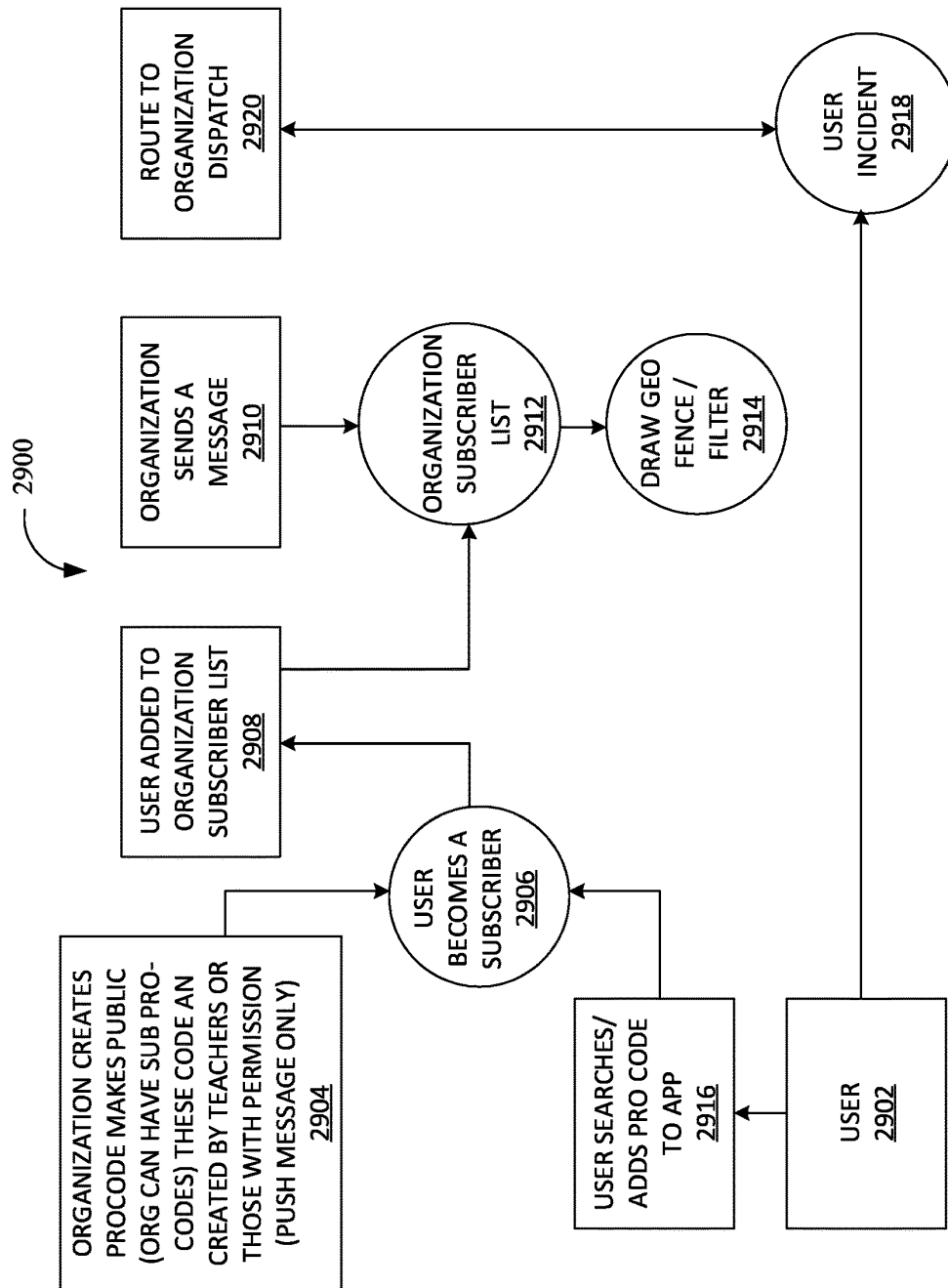
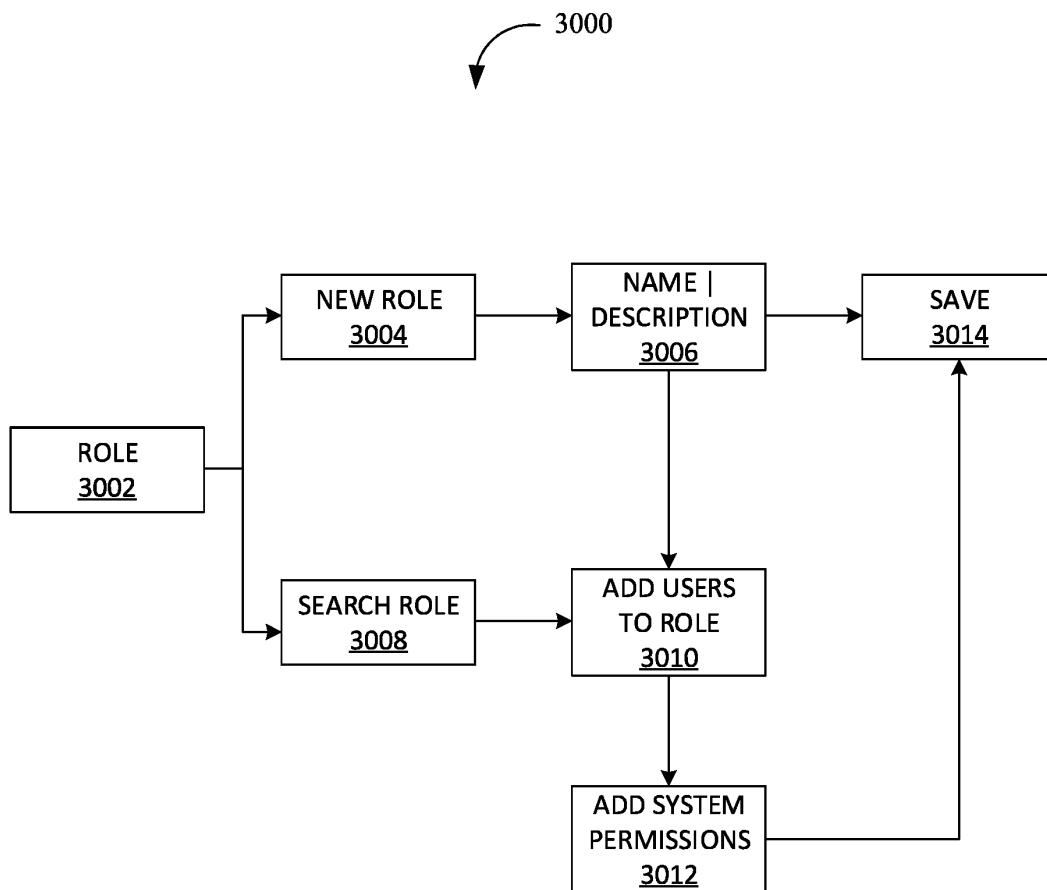
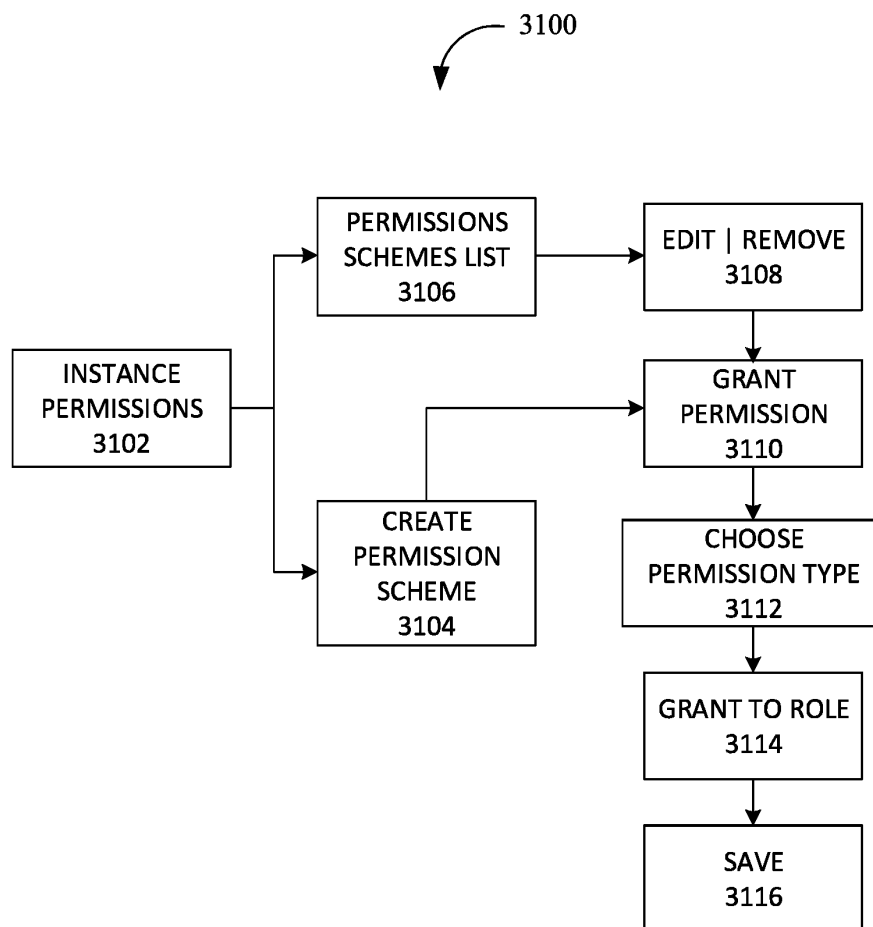


FIG. 29

**FIG. 30**

**FIG. 31**

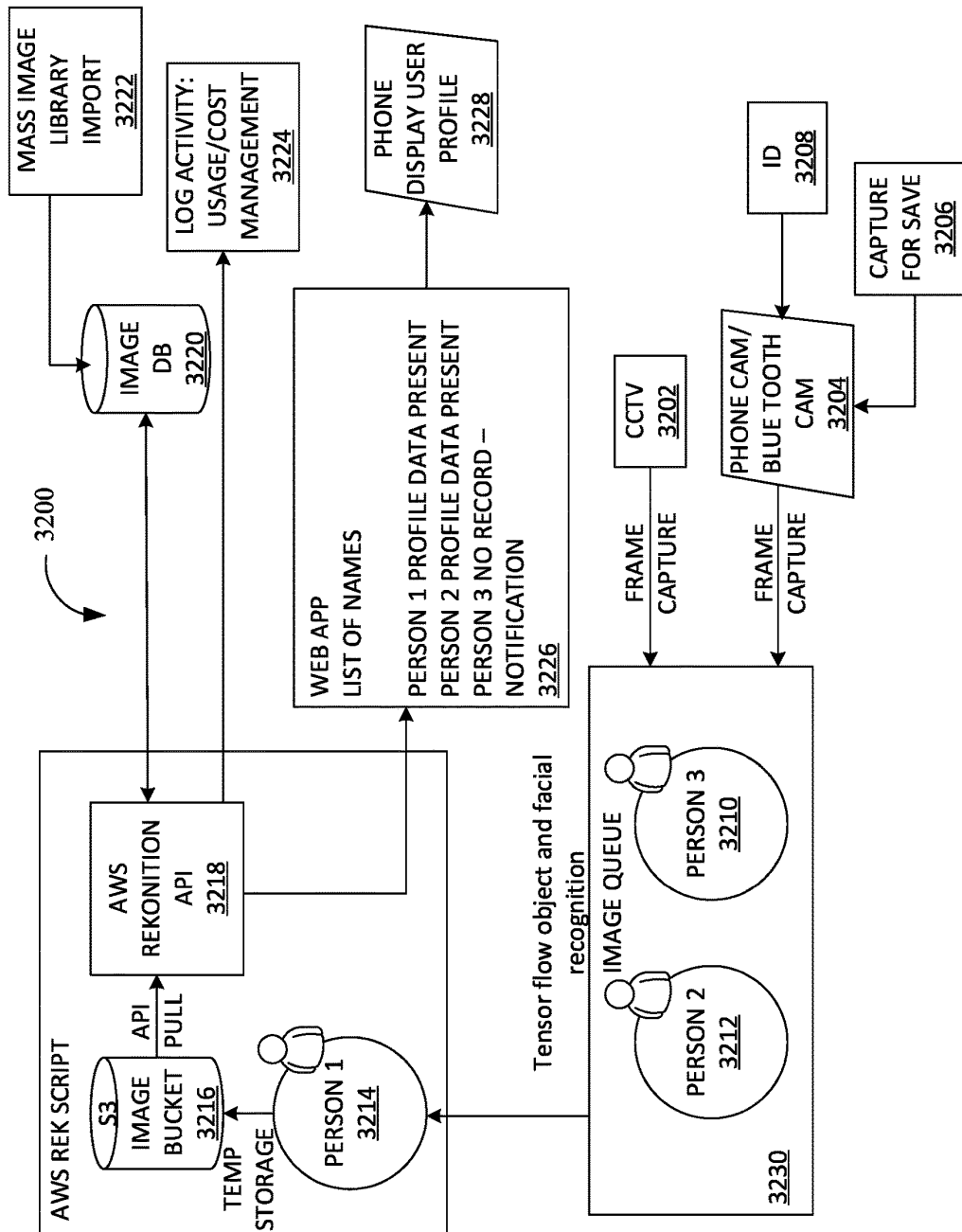
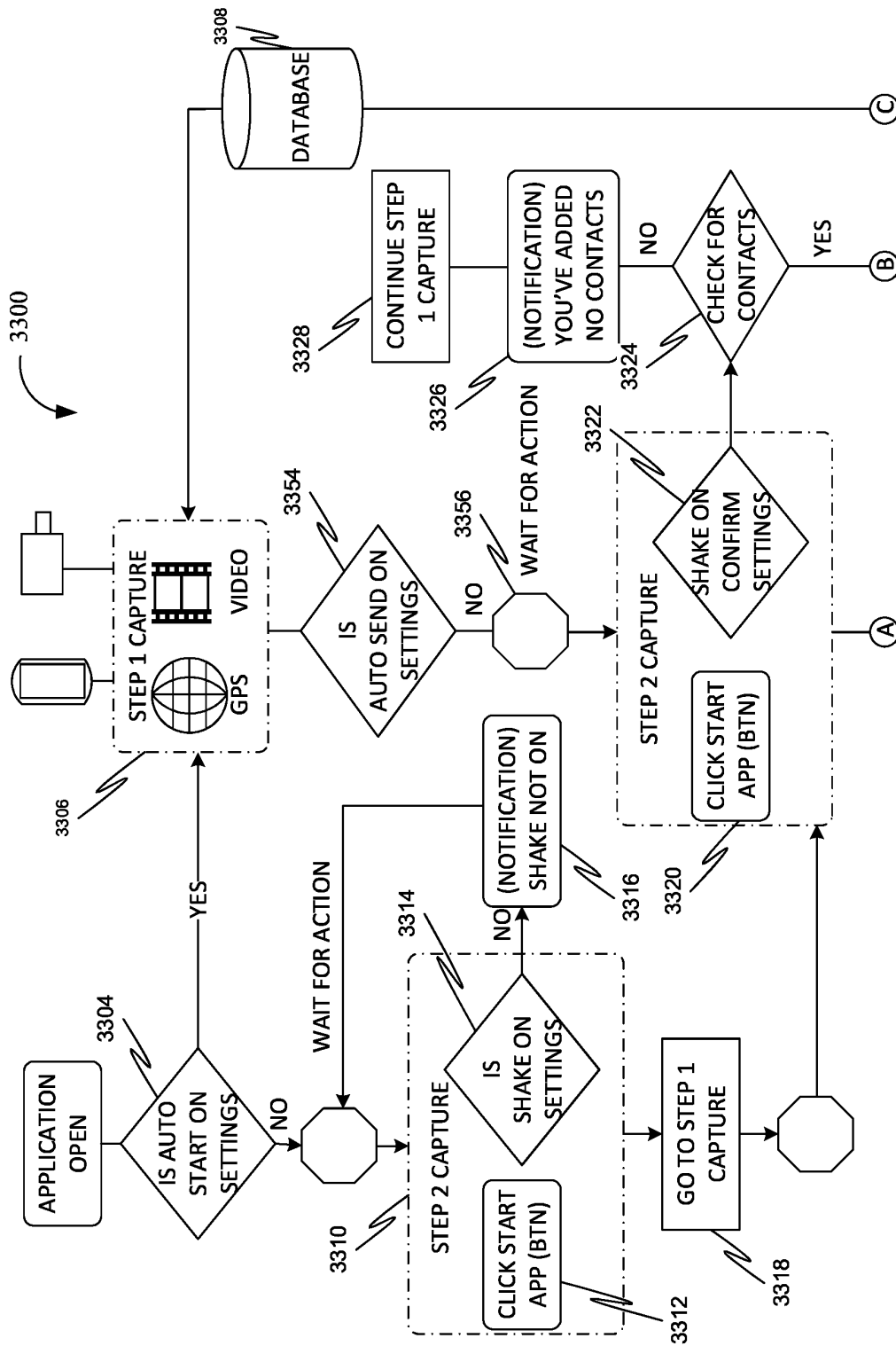
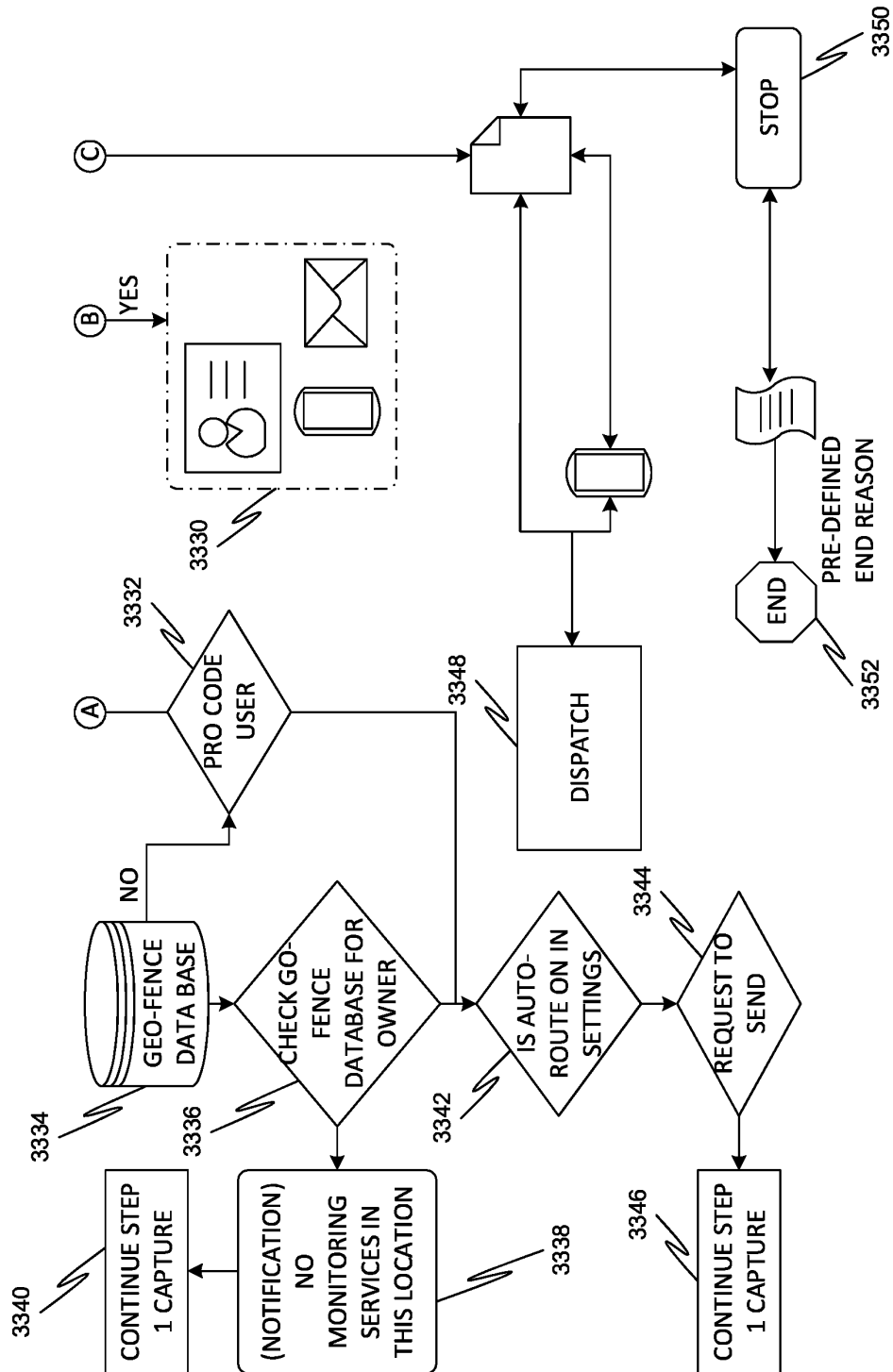


FIG. 32





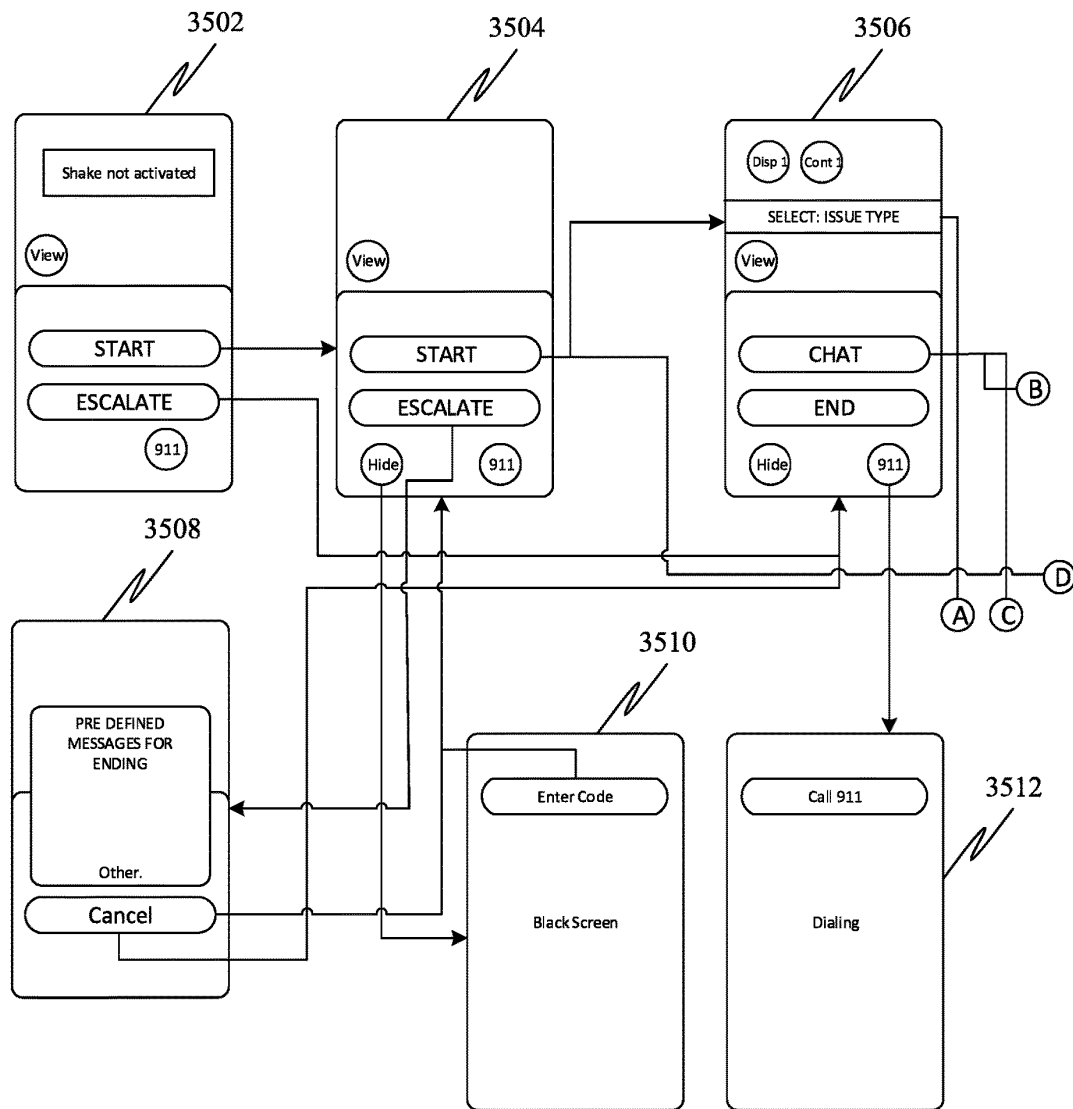


FIG. 35

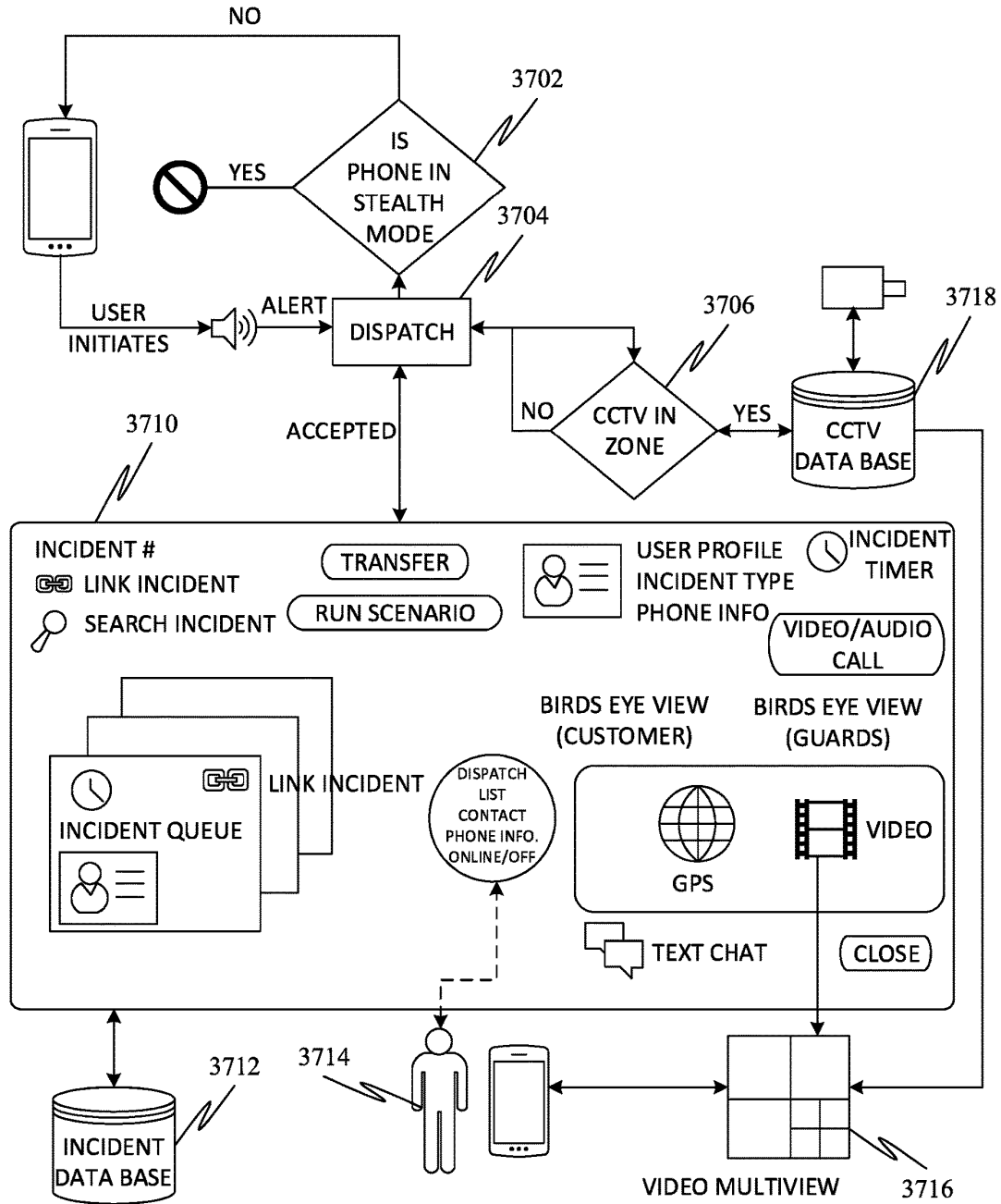


FIG. 37

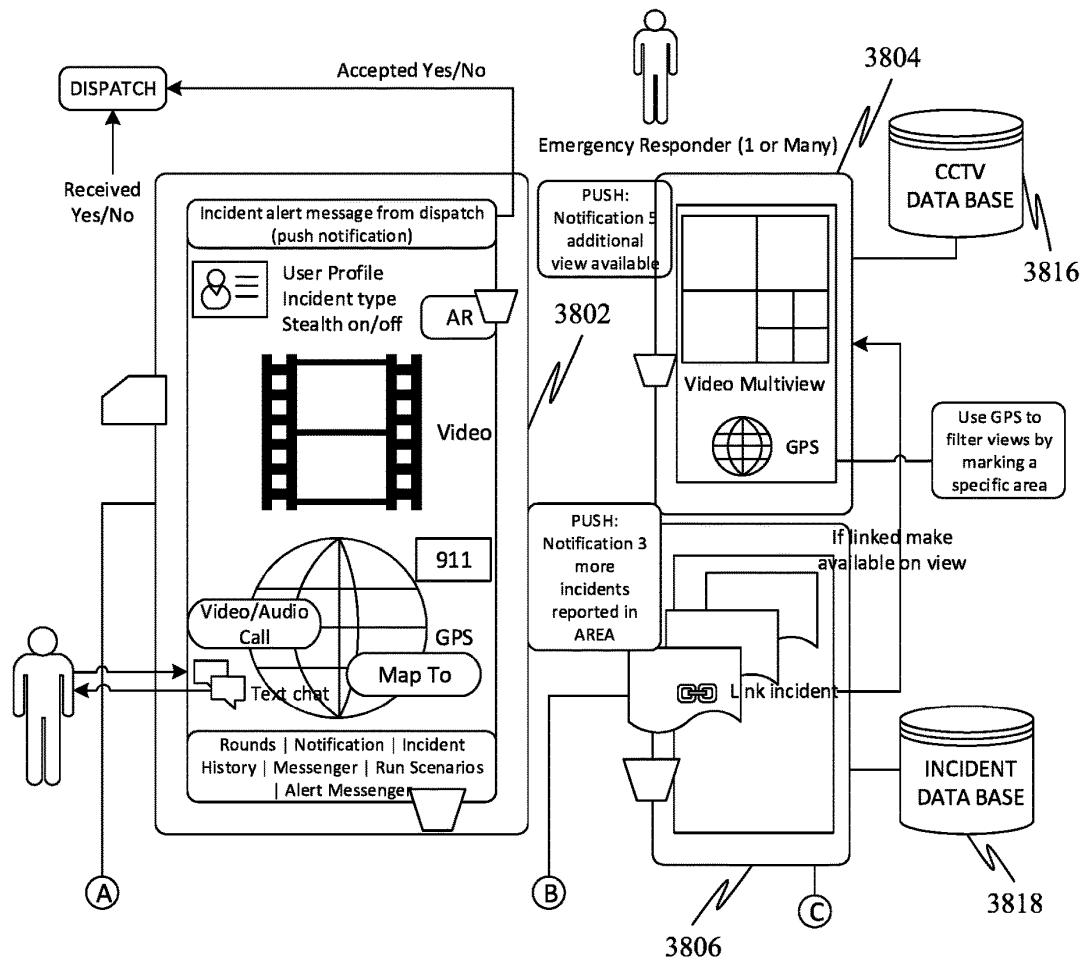


FIG. 38

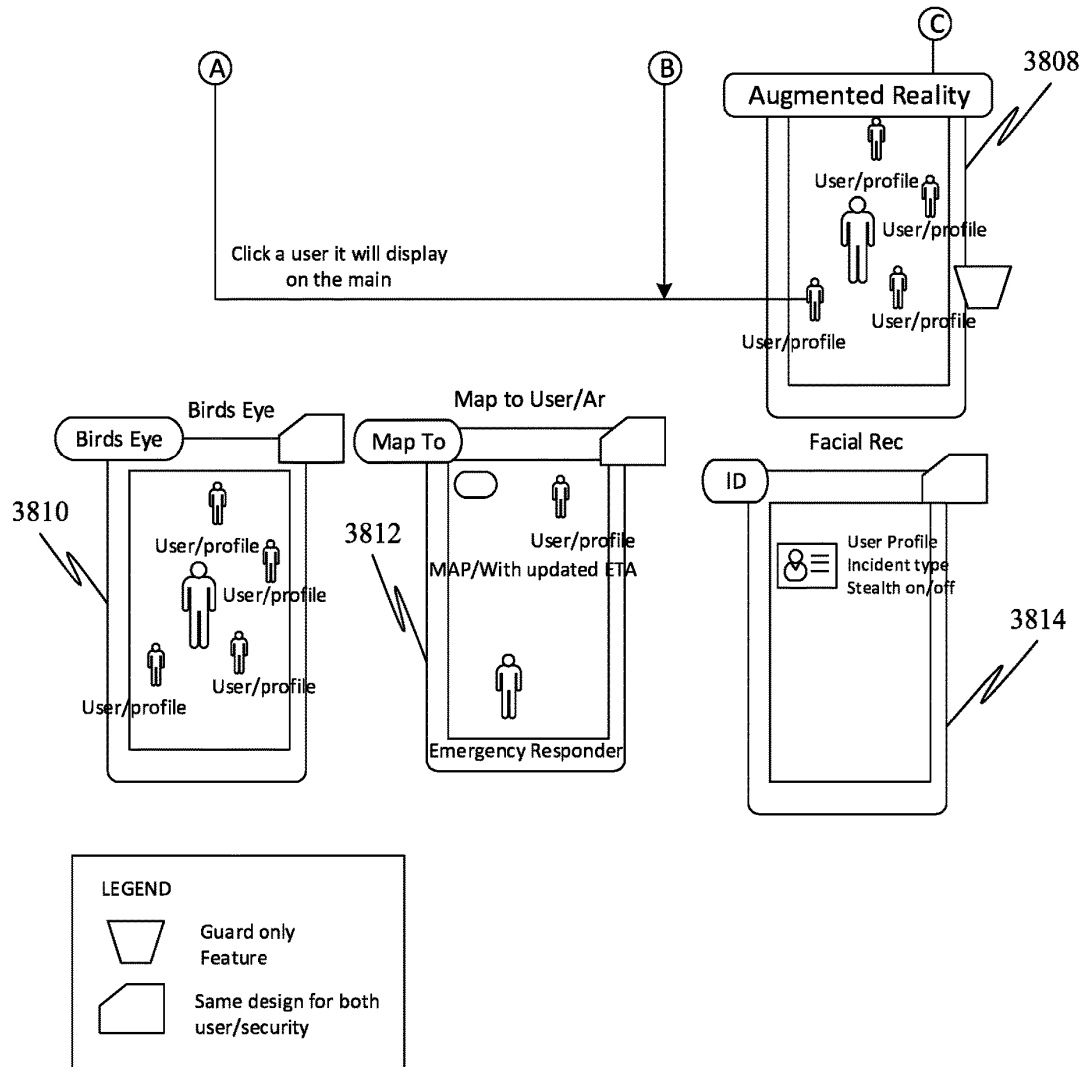


FIG. 39

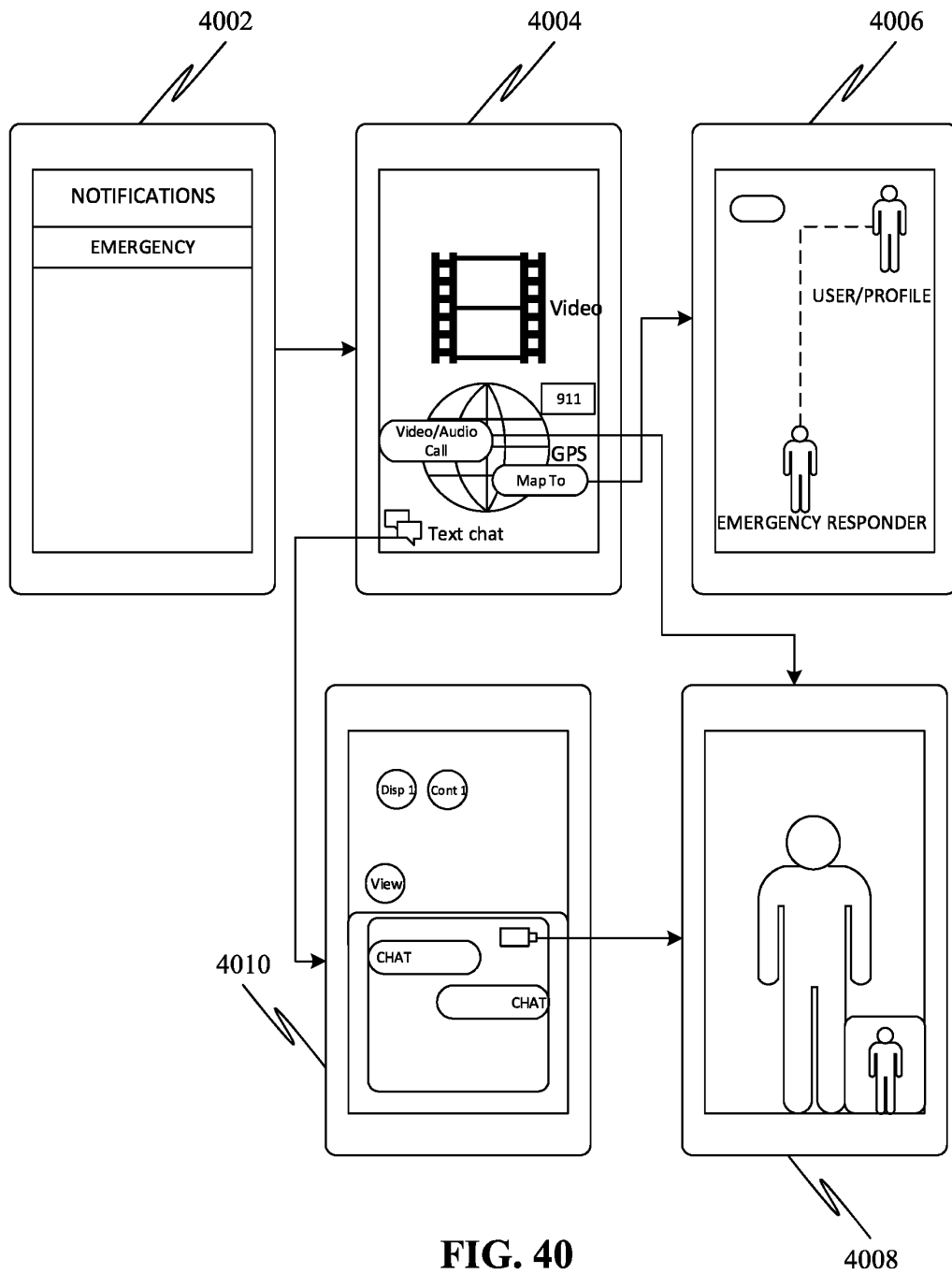
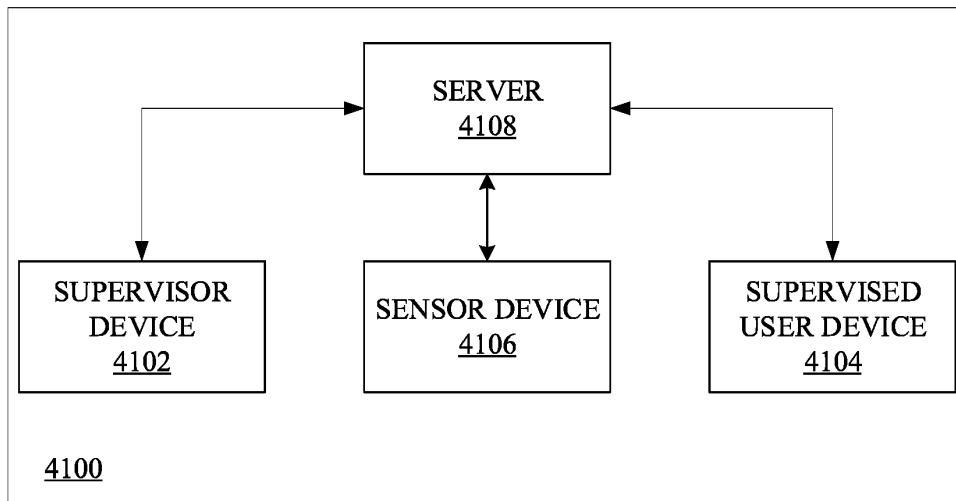
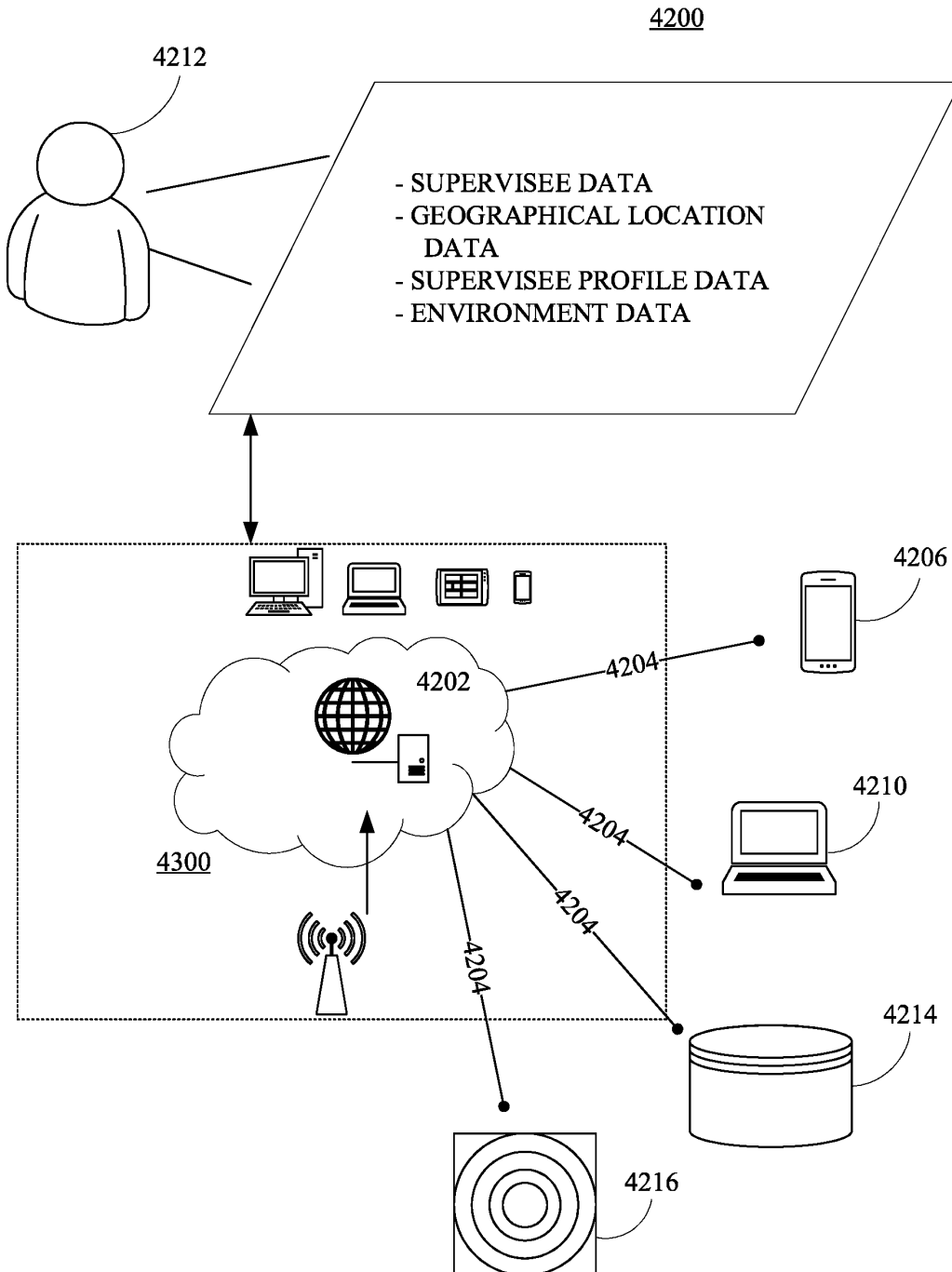
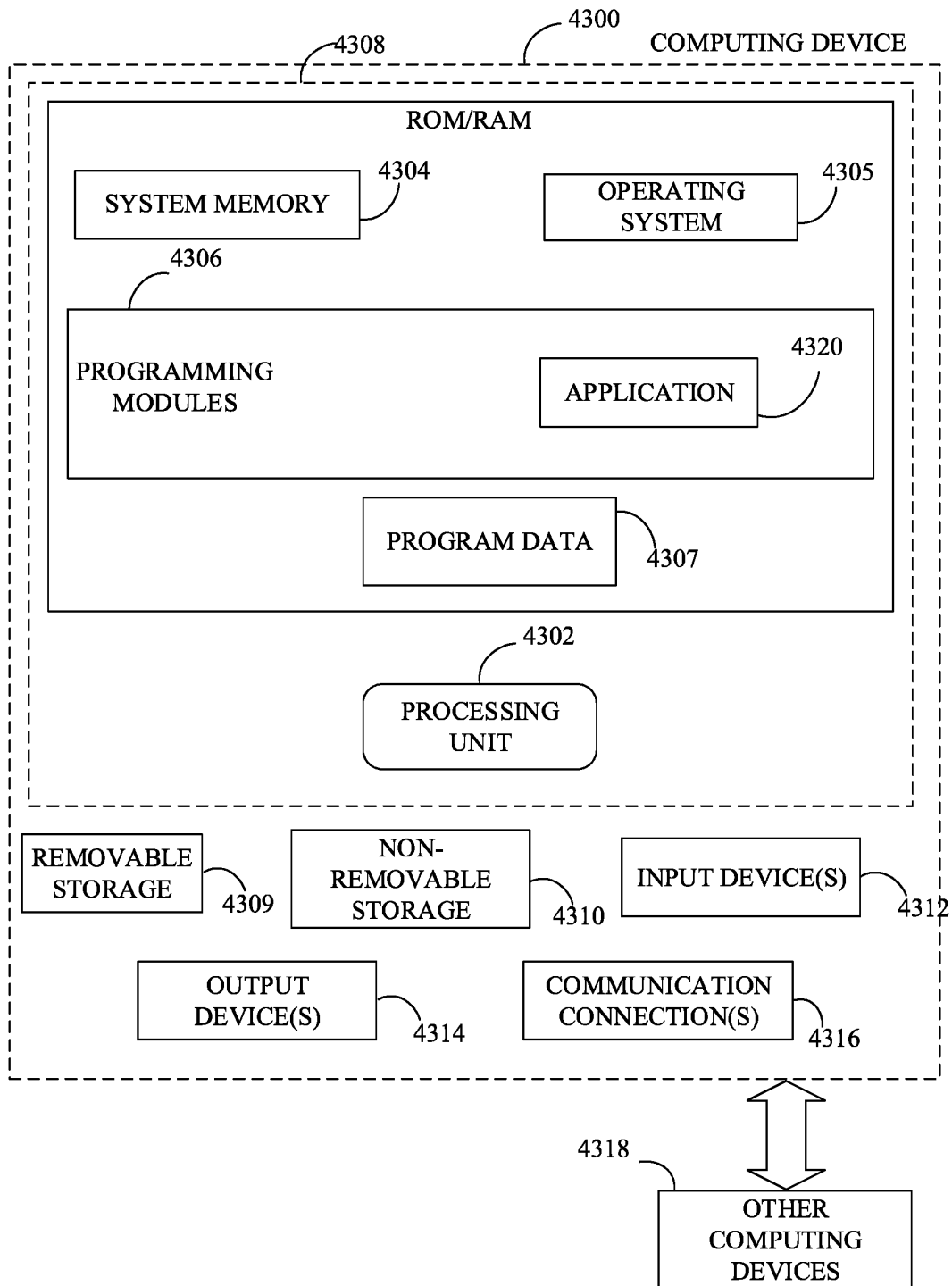


FIG. 40

**FIG. 41**

**FIG. 42**

**FIG. 43**

SYSTEMS AND METHODS FOR FACILITATING SUPERVISION OF INDIVIDUALS BASED ON GEOFENCING

TECHNICAL FIELD

Generally, the present disclosure relates to the field of data processing. More specifically, the present disclosure relates to systems and methods for facilitating supervision of individuals based on geofencing.

BACKGROUND

Geofence is a virtual perimeter for a real-world geographical area that is widely used in location-based services. In other words, geofence can be predefined boundaries (such as school zones and/or neighborhood boundaries) that allows an individual to trigger an alert to multiple users when the individual may enter and/or exit the geofence. For instance, Geofencing is used with child location services that can notify parents if a child leaves a designated area.

However, conventional geofencing applications do not allow easy access for a user to create the geofence. For instance, the conventional geofencing applications do not allow the user to create the geofence based on factors such as criminal activities, crowd density, etc. of the neighborhood. Further, the conventional geofencing applications may not allow an individual to seamlessly communicate (such as chat and/or video call) directly with multiple organizations (such as emergency services, parents, etc.).

Therefore, there is a need for improved systems and methods for facilitating supervision of individuals based on geofencing that may overcome one or more of the above-mentioned problems and/or limitations.

BRIEF SUMMARY

This summary is provided to introduce a selection of concepts in a simplified form, that are further described below in the Detailed Description. This summary is not intended to identify key features or essential features of the claimed subject matter. Nor is this summary intended to be used to limit the claimed subject matter's scope.

Disclosed herein is a method of facilitating supervision of individuals based on geofencing, in accordance with some embodiments. Accordingly, the method may include a step of receiving, using a communication device, at least one parameter from at least one supervisor device associated with at least one supervisor. Further, the method may include a step of receiving, using the communication device, a geographical location from the at least one supervisor device. Further, the method may include a step of analyzing, using a processing device, the geographical location based on the at least one security parameter. Further, the method may include a step of generating, using the processing device, a geofence corresponding to a geographical area based on the analyzing. Further, the method may include a step of receiving, using the communication device, at least one supervisee data associated with a supervisee from at least one supervisee device. Further, the method may include a step of analyzing, using the processing device, the at least one supervisee data based on the geofence. Further, the method may include a step of generating, using the processing device, a supervision notification based on the analyzing of the at least one supervisee data. Further, the method may include a step of transmitting, using the communication device, the supervision notification to the at least one

supervisor device. Further, the method may include a step of storing, using a storage device, the at least one supervisee data and the supervision notification.

Further disclosed herein is a system for facilitating supervision of individuals based on geofencing, in accordance with some embodiments. Accordingly, the system may include a communication device, a processing device, and a storage device. Further, the communication device may be configured for receiving at least one parameter from at least one supervisor device associated with at least one supervisor. Further, the communication device may be configured for receiving a geographical location from the at least one supervisor device. Further, the communication device may be configured for receiving at least one supervisee data associated with a supervisee from at least one supervisee device. Further, the communication device may be configured for transmitting a supervision notification to the at least one supervisor device. Further, the processing device may be configured for analyzing the geographical location based on the at least one security parameter. Further, the processing device may be configured for generating a geofence corresponding to a geographical area based on the analyzing. Further, the processing device may be configured for analyzing the at least one supervisee data based on the geofence. Further, the processing device may be configured for generating the supervision notification based on the analyzing of the at least one supervisee data. Further, the storage device may be configured for storing the at least one supervisee data and the supervision notification.

Both the foregoing summary and the following detailed description provide examples and are explanatory only. Accordingly, the foregoing summary and the following detailed description should not be considered to be restrictive. Further, features or variations may be provided in addition to those set forth herein. For example, embodiments may be directed to various feature combinations and sub-combinations described in the detailed description.

BRIEF DESCRIPTION OF DRAWINGS

The accompanying drawings, which are incorporated in and constitute a part of this disclosure, illustrate various embodiments of the present disclosure. The drawings contain representations of various trademarks and copyrights owned by the Applicants. In addition, the drawings may contain other marks owned by third parties and are being used for illustrative purposes only. All rights to various trademarks and copyrights represented herein, except those belonging to their respective owners, are vested in and the property of the applicants. The applicants retain and reserve all rights in their trademarks and copyrights included herein, and grant permission to reproduce the material only in connection with reproduction of the granted patent and for no other purpose.

Furthermore, the drawings may contain text or captions that may explain certain embodiments of the present disclosure. This text is included for illustrative, non-limiting, explanatory purposes of certain embodiments detailed in the present disclosure.

FIG. 1 is a block diagram of a system for facilitating supervision of individuals based on geofencing, in accordance with some embodiments.

FIG. 2 is a flowchart of a method for facilitating supervision of individuals based on geofencing, in accordance with some embodiments.

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FIG. 3 is a flowchart of a method for facilitating determination of a location anomaly based on the geofencing, in accordance with some embodiments.

FIG. 4 is a flowchart of a method for facilitating performing of an action based on the geofencing, in accordance with some embodiments.

FIG. 5 is a flowchart of a method for facilitating generating a geofence grid based on the geofencing, in accordance with some embodiments.

FIG. 6 is a flowchart of a method for facilitating identification of a supervisee based on the geofencing, in accordance with some embodiments.

FIG. 7 is a flowchart of a method for facilitating determination of lethality of an object based on the geofencing, in accordance with some embodiments.

FIG. 8 is a flowchart of a method for facilitating determination of a threat in an environment of a supervisee based on the geofencing, in accordance with some embodiments.

FIG. 9 is a flowchart of a method for facilitating determination of a specific location of a supervisee based on the geofencing, in accordance with some embodiments.

FIG. 10 is a flowchart of a method for facilitating identification of a supervisee using NFC based on the geofencing, in accordance with some embodiments.

FIG. 11 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervisor device, in accordance with some embodiments.

FIG. 12 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 11.

FIG. 13 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervised user device, in accordance with some embodiments.

FIG. 14 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 13.

FIG. 15 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervisor device at the online platform, in accordance with some embodiments.

FIG. 16 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervised user device to create a profile for a supervised user at the online platform, in accordance with some embodiments.

FIG. 17 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervised user device to send an emergency alert, in accordance with some embodiments.

FIG. 18 is a flow diagram illustrating various navigation paths with respect to user interfaces available when a supervised user (such as a child) may request for help and a supervisor (such as a parent) may receive a notification through the supervisor device, in accordance with some embodiments.

FIG. 19 is a flow diagram illustrating various navigation paths with respect to user interfaces available when the supervised user (such as a child) may auto-check into the geofence, in accordance with some embodiments.

FIG. 20 is a flow diagram illustrating various navigation paths with respect to user interfaces available when a supervised user (such as a child) may reach the geofence and a supervisor (such as a parent) may receive a notification through the supervisor device, in accordance with some embodiments.

FIG. 21 is a flow diagram illustrating various navigation paths with respect to user interfaces available when the supervised user (such as a child) may reach a location (such

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as the geofence) and the child may receive a notification requesting a check-in, in accordance with some embodiments.

FIG. 22 is a flow diagram illustrating various navigation paths with respect to user interfaces available when the supervised user (such as a child) may reach a location (such as the geofence) and a supervisor (such as a parent) may receive a notification through the supervisor device, in accordance with some embodiments.

FIG. 23 is a flow diagram illustrating various navigation paths with respect to user interfaces available for the supervisor device when the supervisor (such as parents) may create the geofence, in accordance with some embodiments.

FIG. 24 is a flow diagram illustrating various navigation paths with respect to user interfaces available for the supervisor device when the supervisor (such as parents) may create a task, in accordance with some embodiments.

FIG. 25 is a flow diagram illustrating various navigation paths with respect to user interfaces available for the supervisor device when the supervisor (such as parents) may select the "Map View" option from the home screen, in accordance with some embodiments.

FIG. 26 is a flow diagram of a method for setting up a geofence, in accordance with some embodiments. Further, the method may include a step of setting up a building.

FIG. 27 is a flow diagram of a method for adding and/or removing users from a database (such as the database), in accordance with some embodiments.

FIG. 28 is a flow diagram of a method for user login, in accordance with some embodiments.

FIG. 29 is a flow diagram of a method for adding a user to an organization subscriber list, in accordance with some embodiments.

FIG. 30 is a flow diagram of a method for adding a role corresponding to a user, in accordance with some embodiments.

FIG. 31 is a flow diagram of a method for granting permission associated with the role corresponding to a user, in accordance with some embodiments.

FIG. 32 is a flow diagram of a method to initiate a script associated with face recognition in order to verify if a user with the particular object may be an authorized user or not, in accordance with some embodiments.

FIG. 33 is a flow diagram of a method to facilitate communication between the supervised user device and the supervisor device based on geofencing, in accordance with some embodiments.

FIG. 34 is a continuation flow diagram of the method used for explaining processes carried out as shown in FIG. 33.

FIG. 35 is a flow diagram illustrating various navigation paths with respect to user interfaces available to facilitate triggering the emergency scenario, in accordance with some embodiments.

FIG. 36 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 35.

FIG. 37 is a flow diagram of a method to facilitate communication between the supervised user device and the supervisor device based on geofencing, in accordance with some embodiments.

FIG. 38 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a user device, in accordance with some embodiments.

FIG. 39 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 38.

FIG. 40 is a flow diagram illustrating various navigation paths with respect to user interfaces available to trigger the emergency scenario, in accordance with some embodiments.

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FIG. 41 is a block diagram of a system to facilitate communication between a supervisor device and a supervised user device based on geofencing, in accordance with some embodiments.

FIG. 42 is an illustration of an online platform consistent with various embodiments of the present disclosure.

FIG. 43 is a block diagram of a computing device for implementing the methods disclosed herein, in accordance with some embodiments.

DETAILED DESCRIPTION

As a preliminary matter, it will readily be understood by one having ordinary skill in the relevant art that the present disclosure has broad utility and application. As should be understood, any embodiment may incorporate only one or a plurality of the above-disclosed aspects of the disclosure and may further incorporate only one or a plurality of the above-disclosed features. Furthermore, any embodiment discussed and identified as being “preferred” is considered to be part of a best mode contemplated for carrying out the embodiments of the present disclosure. Other embodiments also may be discussed for additional illustrative purposes in providing a full and enabling disclosure. Moreover, many embodiments, such as adaptations, variations, modifications, and equivalent arrangements, will be implicitly disclosed by the embodiments described herein and fall within the scope of the present disclosure.

Accordingly, while embodiments are described herein in detail in relation to one or more embodiments, it is to be understood that this disclosure is illustrative and exemplary of the present disclosure, and are made merely for the purposes of providing a full and enabling disclosure. The detailed disclosure herein of one or more embodiments is not intended, nor is to be construed, to limit the scope of patent protection afforded in any claim of a patent issuing here from, which scope is to be defined by the claims and the equivalents thereof. It is not intended that the scope of patent protection be defined by reading into any claim limitation found herein and/or issuing here from that does not explicitly appear in the claim itself.

Thus, for example, any sequence(s) and/or temporal order of steps of various processes or methods that are described herein are illustrative and not restrictive. Accordingly, it should be understood that, although steps of various processes or methods may be shown and described as being in a sequence or temporal order, the steps of any such processes or methods are not limited to being carried out in any particular sequence or order, absent an indication otherwise. Indeed, the steps in such processes or methods generally may be carried out in various different sequences and orders while still falling within the scope of the present disclosure. Accordingly, it is intended that the scope of patent protection is to be defined by the issued claim(s) rather than the description set forth herein.

Additionally, it is important to note that each term used herein refers to that which an ordinary artisan would understand such term to mean based on the contextual use of such term herein. To the extent that the meaning of a term used herein—as understood by the ordinary artisan based on the contextual use of such term—differs in any way from any particular dictionary definition of such term, it is intended that the meaning of the term as understood by the ordinary artisan should prevail.

Furthermore, it is important to note that, as used herein, “a” and “an” each generally denotes “at least one,” but does not exclude a plurality unless the contextual use dictates

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otherwise. When used herein to join a list of items, “or” denotes “at least one of the items,” but does not exclude a plurality of items of the list. Finally, when used herein to join a list of items, “and” denotes “all of the items of the list.”

The following detailed description refers to the accompanying drawings. Wherever possible, the same reference numbers are used in the drawings and the following description to refer to the same or similar elements. While many embodiments of the disclosure may be described, modifications, adaptations, and other implementations are possible. For example, substitutions, additions, or modifications may be made to the elements illustrated in the drawings, and the methods described herein may be modified by substituting, reordering, or adding stages to the disclosed methods. Accordingly, the following detailed description does not limit the disclosure. Instead, the proper scope of the disclosure is defined by the claims found herein and/or issuing here from. The present disclosure contains headers. It should be understood that these headers are used as references and are not to be construed as limiting upon the subjected matter disclosed under the header.

The present disclosure includes many aspects and features. Moreover, while many aspects and features relate to, and are described in the context of systems and methods for facilitating supervision of individuals based on geofencing, embodiments of the present disclosure are not limited to use only in this context.

In general, the method disclosed herein may be performed by one or more computing devices. For example, in some embodiments, the method may be performed by a server computer in communication with one or more client devices over a communication network such as, for example, the Internet. In some other embodiments, the method may be performed by one or more of at least one server computer, at least one client device, at least one network device, at least one sensor, and at least one actuator. Examples of the one or more client devices and/or the server computer may include, a desktop computer, a laptop computer, a tablet computer, a personal digital assistant, a portable electronic device, a wearable computer, a smartphone, an Internet of Things (IoT) device, a smart electrical appliance, a video game console, a rack server, a super-computer, a mainframe computer, mini-computer, micro-computer, a storage server, an application server (e.g. a mail server, a web server, a real-time communication server, an FTP server, a virtual server, a proxy server, a DNS server, etc.), a quantum computer, and so on. Further, one or more client devices and/or the server computer may be configured for executing a software application such as, for example, but not limited to, an operating system (e.g. Windows, Mac OS, Unix, Linux, Android, etc.) in order to provide a user interface (e.g. GUI, touch-screen based interface, voice-based interface, gesture-based interface, etc.) for use by the one or more users and/or a network interface for communicating with other devices over a communication network. Accordingly, the server computer may include a processing device configured for performing data processing tasks such as, for example, but not limited to, analyzing, identifying, determining, generating, transforming, calculating, computing, compressing, decompressing, encrypting, decrypting, scrambling, splitting, merging, interpolating, extrapolating, redacting, anonymizing, encoding and decoding. Further, the server computer may include a communication device configured for communicating with one or more external devices. The one or more external devices may include, for example, but are not limited to, a client device, a third-party database, a public database, a private database and so on.

Further, the communication device may be configured for communicating with the one or more external devices over one or more communication channels. Further, the one or more communication channels may include a wireless communication channel and/or a wired communication channel. Accordingly, the communication device may be configured for performing one or more of transmitting and receiving of information in electronic form. Further, the server computer may include a storage device configured for performing data storage and/or data retrieval operations. In general, the storage device may be configured for providing reliable storage of digital information. Accordingly, in some embodiments, the storage device may be based on technologies such as, but not limited to, data compression, data backup, data redundancy, deduplication, error correction, data fingerprinting, role-based access control, and so on.

Further, one or more steps of the method disclosed herein may be initiated, maintained, controlled and/or terminated based on a control input received from one or more devices operated by one or more users such as, for example, but not limited to, an end-user, an admin, a service provider, a service consumer, an agent, a broker and a representative thereof. Further, the user as defined herein may refer to a human, an animal or an artificially intelligent being in any state of existence, unless stated otherwise, elsewhere in the present disclosure. Further, in some embodiments, the one or more users may be required to successfully perform authentication in order for the control input to be effective. In general, a user of the one or more users may perform authentication based on the possession of a secret human-readable secret data (e.g. username, password, passphrase, PIN, secret question, secret answer, etc.) and/or possession of a machine-readable secret data (e.g. encryption key, decryption key, bar codes, etc.) and/or possession of one or more embodied characteristics unique to the user (e.g. biometric variables such as but not limited to, fingerprint, palm-print, voice characteristics, behavioral characteristics, facial features, iris pattern, heart rate variability, evoked potentials, brain waves, and so on) and/or possession of a unique device (e.g. a device with a unique physical and/or chemical and/or biological characteristic, a hardware device with a unique serial number, a network device with a unique IP/MAC address, a telephone with a unique phone number, a smartcard with an authentication token stored thereupon, etc.). Accordingly, the one or more steps of the method may include communicating (e.g. transmitting and/or receiving) with one or more sensor devices and/or one or more actuators in order to perform authentication. For example, the one or more steps may include receiving, using the communication device, the secret human-readable data from an input device such as, for example, a keyboard, a keypad, a touch-screen, a microphone, a camera and so on. Likewise, the one or more steps may include receiving, using the communication device, the one or more embodied characteristics from one or more biometric sensors.

Further, one or more steps of the method may be automatically initiated, maintained and/or terminated based on one or more predefined conditions. In an instance, the one or more predefined conditions may be based on one or more contextual variables. In general, the one or more contextual variables may represent a condition relevant to the performance of the one or more steps of the method. The one or more contextual variables may include, for example, but are not limited to, location, time, identity of a user associated with a device (e.g. the server computer, a client device, etc.) corresponding to the performance of the one or more steps, environmental variables (e.g. temperature, humidity, pres-

sure, wind speed, lighting, sound, etc.) associated with a device corresponding to the performance of the one or more steps, physical state and/or physiological state and/or psychological state of the user, physical state (e.g. motion, direction of motion, orientation, speed, velocity, acceleration, trajectory, etc.) of the device corresponding to the performance of the one or more steps and/or semantic content of data associated with the one or more users. Accordingly, the one or more steps may include communicating with one or more sensors and/or one or more actuators associated with the one or more contextual variables. For example, the one or more sensors may include, but are not limited to, a timing device (e.g. a real-time clock), a location sensor (e.g. a GPS receiver, a GLONASS receiver, an indoor location sensor, etc.), a biometric sensor (e.g. a fingerprint sensor), an environmental variable sensor (e.g. temperature sensor, humidity sensor, pressure sensor, etc.) and a device state sensor (e.g. a power sensor, a voltage/current sensor, a switch-state sensor, a usage sensor, etc. associated with the device corresponding to performance of the one or more steps).

Further, the one or more steps of the method may be performed one or more number of times. Additionally, the one or more steps may be performed in any order other than as exemplarily disclosed herein, unless explicitly stated otherwise, elsewhere in the present disclosure. Further, two or more steps of the one or more steps may, in some embodiments, be simultaneously performed, at least in part. Further, in some embodiments, there may be one or more time gaps between performance of any two steps of the one or more steps.

Further, in some embodiments, the one or more predefined conditions may be specified by the one or more users. Accordingly, the one or more steps may include receiving, using the communication device, the one or more predefined conditions from one or more devices operated by the one or more users. Further, the one or more predefined conditions may be stored in the storage device. Alternatively, and/or additionally, in some embodiments, the one or more predefined conditions may be automatically determined, using the processing device, based on historical data corresponding to performance of the one or more steps. For example, the historical data may be collected, using the storage device, from a plurality of instances of performance of the method. Such historical data may include performance actions (e.g. initiating, maintaining, interrupting, terminating, etc.) of the one or more steps and/or the one or more contextual variables associated therewith. Further, machine learning may be performed on the historical data in order to determine the one or more predefined conditions. For instance, machine learning on the historical data may determine a correlation between one or more contextual variables and performance of the one or more steps of the method. Accordingly, the one or more predefined conditions may be generated, using the processing device, based on the correlation.

Further, one or more steps of the method may be performed at one or more spatial locations. For instance, the method may be performed by a plurality of devices interconnected through a communication network. Accordingly, in an example, one or more steps of the method may be performed by a server computer. Similarly, one or more steps of the method may be performed by a client computer. Likewise, one or more steps of the method may be performed by an intermediate entity such as, for example, a proxy server. For instance, one or more steps of the method may be performed in a distributed fashion across the plurality of devices in order to meet one or more objectives. For

example, one objective may be to provide load balancing between two or more devices. Another objective may be to restrict a location of one or more of an input data, an output data and any intermediate data therebetween corresponding to one or more steps of the method. For example, in a client-server environment, sensitive data corresponding to a user may not be allowed to be transmitted to the server computer. Accordingly, one or more steps of the method operating on the sensitive data and/or a derivative thereof may be performed at the client device.

OVERVIEW

The present disclosure describes systems and methods for facilitating supervision of individuals based on geofencing. Further, the present disclosure, in an instance, may include a system and/or a method to allow a user (organization) to map and/or geofence a facility (such as a school). Anything inside the geofencing may automatically route to properties dispatch. Further, the supervisor device, in an instance, may be any GPS enabled device that may be operated by a supervisor. Further, the supervisor, in an instance, may include an individual and/or organization that may wish to supervise other users (such as children). Further, the supervised user device, in an instance, may include a GPS enabled device which may be operated by a supervised user. Further, the supervised user, in an instance, may include an individual that may need to be supervised by the supervisor. For instance, the supervised user may include a child going to a school that may need to be supervised by the parents with regard to a location associated with the child.

Further, the disclosed system and method may allow an organization to create an account, create a geofence, store in a database, access account. Further, if a user with a mobile device has an incident, the user may click a dispatch button.

Further, the user may be provided with features such as Shake button (click-override), Re-configured buttons home standby and home on record, "Hide" (such as lock-out, pass-code initiated enter passcode), Quick-share {such as quick share, notification, select text message to send (sends link to non-registered users), SMS email, hyperlink ready (video stream), send to an application (application notification email device)}

Further, the user may be provided with a feature that may include switching from screen to a video stream view to a GPS view. Further, the disclosed system may be configured to access incidents ongoing and/or history through cloud storage. Further, the cloud storage, in an instance, may be peer to peer storage which refers to mobile device encrypted storage. Further, the peer to peer storage, in an instance, may allow the saved data to be saved on multiple user devices and/or to be retrieved from those devices when requested. Further, the disclosed system may be configured to provide peer to peer streaming where the data may pass through multiple devices instead of a storage cloud.

Further, the feature may allow sharing selected incident through "subscribed contacts." For instance, the subscribed contacts may include (but not limited to) ABC news, subscribed user, organizations, personal contacts, etc.

Further, the disclosed system may allow Geofencing. For instance, add one or more locations, multiple points, check-points, etc. in order to get notifications from positional and timing anomalies—alert; notification (made it, diverted, normal route, auto check-in), and/or schedule tracking of each "leg" etc.

Further, the disclosed system may include drone deployment. For instance, take data from location incident, track-

ing. Further, an organization drone may be deployed to a location in order to monitor the incident.

Further, the disclosed system may include a Chirp Responder Home that may include messaging services, CB radio emulations (such as real-time messages), PTT, one-person talking to same, and time-dependent duration talk, etc.

Further, the disclosed system may include facial and object recognition that may be configured to scan and identify (such as object recognition, identifying a gun), and/or automatically runs a trigger to scan faces to qualify the gun carrier—if NOT qualified, triggers an event such as (but not limited to) a notification automatically to be received by a dispatch system. Further, in an instance, the disclosed system may be configured to scan face (facial scan) and match the scanned face with data associated with a database to identify zone-based violation (such as a pedophile near a school) once identified automated trigger. Further, the disclosed method may include an autonomous process such as capturing frame, running a scan, redundancy override, etc. For instance, the disclosed system may be configured to identify the object and/or face by using facial and trained object detection data. Further, once a face and/or object may be identified, the disclosed system may be configured to capture a frame. Further, the disclosed system, in an instance, may run the redundancy scan before scanning the database (and/or image database).

Further, the user, in an instance, may receive an alert when a person may be lost. Accordingly, that user may turn on a device for scanning and/or capturing Bluetooth (wireless network) or NFC or any type of retrievable device creating a code for that device to trigger that lost person alert within geofencing proximity. Further, when the user device may identify the device code of the lost person, the user device may trigger a notification to responsible parties and/or may dispatch the location and timestamp along with user information for assist request and the user with the lost person's data for assistance.

Further, an augmented reality view may be presented to the user through the user device. Further, the user device may track the location of individuals to show where they (the individuals) are in the facility (chirp integrated).

Further, the user device (such as landlines and/or office phones) may capture location when a person may call from the phone to automatically show where the person may be present. Further, the disclosed system may include Identifier-report (for location/tracking purposes).

Further, the disclosed system may include a feature such as Video Sourcing, which may allow cameras at a user's house to allocate surveillance in a case when an emergency service such as police may need video data (for instance to follow a criminal during a chase). For instance, a user may make a request to use the camera and the user may be authorized to access the camera for a limited time (timer orientated). Further, a notification that the camera may no longer be used may also be shared using crowd-sourcing video. Tap into these cameras. Further, users may de-authorize cameras upon choice.

Further, organizations may create a geofence and when an incident may be executed, Samscloud (the application) may check a database and automatically route the incident. For instance, anyone with the application may trigger an event that directly connects them to any organization, property, area with a geofence. Further, the application may be triggered by (for instance) clicking a button, swiping a component, shaking the phone, speech recognition, etc.

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Further, the disclosed system, in an instance, may facilitate object and/or facial recognition. Accordingly, the disclosed system may be trained to identify a particular object (gun/weapon) such that when the particular object may be identified, the system may be configured to run a script to check face to verify if the face may be authorized or not. Further, if the face may not be authorized, then the system may automatically run an emergency scenario alert. Further, using just the screen when a face is identified, the system may reduce the need to record the video or take pictures and/or may reduce the need to process entire videos.

Further, the user may point and when a face may be identified (results may be served to the user). Further, the user may shake the device to move through the emergency phases. Further, the user may be allowed to use the augmented reality view to locate victims during an emergency with a tap of the device. Further, the Chirp may allow the user to (with a click a button) communicate with one or more (similar to CB) users. Further, the users may have a group and/or one on one conversation without dialing just click and the system may connect everyone in the group to hear the conversation.

Further, the disclosed system may allow a user (or organization) to map the school, geofence, anything inside the geofencing automatically routes to that properties dispatch. Further, an organization may be prompted to create an account. Further, the organization may create a geofence. Further, the organization may access account using a database. Further, the user with a mobile device has an incident. Further, the user may click dispatch button.

Referring now to figures, FIG. 1 is a block diagram of a system 100 for facilitating supervision of individuals based on geofencing, in accordance with some embodiments. Accordingly, the system 100 may include a communication device 102, a processing device 104, and a storage device 106.

Further, the communication device 102 may be configured for receiving at least one parameter from at least one supervisor device associated with at least one supervisor. Further, the communication device 102 may be configured for receiving a geographical location from the at least one supervisor device. Further, the communication device 102 may be configured for receiving at least one supervisee data associated with a supervisee from at least one supervisee device. Further, the at least one supervisee device may be disposed on the geographical area corresponding to the geofence. Further, the at least one supervisee device may include a wearable device. Further, the supervisee wears the wearable device. Further, the at least one supervisee device may be disposed on the geographical area corresponding to the geofence. Further, the communication device 102 may be configured for transmitting a supervision notification to the at least one supervisor device.

Further, the processing device 104 may be configured for analyzing the geographical location based on the at least one security parameter. Further, the processing device 104 may be configured for generating a geofence corresponding to a geographical area based on the analyzing. Further, the processing device 104 may be configured for analyzing the at least one supervisee data based on the geofence. Further, the processing device 104 may be configured for generating the supervision notification based on the analyzing of the at least one supervisee data.

Further, the storage device 106 may be configured for storing the at least one supervisee data and the supervision notification.

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Further, in some embodiments, the communication device 102 may be further configured for receiving at least one location indication associated with the geographical area from the at least one supervisor device. Further, the processing device 104 may be further configured for identifying at least one location corresponding to the at least one location indication. Further, the processing device 104 may be further configured for analyzing the at least one supervisee data based on the at least one location. Further, the processing device 104 may be further configured for determining a location anomaly based on the analyzing of the at least one supervisee data based on the at least one location. Further, the generating of the supervision notification may be based on the determining.

Further, in some embodiments, the processing device 104 may be further configured for identifying the supervisee based on the analyzing of the at least one supervisee data. Further, the analyzing may include a facial recognition system. Further, the storage device 106 may be configured for retrieving supervisee profile data associated with the supervisee based on the identifying. Further, the generating of the supervision notification may be based on the retrieving.

Further, in some embodiments, the processing device 104 may be further configured for identifying at least one object associated with the supervisee based on the analyzing of the at least one supervisee data. Further, the analyzing may include IR scanning, X-ray scanning, etc. Further, the processing device 104 may be further configured for determining a lethality of the at least one object based on the identifying. Further, the generating of the supervision notification may be based on the determining.

Further, in some embodiments, the communication device 102 may be further configured for receiving at least one environment data associated the geographical area corresponding to the geofence. Further, the processing device 104 may be further configured for analyzing the at least one environment data. Further, the processing device 104 may be further configured for determining at least one threat based on the analyzing of the at least one environment data. Further, the generating of the supervisor notification may be based on the determining.

Further, in some embodiments, the storage device 106 may be further configured for retrieving a blueprint associated with the geographical area corresponding to the geofence. Further, the geographical area may include a facility such as a school, a hostel, etc. Further, the processing device 104 may be further configured for analyzing the blueprint and the at least one supervisee data. Further, the processing device 104 may be further configured for determining a location of the supervisee on the blueprint based on the analyzing of the blueprint and the at least one supervisee data. Further, the generating of the supervision data may be based on the determining.

Further, in some embodiments, the at least one supervisee device may include at least one sensor. Further, the at least one sensor may be configured for detecting at least one signal made by the supervisee. Further, the at least one signal may include a gesture signal, a sound signal, etc. Further, the at least one sensor may be configured for generating the at least one supervisee data based on the detecting. Further, the at least one sensor may include an IR sensor, an image sensor, etc.

Further, in some embodiments, the supervision notification may include at least one supervisee event. Further, the at least one supervisee event may be associated with at least one action. Further, the processing device 104 may be

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configured for determining the at least one action based on the supervision notification. Further, the processing device **104** may be configured for performing the at least one action based on the determining. Further, the at least one action may include an establishment of a communication session between the at least one supervisor device and the at least one supervisee device.

Further, in some embodiments, the geofence may be characterized by a geofence area corresponding to the geographical area. Further, the geofence may include a plurality of geofence grid boxes associated with the geofence area. Further, each geofence grid box may be characterized by a grid box geofence area of the geofence area. Further, the communication device **102** may be configured for receiving at least one grid parameter from the at least one supervisor device. Further, the processing device **104** may be configured for analyzing the at least one grid parameter. Further, the processing device **104** may be configured for determining the grid box geofence area based on the analyzing of the at least one grid parameter. Further, the processing device **104** may be configured for generating a number of geofence grid boxes based on the determining.

Further, in some embodiment, the supervisee may be associated with at least one near field communication (NFC) identification. Further, the communication device **102** may be configured for receiving at least one NFC indication corresponding to the at least one NFC identification from the at least one supervisee device. Further, the processing device **104** may be configured for identifying the supervisee based on the at least one NFC indication. Further, the generating of the supervision notification may be based on the identifying.

FIG. 2 is a flowchart of a method **200** for facilitating supervision of individuals based on geofencing, in accordance with some embodiments. Accordingly, at **202**, the method **200** may include a step of receiving, using a communication device, at least one parameter from at least one supervisor device associated with at least one supervisor.

Further, at **204**, the method **200** may include a step of receiving, using the communication device, a geographical location from the at least one supervisor device.

Further, at **206**, the method **200** may include a step of analyzing, using a processing device, the geographical location based on the at least one security parameter.

Further, at **208**, the method **200** may include a step of generating, using the processing device, a geofence corresponding to a geographical area based on the analyzing.

Further, at **210**, the method **200** may include a step of receiving, using the communication device, at least one supervisee data associated with a supervisee from at least one supervisee device.

Further, at **212**, the method **200** may include a step of analyzing, using the processing device, the at least one supervisee data based on the geofence.

Further, at **214**, the method **200** may include a step of generating, using the processing device, a supervision notification based on the analyzing of the at least one supervisee data.

Further, at **216**, the method **200** may include a step of transmitting, using the communication device, the supervision notification to the at least one supervisor device.

Further, at **218**, the method **200** may include a step of storing, using a storage device, the at least one supervisee data and the supervision notification.

FIG. 3 is a flowchart of a method **300** for facilitating determination of a location anomaly based on the geofencing,

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in accordance with some embodiments. Accordingly, at **302**, the method **300** may include a step of receiving, using the communication device, at least one location indication associated with the geographical area from the at least one supervisor device.

Further, at **304**, the method **300** may include a step of identifying, using the processing device, at least one location corresponding to the at least one location indication.

Further, at **306**, the method **300** may include a step of analyzing, using the processing device, the at least one supervisee data based on the at least one location.

Further, at **308**, the method **300** may include a step of determining, using the processing device, a location anomaly based on the analyzing of the at least one supervisee data based on the at least one location. Further, the generating of the supervision notification may be based on the determining.

FIG. 4 is a flowchart of a method **400** for facilitating performing of an action based on the geofencing, in accordance with some embodiments. Accordingly, at **402**, the method **400** may include a step of determining, using the processing device, the at least one action based on the supervision notification.

Further, at **404**, the method **400** may include a step of performing, using the processing device, the at least one action based on the determining. Further, the at least one action may include an establishment of a communication session between the at least one supervisee device and the at least one supervisor device.

FIG. 5 is a flowchart of a method **500** for facilitating generating a geofence grid based on the geofencing, in accordance with some embodiments. Accordingly, at **502**, the method **500** may include a step of receiving, using the communication device, at least one grid parameter from the at least one supervisor device.

Further, at **504**, the method **500** may include a step of analyzing, using the processing device, the at least one grid parameter.

Further, at **506**, the method **500** may include a step of determining, using the processing device, the grid box geofence area based on the analyzing of the at least one grid parameter.

Further, at **508**, the method **500** may include a step of generating, using the processing device, a number of geofence grid boxes based on the determining.

FIG. 6 is a flowchart of a method **600** for facilitating identification of a supervisee based on the geofencing, in accordance with some embodiments. Accordingly, at **602**, the method **600** may include a step of identifying, using the processing device, the supervisee based on the analyzing of the at least one supervisee data. Further, the analyzing may include a facial recognition system.

Further, at **604**, the method **600** may include a step of retrieving, using the storage device, supervisee profile data associated with the supervisee based on the identifying. Further, the generating of the supervision notification may be based on the retrieving.

FIG. 7 is a flowchart of a method **700** for facilitating determination of lethality of an object based on the geofencing, in accordance with some embodiments. Accordingly, at **702**, the method **700** may include a step of identifying, using the processing device, at least one object associated with the supervisee based on the analyzing of the at least one supervisee data. Further, the analyzing may include IR scanning, X-ray scanning, etc.

Further, at **704**, the method **700** may include a step of determining, using the processing device, a lethality of the

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at least one object based on the identifying. Further, the generating of the supervision notification may be based on the determining.

FIG. 8 is a flowchart of a method 800 for facilitating determination of a threat in an environment of a supervisee based on the geofencing, in accordance with some embodiments.

Accordingly, at 802, the method 800 may include a step of receiving, using the communication device, at least one environment data associated the geographical area corresponding to the geofence.

Further, at 804, the method 800 may include a step of analyzing, using the processing device, the at least one environment data.

Further, at 806, the method 800 may include a step of determining, using the processing device, at least one threat based on the analyzing of the at least one environment data. Further, the generating of the supervisor notification may be based on the determining.

FIG. 9 is a flowchart of a method 900 for facilitating determination of a specific location of a supervisee based on the geofencing, in accordance with some embodiments. Accordingly, at 902, the method 900 may include a step of retrieving, using the storage device, a blueprint associated with the geographical area corresponding to the geofence. Further, the geographical area may include a facility such as a school, a hostel, etc.

Further, at 904, the method 900 may include a step of analyzing, using the processing device, the blueprint and the at least one supervisee data.

Further, at 906, the method 900 may include a step of determining, using the processing device, a location of the supervisee on the blueprint based on the analyzing of the blueprint and the at least one supervisee data. Further, the generating of the supervision data may be based on the determining.

Further, in some embodiments, the at least one supervisee device may include at least one sensor. Further, the at least one sensor may be configured for detecting at least one signal made by the supervisee. Further, the at least one signal may include a gesture signal, a sound signal, etc. Further, the at least one sensor may be configured for generating the at least one supervisee data based on the detecting.

FIG. 10 is a flowchart of a method 1000 for facilitating identification of a supervisee using NFC based on the geofencing, in accordance with some embodiments. Accordingly, at 1002, the method 1000 may include a step of receiving, using the communication device, at least one NFC indication corresponding to with the at least NFC identification from the at least one supervisee device. Further, the supervisee may be associated with the at least one NFC identification.

Further, at 1002, the method 1000 may include a step of identifying, using the processing device, the at least one supervisee based on the at least one NFC indication.

FIG. 11 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervisor device, in accordance with some embodiments. Further, the user interface, in an instance, may include a loading screen 1102. Further, the user interface, in an instance, may include a home screen 1104 which may include options such as (but not limited to) "My Children" 1106 (for managing users), "Geofences 1108," "tasks 1110," "contacts 1112," "messenger 1114," "history 1116," "settings 1194," "notification center 1120," and/or "view map 1118." Further, the settings 1194, in an instance, may include options such as

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(but not limited to) edit profile 1122, sign out 1124, push notifications 1126, play sound 1128, vibrate on 1130, privacy policy 1132, and/or terms of use 1134. Further, the Edit profile 1122, in an instance, may also allow the supervisor to edit credentials such as (but not limited to) full name 1136, telephone 1138, email address 1140, address line 1 1142, address line 2 1144, state/province 1146, zip/postal code 1148, country 1150, password 1152, and confirm password 1154. Further, the messenger 1114, in an instance, may allow the supervisor to view and/or follow conversations (conversation 1 1156, conversation 1 1158, and group chat 1 1160) with other users (such as the supervised users). Further, My Children option 1106 from the home screen, in an instance, may allow the supervisor to add profile associated with the supervised user. Further, My Children option 1106 may include child 1 1162, child 3 1164, and add child 1166.

FIG. 12 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 11. Further, the child 1 1162 may include a child 1 profile 1168, in an instance, may include options such as (but not limited to) GeoLocate 1170, Quick message 1172, call 1174, contact 1 1176, contact 2 1178, and add contact 1180. Further, the contact 1 1176 that may further include contacts 1182 such as full name 1184, telephone 1186, email address 1188, relationship 1190, emergency (y/n) 1192.

FIG. 13 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervised user device, in accordance with some embodiments. Further, the user interface, in an instance, may include a loading screen 1302. Further, the user interface, in an instance, may include a home screen 1304 which may include options such as (but not limited to) a request help 1306, my profile 1308, contacts 1310, history 1312, messenger 1314, settings 1316, notification center 1320, and/or view map 1318. Further, the request help 1306 (as shown in FIG. 9), in an instance, may include (but not limited to) send help 1322, and/or call 911 1324. Further, the supervised user, in an instance, may select "send help" 1322, and/or call 911 1324 from the request help that may send a notification to the supervisor device (sending help 1326 and/or calling 911 1328). Further, the settings 1316, in an instance, may include options such as (but not limited to) edit profile 1330, sign out 1332, push notifications 1334, play sound 1336, vibrate on 1338, privacy policy 1340, and/or terms of use 1342. Further, the messenger 1314, in an instance, may allow the supervised user to view and/or follow conversations (conversation 1 1344 and conversation 1 1346) with other users. Further, the contacts 1310 may include contact 1 1348, contact 2 1350, and add contact 1352.

FIG. 14 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 13. Further, the add contact 1352 from the home screen may include contacts 1354 (such as full name 1356, telephone 1358, email address 1360, relationship 1362, emergency (y/n) 1364) associated with other users. Further, the Edit profile 1330, in an instance, may also allow the supervised user to edit credentials such as (but not limited to) full name 1366, telephone 1368, email address 1370, address line 1 1372, address line 2 1374, state/province 1376, zip/postal code 1378, country 1380, password 1382, and confirm password 1384.

FIG. 15 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervisor device at the online platform 4200, in accordance with some embodiments. Further, the user interface, in an instance, may include a loading screen 1502. Further, the user interface, in an instance, may include a home 1504

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which may include options such as email address **1506**, password **1508**, and sign up **1510**. Further, the sign up **1510** may include a welcome email **1512** which further may include a confirm email **1514**. Further, a welcome screen **1516** may include a complete profile **1518**. Further, a create profile **1520**, in an instance, may also allow the supervisor to edit credentials such as (but not limited to) full name **1522**, telephone **1524**, email address **1526**, address line **1** **1528**, address line **2** **1530**, state/province **1532**, zip/postal code **1534**, country **1536**, password **1538**, and confirm password **1540**. Further, a home screen **1542** may include my children **1544**, my profile **1546**, contacts **1548**, messenger **1550**, settings **1552**, and notification centre **1554**.

FIG. **16** is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervised user device to create a profile for a supervised user at the online platform **4200**, in accordance with some embodiments. Further, a supervisor (such as parents) may create the profile for a child by interacting with the supervisor device. Further, the child may receive a welcome email **1602** or text message. Further, the welcome email **1602** may include a confirmation email **1604**. Further, a welcome screen **1606** may include a complete profile **1608**. Further, create profile **1610** may include full name **1612**, telephone **1614**, email address **1616**, address line **1** **1618**, address line **2** **1620**, state/province **1622**, zip/postal code **1624**, country **1626**, password **1628**, and confirm password **1630**. Further, a home screen **1632** may include my family **1634**, my profile **1636**, contacts **1638**, messenger **1640**, settings **1642**, and notification centre **1644**.

FIG. **17** is a flow diagram illustrating various navigation paths with respect to user interfaces available for a supervised user device to send an emergency alert, in accordance with some embodiments. Further, the user interface may include a home screen **1702** which further may include a request help **1704**, my profile **1706**, contacts **1708**, messenger **1710**, settings **1712**, and notification centre **1714**. Further, the request help **1704**, in an instance, further may include a send help **1716** and call **911** **1718**. Further, the supervised user, in an instance, may select "send help" **1716**, and/or call **911** **1718** from the request help that may send a notification to the supervisor device (sending help **1720** and/or calling **911** **1722**).

FIG. **18** is a flow diagram illustrating various navigation paths with respect to user interfaces available when a supervised user (such as a child) may request for help and a supervisor (such as a parent) may receive a notification through the supervisor device, in accordance with some embodiments. Further, the child may request for help. Further, a supervisor (such as a parent) may receive a notification informing that the child may have requested for the help from their parent. Further, the user interface may include a notification centre **1802** which further may include an emergency alert **1804**, old notification **1** **1806**, and old notification **2** **1808**, etc. Further, the emergency alert **1804**, in an instance, may include an alert **1** **1810** that may further include requested help **1812**, call jane **1814**, call **911** **1816**, and quick message **1818**. Further, the quick message further may include chat **1820**.

FIG. **19** is a flow diagram illustrating various navigation paths with respect to user interfaces available when the supervised user (such as a child) may auto-check into the geofence, in accordance with some embodiments. Further, the child may reach the specific location. Further, the child may receive a notification requesting a check-in. Further, the user interface may include a notification centre **1902**. Further, the notification centre **1902** may include you checked

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in! **1904**, old notification **1** **1906**, old notification **2** **1908**, etc. Further, the supervisor (parent) may be notified **1910** after the child has auto checked into the location. Further, the supervisor (such as parent) may dismiss **1912** the notification.

FIG. **20** is a flow diagram illustrating various navigation paths with respect to user interfaces available when a supervised user (such as a child) may reach the geofence and a supervisor (such as a parent) may receive a notification through the supervisor device, in accordance with some embodiments. Further, the supervisor may be informed that the supervised user (and/or the child) has checked in to a specific location (geofence). Further, the child may reach the location. Further, a supervisor (such as a parent) may receive a notification informing that the child may have checked in into a specific location. Further, the user interface may include a notification centre **2002**. Further, the notification centre **2002** may include (NAME) has checked in **2004**, old notification **1** **2006**, old notification **2** **2008**, etc. Further, the (NAME) may arrive safely at the location. Further, the supervisor (such as parent) may call (NAME) **2010**, message **2014**, and dismiss **2012** the notification.

FIG. **21** is a flow diagram illustrating various navigation paths with respect to user interfaces available when the supervised user (such as a child) may reach a location (such as the geofence) and the child may receive a notification requesting a check-in, in accordance with some embodiments. Further, the child may reach the location. Further, the child may receive the notification requesting a check-in. Further, the user interface may include my tasks **2102** which further may include active task **1** **2104**, old task **1** **2106**, old task **2** **2108**, etc. Further, the active task **1** **2104** further may include task description **2110**, mark as complete **2112**, and dismiss **2114**.

FIG. **22** is a flow diagram illustrating various navigation paths with respect to user interfaces available when the supervised user (such as a child) may reach a location (such as the geofence) and a supervisor (such as a parent) may receive a notification through the supervisor device, in accordance with some embodiments. Further, the supervisor may be informed that the supervised user (and/or the child) has checked in to a specific location (geofence). Further, the parent may receive a notification informing that the child may have checked into a specific location. Further, the user interface may include a notification centre **2202** which further may include (NAME) may have completed the task **2204**, old notification **1** **2206**, old notification **2** **2208**, etc. Further, (NAME) may have safely arrived at the location. Further, the supervisor (such as a parent) may call (NAME) **2210**, message **2214**, and dismiss **2212** the notification.

FIG. **23** is a flow diagram illustrating various navigation paths with respect to user interfaces available for the supervisor device when the supervisor (such as parents) may create the geofence, in accordance with some embodiments. Further, a child (supervised user) may reach a location. Further, the user interface may include a home screen **2302** which further may include my children **2304**, geofences **2306**, tasks **2308**, contacts **2310**, messenger **2312**, history **2314**, settings **2316**, view map **2318**, and notification centre **2320**. Further, the geofences **2306** may include geofence **1** **2322**, geofence **2** **2324**, and create new **2326**. Further, the create new **2326** may include creating geofence **2328**. Further, the creating geofence **2328** may include a name **2330**, a location **2332**, a radius **2334**, an auto-check-in Y/N **2336**, add family member **2338**, family member **1** **2340**, family member **2** **2342**, etc.

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Further, the location 232 may include a map 2344. Further, the map 2344 may include selecting a location (drop pin) 2346 and confirming location 2348. Further, the add family member 2338 may include a search by name 2350, notify me when (NAME) arrives 2352, notify me when (NAME) leaves 2354, and confirm 2356.

FIG. 24 is a flow diagram illustrating various navigation paths with respect to user interfaces available for the supervisor device when the supervisor (such as parents) may create a task, in accordance with some embodiments. Further, the user interface may include a home screen 2402 which further may include my children 2404, geofences 2406, tasks 2408, contacts 2410, messenger 2412, history 2414, settings 2416, view map 2418, and notification centre 2420. Further, the tasks 2408 may include active task 1 2422, active task 2 2424, create new 2426, etc. Further, the create new 2426 may include a create task 2428. Further, the create task 2428 further may include title 2430, description 2432, add family member 2434, family member 1 2436, family member 2 2438, etc. Further, the add family member 2434 may include a search by name 2440, notify me when (NAME) arrives 2442, notify me when (NAME) leaves 2444, and confirm 2446.

FIG. 25 is a flow diagram illustrating various navigation paths with respect to user interfaces available for the supervisor device when the supervisor (such as parents) may select the "Map View" option from the home screen, in accordance with some embodiments. Further, the user interface may include a home screen 2502 which further may include my children 2504, geofences 2506, tasks 2508, contacts 2510, messenger 2512, history 2514, settings 2516, view map 2518, and notification centre 2520. Further, the supervisor (such as parents) may view map on a map view 2520. Further, the map view 2520 may show the location of child 1, child 2, child 3, etc. Further, the child 1 may be associated with child 1 profile 2522. Further, the child 1 profile 2522 may include geoLocate 2524, quick message 2526, call (NAME) 2528, contact 1 2530, contact 2 2532, add contact 2534, etc.

FIG. 26 is a flow diagram of a method 2600 for setting up a geofence, in accordance with some embodiments. Further, at 2602, the method 2600 may include a step of setting up a building. Further, at 2604, the method 2600 may include a step of adding data. Further, at 2606, the method 2600 may include a step of creating a geo fence (marking organization property). Further, at 2608, the method 2600 may include a step of marking an area.

Further, at 2610, the method 2600 may include an advanced setup. Further, at 2612, the method 2600 may include a step of adding zones. Further, at 2614, the method 2600 may include a step of adding CCTV. Further, at 2616, the method 2600 may include adding a new CCTV. Further, at 2618, the method 2600 may include a step of searching CCTV. Further, at 2620, the method 2600 may include a step of adding a floor. Further, at 2622, the method 2600 may include a step of determining the altitude of the floor. Further, at 2624, the method 2600 may include a step of selecting the floor. Further, at 2626, the method 2600 may include a step of adding a document. Further, at 2628, the method 2600 may include a step of determining the type of the document. Further, at 2630, the method 2600 may include a step of adding the document to scenarios.

FIG. 27 is a flow diagram of a method 2700 for adding and/or removing users from a database (such as the database 114), in accordance with some embodiments. Further, the method 2700 may include groups 2716. Further, at 2702, the method 2700 may include a step of creating a new group.

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Further, at 2704, the method 2700 may include a step of naming the new group. Further, at 2706, the method 2700 may include a step of saving the new group. Further, at 2708, the method 2700 may include a step of adding users and types. Further, at 2710, the method 2700 may include a step of selecting or searching users. Further, at 2712, the method 2700 may include a step of adding or saving users. Further, at 2714, the method 2700 may include a step of confirming transmitting a confirmation notification (user added). Further, at 2718, the method 2700 may include a step of inspecting a list view. Further, at 2720, the method 2700 may include a step of viewing users. Further, at 2722, the method 2700 may include a step of adding or deleting. Further, at 2724, the method 2700 may include a step of viewing status that may be active, pending or inactive. Further, at 2726, the method 2700 may include a step of adding a date. Further, at 2728, the method 2700 may include a step of editing the users. Further, at 2730, the method 2700 may include a step of removing the users. Further, at 2732, the method 2700 may include a step of providing a confirmation.

FIG. 28 is a flow diagram of a method 2800 for user login, in accordance with some embodiments. Further, the method 2800 may include users 2802. Further, at 2804, the method 2800 may include a step of adding a user. Further, at 2806, the method 2800 may include a step of importing CSV. Further, at 2808, the method 2800 may include a step of inviting an individual user with a name, email, and phone number. Further, the individual user may be app user 2810. Further, the individual user may be retrieved from sams user database 2812. Further, at 2814, the method 2800 may include a step of sending an email/text/app. Further, at 2816, the method 2800 may include a step of subscribing to ORG via PROCODE by the users. Further, at 2818, the method 2800 may include a step of logging in by the users. Further, at 2820, the method 2800 may include a step of listing users. Further, at 2822, the method 2800 may include a step of determining user's name, email, phone number, status, membership, and timestamp. Further, at 2824, the method 2800 may include a step of determining the role of the user. Further, at 2824, the method 2800 may include a step of determining user roles. Further, at 2826, the user may add user roles. Further, at 2828, the method 2800 may include a step of determining groups of the users. Further, at 2830, the user may be added to the group. Further, at 2832, the method 2800 may include a step of determining the profile of the users. Further, at 2834, the user may create a profile page.

FIG. 29 is a flow diagram of a method 2900 for adding a user to an organization subscriber list, in accordance with some embodiments. Therefore, if an organization sends a message, then the user (that may be added in the organization subscriber list) may receive the message as well. Further, 2902, the method 2900 may include a user. Further, 2904, the method 2900 may include a step of creating ProCode by organization (organization may have sub-Pro-codes) and making public. Further, the ProCode may be created by teachers or those with permission (push message only). Further, 2906, the user may become a subscriber. Further, 2908, the method 2900 may include a step of adding the user to an organization subscriber list. Further, 2910, the method 2900 may include a step of sending a message by the organization. Further, 2912, the message may be sent to the organization subscriber list. Further, 2914, the method 2900 may include a step of drawing geofence/filter. Further, at 2916, the method 2900 may include a step of searching or adding pro code to an app by the user. Further, 2918, the method 2900 may include a user incident. Further, 2920, the method 2900 may include a route to organization dispatch.

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FIG. 30 is a flow diagram of a method 3000 for adding a role corresponding to a user, in accordance with some embodiments. Further, at 3002, the method 3000 may include a role. Further, at 3004, the method 3000 may include a step of assigning a new role. Further, at 3006, the method 3000 may include a step of providing name and description of the new role. Further, at 3008, the method 3000 may include a step of searching roles. Further, at 3010, the method 3000 may include a step of adding users to the role. Further, at 3012, the method 3000 may include a step of adding system permissions. Further, at 3014, the method may include a step of saving the roles.

FIG. 31 is a flow diagram of a method 3100 for granting permission associated with the role corresponding to a user, in accordance with some embodiments. Further, at 3102, the method 3100 may include instance permissions. Further, at 3104, the method 3100 may include a step of creating a permission scheme. Further, at 3106, the method 3100 may include a step of listing permission schemes. Further, at 3108, the method 3100 may include a step of editing or removing permissions. Further, at 3110, the method 3100 may include a step of granting permission. Further, at 3112, the method 3100 may include a step of choosing a permission type. Further, at 3114, the method 3100 may include a step of granting to the role. Further, at 3116, the method 3100 may include a step of saving the permission.

FIG. 32 is a flow diagram of a method 3200 to initiate a script associated with face recognition in order to verify if a user with the particular object may be an authorized user or not, in accordance with some embodiments. Further, the method 3200 may be configured to identify a particular object (such as a gun and/or a weapon). Further, at 3202, the method 3200 may include a step of capturing frame by a CCTV. Further, at 3204, the method 3200 may include a step of capturing frame by a phone Cam or Bluetooth Cam. Further, at 3206, the method 3200 may include a step of saving the captured frame. Further, the phone Cam or Bluetooth Cam may be associated with an ID at 3208. Further, at 3230, the method 3200 may include a step of performing tensor flow of object and facial recognition. Further, the method 3200 may include a step of image queuing of person 2 at 3212 and person 3 at 3210. Further, the method 3200 may include a step of initiating an AWS REK script which may include a person 1 at 3214. Further, at 3216, data of the person 1 may be stored in the temporary storage S3 image bucket. Further, at 3218, the method 3200 may include a step of pulling API (AWS recognition API). Further, at 3220, the method 3200 may include a step of matching the data with image database. Further, at 3222, the image database may include mass image library import. Further, at 3224, the API may include log activity such as usage/cost management. Further, at 3226, the method 3200 may include a step of transmitting the data of each person to a web application. Further, the web application may include a list of names. Further, the web application, in an instance, may include profile data of person 1 and person 2. Further, the web application, in an instance, may not include a record of person 3. Further, at 3228, the method 3200 may include a step of transmitting a notification to phone display associated with a user profile.

FIG. 33 is a flow diagram of a method 3300 to facilitate communication between the supervised user device and the supervisor device based on geofencing, in accordance with some embodiments. Further, at 3302, the method 3300 may include a step of opening an application. Further, at 3304, the method 3300 may include a step of determining if auto start on settings on or off. Further, if yes (on), at 3306, the

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method 3300 may include a step of capturing a video by a CCTV or mobile device. Further, the CCTV or mobile device may be associated with GPS location. Further, at 3308, the method 3300 may include a step of storing the video in a database. Further, at 3310, if no (off), the method 3300 may include a step of capturing a video. Further, at 3312, a user may click the start app (BTN). Further, at 3314, the method 3300 may include a step of determining if "shake on" setting is on or off. Further, if no, at 3316, the method 3300 may include a step of providing notification that shake is not on. Further, at 3318, the method 3300 may include a step of going to step 1. Further, at 3320, the user may click the send app (BTN). Further, at 3322, the method 3300 may include a step of determining if shake on confirmed. Further, at 3324, the method 3300 may include a step of checking for contacts. Further, at 3326, the method 3300 may include a step of providing a notification that no contacts may be added. Further, at 3328, the method 3300 may include a step of continuing to step 1. Further, at 3330, the method 3300 may include a step of transmitting the contacts to the mobile device. Further, at 3332, the method 3300 may include a step of determining a pro code user. Further, at 3334, if no pro code user is determined the method 3300 may include a step of retrieving data from geofence database. Further, at 3336, the method 3300 may include a step of checking geofencing database for the owner. Further, at 3338, the method 3300 may include a step of providing a notification if no monitoring services are monitored in this location. Further, at 3340, the method 3300 may include a step of continuing to step 1. Further, at 3342, the method 3300 may include a step of determining is auto-route on in the setting. Further, at 3344, the method 3300 may include a step of requesting to send. Further, at 3346, the method 3300 may include a step of continuing to step 1. Further, at 3348, the method 3300 may include a step of dispatching incident data. Further, at 3350, the method 3300 may include a step of stopping the process by the user. Further, at 3352, the method 3300 may include a step of ending the process by pre-defined end reason. Further, at 3354, the method 3300 may include a step of determining if auto send on settings on or off. Further, at 3356, if no, the method 3300 may include a step of waiting for action and continuing to the step 2 of capturing.

FIG. 34 is a continuation flow diagram of the method 3300 used for explaining processes carried out as shown in FIG. 33.

FIG. 35 is a flow diagram illustrating various navigation paths with respect to user interfaces available to facilitate triggering the emergency scenario, in accordance with some embodiments. Further, at 3502, if start is pressed, method may be followed by a user interface 3504. Further, if start is pressed on the user interface 3504, the method may be followed by a user interface 3518, as shown in FIG. 36. Further, if escalate is pressed on the user interface 3504, the method may be followed by a user interface 3508. Further, if chat is pressed on the user interface 3506, the method may follow a user interface 3514, as shown in FIG. 36. Further, if the video recorder is pressed on the user interface 3514, the method may be followed by a user interface 3516. Further, if hide is pressed on the user interface 3504, the method may be followed by a user interface 3510. Further, if 911 is pressed on the user interface 3506, the method may follow a user interface 3512. Further, if escalate is pressed on the user interface 3502, the method may be followed by a user interface 3518.

FIG. 36 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 35.

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FIG. 37 is a flow diagram of a method to facilitate communication between the supervised user device and the supervisor device based on geofencing, in accordance with some embodiments. Further, at 3702, the method may include a step of determining whether a phone is in stealth mode. Further, if no, the method may include a step of a user initiating an alert through a mobile device. Further, at 3704, the method may include dispatching. Further, if the dispatching is accepted, the method may include a step of transferring to step 3710. Further, at 3706, the method may include a step of determining whether CCTV is in a zone. Further, if yes, at 3718, the method may include a step of retrieving CCTV data from a database. Further, an emergency responder 3714 (one or many) may view video in multi-view 3716 using the mobile device. Further, the user may view dispatch list and contact (phone info) online/offline using the mobile device. Further, incident database 3712 may store/retrieve a data associated with the step 3710.

FIG. 38 is a flow diagram illustrating various navigation paths with respect to user interfaces available for a user device, in accordance with some embodiments. Further, the user device, in an instance, may be a GPS enabled device configured to support augmented reality (AR) technology, and/or facial recognition. Further, a user interface 3802 may include a push notification displaying an incident alert message from dispatch. Further, the user interface may include a user profile, incident type, and stealth (on/off). Further, the user interface may display rounds, notifications, incident history, messenger, etc. Further, a user interface 3804 may include a video in multi-view that may be associated with a CCTV database 3816. Further, a user interface 3806 may be linked to incident database 3818. Further, a user interface 3808 may include user profiles of at least one user. Further, a user interface 3814 may include a user profile, incident type, and stealth (on/off). Further, a user interface 3812 may include a user profile with map with updated ETA. Further, a user interface 3810 may include a bird's eye view showing user profiles of users.

FIG. 39 is a continuation flow diagram of a method used for explaining processes carried out as shown in FIG. 38.

FIG. 40 is a flow diagram illustrating various navigation paths with respect to user interfaces available to trigger the emergency scenario, in accordance with some embodiments. Further, the user interface, in an instance, may allow the user to chat with one or more supervisors and/or emergency services in real-time. Further, the user may be allowed to video-call with the one or more supervisors and/or emergency services in real-time. Further, a user interface 4002 may display emergency notifications. Further, at 4004, user interface may display video. Further, a user interface 4006 may display a user profile on a map with updated ETA from an emergency responder. Further, a user interface 4008 may display users. Further, a user interface 4010 may display chat buttons that may facilitate in chatting with a user.

FIG. 41 is a block diagram of a system 4100 to facilitate communication between a supervisor device 4102 and a supervised user device 4104 based on geofencing, in accordance with some embodiments. Accordingly, the system 4100, in an instance, may include (but not limited to) a supervisor device 4102, a supervised user device 4104, a sensor device 4106, a server 4108, etc. Further, the supervisor device 4102, in an instance, may be any GPS enabled device that may be operated by a supervisor. Further, the supervisor, in an instance, may be any individual and/or organization that may wish to supervise other users (such as children). For instance, the supervisor may include, but not limited to, parents, teachers, doctors, guardians, caretakers,

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cops, etc. Further, the supervisor device 4102, in an instance, may be an IoT based device that may be configured to communicate with the server 4108 through a wired and/or wireless communication medium such as, but not limited to, a Wi-Fi, a Bluetooth, an electromagnetic waveform, ultra-sound, cellular (5G) and/or an Infra-red, etc. Further, the supervisor device 4102, in an instance, may include devices such as (but not limited to) smartphones, smartwatches, laptops, PCs, etc.

Further, the supervised user device 4104, in an instance, may be a GPS enabled device which may be operated by a supervised user. Further, the supervised user, in an instance, may be an individual that may need to be supervised by the supervisor. For instance, the supervised user may include a child going to a school that may need to be supervised by the parents with regard to a location associated with the child. Further, in another instance, the supervised user may be a patient in a hospital that may need to be supervised by caretakers and/or doctors with regard to a location associated with the patient. Further, the supervised user device 4104, in an instance, may be configured to communicate with the server 4108 through a wired and/or wireless communication medium such as, but not limited to, a Wi-Fi, a Bluetooth, an electromagnetic waveform, ultra-sound, cellular (5G) and/or an Infra-red, etc. Further, the supervised user device 4104, in an instance, may include devices such as (but not limited to) smartphones, smartwatches, laptops, PCs, etc. Further, the supervised user device 4104, in an instance, may include one or more sensors that may be configured to capture sensory data associated with the supervised user. Further, the sensory data, in an instance, may include any data and/or information that may reflect something of interest about the supervised user. For instance, the sensory data may include a live location associated with the supervised user (such as a child). Further, in another instance, the sensory data may include multimedia content (such as, but not limited to, an image, a video, a live audiovisual content, etc.) associated with a surrounding of the supervised user. Further, the one or more sensors, in an instance, may include, but not limited to, location sensors (such as GPS), motion sensors, camera sensors, audio sensors (such as a microphone), proximity sensors, etc.

Further, the supervisor device 4102, in an instance, may allow the supervisor to map a facility and/or create a geofence within and/or around the facility. Further, the facility, in general, may be any space that may be associated with the supervised user. For instance, the facility may include, but not limited to, a school, a hospital, an office, a restaurant, a building, a road, a construction site, and/or a forest area, etc. Further, the geofence, in an instance, may be a set of boundaries within and/or around the facility that may be set by the supervisor in order to track entry and/or exit events of the supervised user into and/or from the geofence. For instance, the supervisor (such as parents) may be notified (through an alert which may be transmitted to the supervisor device 4102 by the server 4108) when the supervised user (such as a child) may enter and/or exit the geofence. Further, in another instance, the supervisor (such as parents) may be notified when the supervised user (such as a child) may be present in a location at a time instant when the child is not supposed to be present at that location. Further, the geofence, in an instance, may be any area within and/or around the facility that may require relatively higher surveillance. For instance, the geofence may include key places within the facility where relatively more number of incidents (such as, but not limited to, criminal activities)

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have taken place in recent times. Further, the key place, in an instance, may include locations such as, but not limited to, a corridor, a room, an open ground, an intersection, a busy hallway, an alleyway, etc.

Further, the supervisor, in an instance, may create the geofence by interacting with the supervisor device **4102**. For instance, in one embodiment, the supervisor may provide (through a keyboard and/or a touch-screen panel associated with the supervisor device **4102**) a name associated with the key place. Further, in another instance, the supervisor may provide (through a keyboard and/or a touch-screen panel associated with the supervisor device **4102**) latitudinal, longitudinal, and/or altitude coordinates associated with the key place. Further, in another instance, the supervisor may drop a pin and/or select (through a trackpad and/or a touch-screen panel associated with the supervisor device **4102**) a location on a map associated with the facility in order to create the geofence within and/or around the facility. Further, the supervisor, in an instance, may create more than one geofence by adding more locations (and/or adding multiple points, check-points, etc.) by interacting with the supervisor device **4102**.

Further, in some embodiments, the supervisor device **4102**, in an instance, may allow the supervisor to create the geofence based on a physical movement of the supervisor. For instance, the supervisor may allow the server **4108** to track a location associated with the physical movement of the supervisor device **4102** when the supervisor may provide a signal to the server **4108** to start tracking the location (such as by tapping on a “responder button” option that may be available on a user interface associated with the supervisor device **4102**). Further, the server **4108**, in an instance, may be configured to receive location data from the location sensors of the supervisor device **4102**. Further, the server **4108**, in an instance, may receive the location data until the supervisor may provide an indication signal to the server **4108** to stop tracking the location (such as by tapping on a “stop tracking” option that may be available on a user interface associated with the supervisor device **4102**). Further, the server **4108**, in an instance, may be configured to analyze the location data. Further, the server **4108**, in an instance, may be configured to generate a geofence data based on the analyses of the location data. Further, the geofence data, in an instance, may be any data and/or information that may reflect a real-world location of the geofence in a digital form. Further, the geofence data, in an instance, may include information such as (but not limited to) name, coordinates, size (such as area), etc. associated with the geofence. Further, the server **4108**, in an instance, may be configured to store the geofence data in a database (such as the database **4214**).

Further, in some embodiments, the supervisor device **4102**, in an instance, may allow the supervisor to create the geofence based on audio data. Further, the audio data, in an instance, may be any audible phrase which may be said by the supervisor in order to create the geofence. For instance, the supervisor may provide an audible phrase such as “create a geofence for a location with relatively higher incidents in recent times.” Further, the supervisor device **4102**, in an instance, may be configured to sense the audio data through the audio sensor (such as the microphone) that may be embedded within the supervisor device **4102**. Further, the supervisor device **4102**, in an instance, may be configured to transmit the audio data to the server **4108**. Further, the server **4108**, in an instance, may be configured to analyze the audio signal. Further, the analyses, in an instance, may include audio analysis (e.g. speech recognition, speaker recognition,

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etc.). Further, the server **4108**, in an instance, may be configured to determine the geofence based on the analyses by retrieving data from other databases. For instance, in order to determine locations with relatively higher incidents (and/or criminal activities) in recent times, the server **4108** may retrieve data from a database associated with multiple organizations (such as, but not limited to, police stations) that may be storing historical criminal activities.

Further, the system **4100**, in an instance, may include the sensor device **4106** that may be disposed within and/or around the facility. The sensor device **4106**, in an instance, may be devices that may be configured to collect sensor data associated with an incident that may take place in the vicinity of the facility. Further, the incident, in an instance, may be an event in which the supervised user may require assistance from the supervisor and/or from emergency services (such as police, medical services, fire services, news services, etc.). For instance, the incident may include (but not limited to) a criminal event, a police chase, etc. Further, the sensor data, in an instance, may include audio data, audiovisual data, textual data, location data, etc. Further, the sensor device **4106**, in an instance, may include (but not limited to) a CCTV camera, a microphone, a motion detector, a face detecting setup, a biometric scanner, etc. Further, the sensor device **4106**, in an instance, may be configured to communicate with the server **4108** through a wired and/or a wireless communication medium such as, but not limited to, a Wi-Fi, a Bluetooth, an electromagnetic waveform, ultrasound, cellular (5G) and/or an Infra-red, etc. Further, in some embodiments, the sensor device **4106**, in an instance, may be embedded within an unmanned aerial vehicle (such as a drone). Further, the drone, in an instance, may be configured to be deployed to a location within and/or around the facility where the incident may be taking place. Further, the drone, in an instance, may be configured to monitor the incident (through the sensor device **4106** that may be embedded within the drone) and/or may be configured to transmit the sensor data to the server **4108**.

Further, the server **4108**, in an instance, may be configured to analyze the sensor data received from the sensor device **4106**. Further, the analyses, in an instance, may include processes such as data extraction (e.g. numerical value extraction, format conversion, etc.), data analysis (e.g. statistical analysis, etc.), image analysis (e.g. OCR, object recognition, face recognition, etc.), audio analysis (e.g. speech recognition, speaker recognition, etc.) and so on. Further, the server **4108**, in an instance, may be configured to trigger an emergency scenario based on the analyses of the sensor data. Further, the emergency scenario, in an instance, may be an event in which the supervised user may be able to communicate with one or more supervisors and/or emergency services. Further, in some embodiments, the emergency scenario may be triggered if the supervised user may click a button (such as a dispatch button) on the supervised user device **4104**, and/or may shake the supervised user device **4104**, etc. Further, the emergency scenario may be triggered if the supervised user (such as a child) may provide a certain audible phrase to the supervised user device **4104**.

FIG. **42** is an illustration of an online platform **4200** consistent with various embodiments of the present disclosure. By way of non-limiting example, the online platform **4200** to facilitate supervision of individuals based on geofencing may be hosted on a centralized server **4202**, such as, for example, a cloud computing service. The centralized server **4202** may communicate with other network entities, such as, for example, a mobile device **4206** (such as a

smartphone, a laptop, a tablet computer, etc.), other electronic devices **4210** (such as desktop computers, server computers, etc.), databases **4214**, and sensors **4216** over a communication network **4204**, such as, but not limited to, the Internet. Further, users of the online platform **4200** may include relevant parties such as, but not limited to, end-users, administrators, service providers, service consumers and so on. Accordingly, in some instances, electronic devices operated by the one or more relevant parties may be in communication with the platform.

A user **4212**, such as the one or more relevant parties, may access online platform **4200** through a web-based software application or browser. The web-based software application may be embodied as, for example, but not be limited to, a website, a web application, a desktop application, and a mobile application compatible with a computing device **4300**.

With reference to FIG. **43**, a system consistent with an embodiment of the disclosure may include a computing device or cloud service, such as computing device **4300**. In a basic configuration, computing device **4300** may include at least one processing unit **4302** and a system memory **4304**. Depending on the configuration and type of computing device, system memory **4304** may comprise, but is not limited to, volatile (e.g. random-access memory (RAM)), non-volatile (e.g. read-only memory (ROM)), flash memory, or any combination. System memory **4304** may include operating system **4305**, one or more programming modules **4306**, and may include a program data **4307**. Operating system **4305**, for example, may be suitable for controlling computing device **4300**'s operation. In one embodiment, programming modules **4306** may include image-processing module, machine learning module. Furthermore, embodiments of the disclosure may be practiced in conjunction with a graphics library, other operating systems, or any other application program and is not limited to any particular application or system. This basic configuration is illustrated in FIG. **43** by those components within a dashed line **4308**.

The computing device **4300** may have additional features or functionality. For example, the computing device **4300** may also include additional data storage devices (removable and/or non-removable) such as, for example, magnetic disks, optical disks, or tape. Such additional storage is illustrated in FIG. **43** by a removable storage **4309** and a non-removable storage **4310**. Computer storage media may include volatile and non-volatile, removable and non-removable media implemented in any method or technology for storage of information, such as computer-readable instructions, data structures, program modules, or other data. System memory **4304**, removable storage **4309**, and non-removable storage **4310** are all computer storage media examples (i.e., memory storage.) Computer storage media may include, but is not limited to, RAM, ROM, electrically erasable read-only memory (EEPROM), flash memory or other memory technology, CD-ROM, digital versatile disks (DVD) or other optical storage, magnetic cassettes, magnetic tape, magnetic disk storage or other magnetic storage devices, or any other medium which can be used to store information and which can be accessed by computing device **4300**. Any such computer storage media may be part of device **4300**. Computing device **4300** may also have input device(s) **4312** such as a keyboard, a mouse, a pen, a sound input device, a touch input device, a location sensor, a camera, a biometric sensor, etc. Output device(s) **4314** such as a display, speakers, a printer, etc. may also be included. The aforementioned devices are examples and others may be used.

Computing device **4300** may also contain a communication connection **4316** that may allow device **4300** to communicate with other computing devices **4318**, such as over a network in a distributed computing environment, for example, an intranet or the Internet. Communication connection **4316** is one example of communication media. Communication media may typically be embodied by computer readable instructions, data structures, program modules, or other data in a modulated data signal, such as a carrier wave or other transport mechanism, and includes any information delivery media. The term "modulated data signal" may describe a signal that has one or more characteristics set or changed in such a manner as to encode information in the signal. By way of example, and not limitation, communication media may include wired media such as a wired network or direct-wired connection, and wireless media such as acoustic, radio frequency (RF), infrared, and other wireless media. The term computer-readable media as used herein may include both storage media and communication media.

As stated above, a number of program modules and data files may be stored in system memory **4304**, including operating system **4305**. While executing on processing unit **4302**, programming modules **4306** (e.g., application **4320** such as a media player) may perform processes including, for example, one or more stages of methods, algorithms, systems, applications, servers, databases as described above. The aforementioned process is an example, and processing unit **4302** may perform other processes.

Generally, consistent with embodiments of the disclosure, program modules may include routines, programs, components, data structures, and other types of structures that may perform particular tasks or that may implement particular abstract data types. Moreover, embodiments of the disclosure may be practiced with other computer system configurations, including hand-held devices, general-purpose graphics processor-based systems, multiprocessor systems, microprocessor-based or programmable consumer electronics, application-specific integrated circuit-based electronics, minicomputers, mainframe computers, and the like. Embodiments of the disclosure may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote memory storage devices.

Furthermore, embodiments of the disclosure may be practiced in an electrical circuit comprising discrete electronic elements, packaged or integrated electronic chips containing logic gates, a circuit utilizing a microprocessor, or on a single chip containing electronic elements or microprocessors. Embodiments of the disclosure may also be practiced using other technologies capable of performing logical operations such as, for example, AND, OR, and NOT, including but not limited to mechanical, optical, fluidic, and quantum technologies. In addition, embodiments of the disclosure may be practiced within a general-purpose computer or in any other circuits or systems.

Embodiments of the disclosure, for example, may be implemented as a computer process (method), a computing system, or as an article of manufacture, such as a computer program product or computer-readable media. The computer program product may be a computer storage media readable by a computer system and encoding a computer program of instructions for executing a computer process. The computer program product may also be a propagated signal on a carrier readable by a computing system and encoding a

computer program of instructions for executing a computer process. Accordingly, the present disclosure may be embodied in hardware and/or in software (including firmware, resident software, micro-code, etc.). In other words, embodiments of the present disclosure may take the form of a computer program product on a computer-usable or computer-readable storage medium having computer-usable or computer-readable program code embodied in the medium for use by or in connection with an instruction execution system. A computer-usable or computer-readable medium may be any medium that can contain, store, communicate, propagate, or transport the program for use by or in connection with the instruction execution system, apparatus, or device.

The computer-usable or computer-readable medium may be, for example, but not limited to, an electronic, magnetic, optical, electromagnetic, infrared, or semiconductor system, apparatus, device, or propagation medium. More specific computer-readable medium examples (a non-exhaustive list), the computer-readable medium may include the following: an electrical connection having one or more wires, a portable computer diskette, a random-access memory (RAM), a read-only memory (ROM), an erasable programmable read-only memory (EPROM or Flash memory), an optical fiber, and a portable compact disc read-only memory (CD-ROM). Note that the computer-usable or computer-readable medium could even be paper or another suitable medium upon which the program is printed, as the program can be electronically captured, via, for instance, optical scanning of the paper or other medium, then compiled, interpreted, or otherwise processed in a suitable manner, if necessary, and then stored in a computer memory.

Embodiments of the present disclosure, for example, are described above with reference to block diagrams and/or operational illustrations of methods, systems, and computer program products according to embodiments of the disclosure. The functions/acts noted in the blocks may occur out of the order as shown in any flowchart. For example, two blocks shown in succession may, in fact, be executed substantially concurrently or the blocks may sometimes be executed in the reverse order, depending upon the functionality/acts involved.

While certain embodiments of the disclosure have been described, other embodiments may exist. Furthermore, although embodiments of the present disclosure have been described as being associated with data stored in memory and other storage mediums, data can also be stored on or read from other types of computer-readable media, such as secondary storage devices, like hard disks, solid-state storage (e.g., USB drive), or a CD-ROM, a carrier wave from the Internet, or other forms of RAM or ROM. Further, the disclosed methods' stages may be modified in any manner, including by reordering stages and/or inserting or deleting stages, without departing from the disclosure.

Although the present disclosure has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the disclosure.

The following is claimed:

1. A method for facilitating supervision of individuals based on geofencing, the method comprising:

receiving, using a communication device, at least one security parameter from at least one supervisor device associated with at least one supervisor;

receiving, using the communication device, a geographical location from the at least one supervisor device;

analyzing, using a processing device, the geographical location based on the at least one security parameter; generating, using the processing device, a geofence corresponding to a geographical area based on the analyzing;

receiving, using the communication device, at least one supervisee data associated with a supervisee from at least one supervisee device;

analyzing, using the processing device, the at least one supervisee data based on the geofence;

generating, using the processing device, a supervision notification based on the analyzing of the at least one supervisee data;

transmitting, using the communication device, the supervision notification to the at least one supervisor device; and

storing, using a storage device, the at least one supervisee data and the supervision notification, wherein:

the geofence is characterized by a geofence area corresponding to the geographical area, wherein the geofence comprises a plurality of geofence grid boxes associated with the geofence area, wherein each geofence grid box is characterized by a grid box geofence area of the geofence area, wherein the method comprises:

receiving, using the communication device, at least one grid parameter from the at least one supervisor device, wherein the processing device is further configured for:

analyzing, using the processing device, the at least one grid parameter;

determining, using the processing device, the grid box geofence area based on the analyzing of the at least one grid parameter; and

generating, using the processing device, a number of geofence grid boxes based on the determining.

2. The method of claim 1 further comprising:

receiving, using the communication device, at least one location indication associated with the geographical area from the at least one supervisor device;

identifying, using the processing device, at least one location corresponding to the at least one location indication;

analyzing, using the processing device, the at least one supervisee data based on the at least one location; and

determining, using the processing device, a location anomaly based on the analyzing of the at least one supervisee data based on the at least one location, wherein the generating of the supervision notification is based on the determining.

3. The method of claim 1, wherein the supervision notification comprises at least one supervisee event, wherein the at least one supervisee event is associated with at least one action, wherein the method comprises:

determining, using the processing device, the at least one action based on the supervision notification; and

performing, using the processing device, the at least one action based on the determining, wherein the at least one action comprises an establishment of a communication session between the at least one supervisor device and the at least one supervisee device.

4. The method of claim 1 further comprising:

identifying, using the processing device, the supervisee based on the analyzing of the at least one supervisee data; and

retrieving, using the storage device, supervisee profile data associated with the supervisee based on the iden-

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ifying, wherein the generating of the supervision notification is based on the retrieving.

5. The method of claim 1 further comprising:

identifying, using the processing device, at least one object associated with the supervisee based on the analyzing of the at least one supervisee data; and determining, using the processing device, a lethality of the at least one object based on the identifying, wherein the generating of the supervision notification is based on the determining.

6. The method of claim 1 further comprising:

receiving, using the communication device, at least one environment data associated the geographical area corresponding to the geofence;

analyzing, using the processing device, the at least one environment data; and

determining, using the processing device, at least one threat based on the analyzing of the at least one environment data, wherein the generating of the supervisor notification is based on the determining.

7. The method of claim 1 further comprising:

retrieving, using the storage device, a blueprint associated with the geographical area corresponding to the geofence;

analyzing, using the processing device, the blueprint and the at least one supervisee data; and

determining, using the processing device, a location of the supervisee on the blueprint based on the analyzing of the blueprint and the at least one supervisee data, wherein the generating of the supervision data is based on the determining.

8. The method of claim 1, wherein the at least one supervisee device comprises at least one sensor, wherein the at least one sensor is configured for detecting at least one signal made by the supervisee, wherein the at least one sensor is configured for generating the at least one supervisee data based on the detecting.

9. The method of claim 1, wherein the supervisee is associated with at least one identification, wherein the method comprises:

receiving, using the communication device, at least one NFC indication corresponding to the at least NFC identification from the at least one supervisee device; wherein the receiving is performed over short range wireless communication comprising at least one of Bluetooth, Zigbee, Ultra-wideband, Wi-Fi and NFC, and

identifying, using the processing device, the supervisee based on the at least one NFC indication, wherein the generating of the supervision notification is based on the identifying.

10. A system for facilitating supervision of individuals based on geofencing, the system comprising:

a communication device configured for:

receiving, using a communication device, at least one security parameter from at least one supervisor device associated with at least one supervisor;

receiving, using the communication device, a geographical location from the at least one supervisor device; receiving at least one supervisor data associated with a supervisee from at least one supervisee device; and transmitting a supervision notification to the at least one supervisor device;

a processing device configured for:

analyzing the geographical location based on the at least one security parameter;

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generating a geofence corresponding to a geographical area based on the analyzing;

analyzing the at least one supervisee data based on the geofence; and

generating the supervision notification based on the analyzing of the at least one supervisee data; and

a storage device configured for storing the at least one supervisee data and the supervision notification, wherein:

the geofence is characterized by a geofence area corresponding to the geographical area, wherein the geofence comprises a plurality of geofence grid boxes associated with the geofence area, wherein each geofence grid box is characterized by a grid box geofence area of the geofence area, wherein the communication device is further configured for receiving at least one grid parameter from the at least one supervisor device, wherein the processing device is further configured for:

analyzing the at least one grid parameter; determining the grid box geofence area based on the analyzing of the at least one grid parameter; and generating a number of geofence grid boxes based on the determining.

11. The system of claim 10, wherein the communication device is further configured for receiving at least one location indication associated with the geographical area from the at least one supervisor device, wherein the processing device is further configured for:

identifying at least one location corresponding to the at least one location indication;

analyzing the at least one supervisee data based on the at least one location; and

determining a location anomaly based on the analyzing of the at least one supervisee data based on the at least one location, wherein the generating of the supervision notification is based on the determining.

12. The system of claim 10, wherein the supervision notification comprises at least one supervisee event, wherein the at least one supervisee event is associated with at least one action, wherein the processing device is further configured for:

determining the at least one action based on the supervision notification; and

performing the at least one action based on the determining, wherein the at least one action comprises an establishment of a communication session between the at least one supervisor device and the at least one supervisee device.

13. The system of claim 10, wherein the processing device is further configured for identifying the supervisee based on the analyzing of the at least one supervisee data, wherein the storage device is configured for retrieving supervisee profile data associated with the supervisee based on the identifying, wherein the generating of the supervision notification is based on the retrieving.

14. The system of claim 10, wherein the processing device is further configured for:

identifying at least one object associated with the supervisee based on the analyzing of the at least one supervisee data; and

determining a lethality of the at least one object based on the identifying, wherein the generating of the supervision notification is based on the determining.

15. The system of claim 10, wherein the communication device is further configured for receiving at least one envi-

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ronment data associated the geographical area corresponding to the geofence, wherein the processing device is further configured for:

analyzing the at least one environment data; and
determining at least one threat based on the analyzing of
the at least one environment data, wherein the generating of the supervisor notification is based on the determining.

16. The system of claim 10, wherein the storage device is further configured for retrieving a blueprint associated with the geographical area corresponding to the geofence, wherein the processing device is further configured for analyzing the blueprint and the at least one supervisee data; and

determining a location of the supervisee on the blueprint based on the analyzing of the blueprint and the at least one supervisee data, wherein the generating of the supervision data is based on the determining.

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17. The system of claim 10, wherein the at least one supervisee device comprises at least one sensor, wherein the at least one sensor is configured for detecting at least one signal made by the supervisee, wherein the at least one sensor is configured for generating the at least one supervisee data based on the detecting.

18. The system of claim 10, wherein the supervisee is associated with at least one near field communication (NFC) identification, wherein the communication device is further configured for receiving at least one NFC indication corresponding to the at least NFC identification from the at least one supervisee device, wherein the processing device is further configured for identifying the supervisee based on the at least one NFC indication, wherein the generating of the supervision notification is based on the identifying.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	*	Group Art Unit:
Gary Thomas Baker, Jr	*	
	*	Examiner:
	*	
Reissue Application of:	*	Attorney Docket No: TUP54874
U.S. 11,468,757, Issued on 10-11-2022		
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	*	
Title: SYSTEMS AND METHODS FOR	*	
FACILITATING SUPERVISION	*	
OF INDIVIDUALS BASED ON	*	
GEOFENCING	*	

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PRELIMINARY REISSUE AMENDMENTS

Pursuant to 37 C.F.R. §1.173, a Reissue Application for U.S. 11,468,757 is submitted with preliminary amendments. Enclosed are,

1. A listing of claims
2. Remarks

Please amend the application as follows:

Listing of Claims

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

1. (Original) A method for facilitating supervision of individuals based on geofencing, the method comprising: receiving, using a communication device, at least one security parameter from at least one supervisor device associated with at least one supervisor; receiving, using the communication device, a geographical location from the at least one supervisor device; analyzing, using a processing device, the geographical location based on the at least one security parameter; generating, using the processing device, a geofence corresponding to a geographical area based on the analyzing; receiving, using the communication device, at least one supervisee data associated with a supervisee from at least one supervisee device; analyzing, using the processing device, the at least one supervisee data based on the geofence; generating, using the processing device, a supervision notification based on the analyzing of the at least one supervisee data; transmitting, using the communication device, the supervision notification to the at least one supervisor device; and storing, using a storage device, the at least one supervisee data and the supervision notification, wherein: the geofence is characterized by a geofence area corresponding to the geographical area, wherein the geofence comprises a plurality of geofence grid boxes associated with the geofence area, wherein each geofence grid box is characterized by a grid box geofence area of the geofence area, wherein the method comprises: receiving, using the communication device, at least one grid parameter from the at least one supervisor device, wherein the processing device is further configured for: analyzing, using the processing device, the at least one grid parameter; determining, using the processing device, the grid box geofence area based on the analyzing of the at least one grid parameter; and generating, using the processing device, a number of geofence grid boxes based on the determining.

2. (Original) The method of claim 1 further comprising: receiving, using the communication device, at least one location indication associated with the geographical area from the at least one supervisor device; identifying, using the processing device, at least one location corresponding to the at least one location indication; analyzing, using the processing device, the at least one supervisee data based on the at least one location; and determining, using the processing device, a location anomaly based on the analyzing of the at least one supervisee data based on the at least one location, wherein the generating of the supervision notification is based on the determining.
3. (Original) The method of claim 1, wherein the supervision notification comprises at least one supervisee event, wherein the at least one supervisee event is associated with at least one action, wherein the method comprises: determining, using the processing device, the at least one action based on the supervision notification; and performing, using the processing device, the at least one action based on the determining, wherein the at least one action comprises an establishment of a communication session between the at least one supervisor device and the at least one supervisee device.
4. (Original) The method of claim 1 further comprising: identifying, using the processing device, the supervisee based on the analyzing of the at least one supervisee data; and retrieving, using the storage device, supervisee profile data associated with the supervisee based on the identifying, wherein the generating of the supervision notification is based on the retrieving.
5. (Original) The method of claim 1 further comprising: identifying, using the processing device, at least one object associated with the supervisee based on the analyzing of the at least one supervisee data; and determining, using the processing device, a lethality of the at least one object based on the identifying, wherein the generating of the supervision notification is based on the determining.
6. (Original) The method of claim 1 further comprising: receiving, using the communication device, at least one environment data associated the geographical area corresponding to

- the geofence; analyzing, using the processing device, the at least one environment data; and determining, using the processing device, at least one threat based on the analyzing of the at least one environment data, wherein the generating of the supervisor notification is based on the determining.
7. (Original) The method of claim 1 further comprising: retrieving, using the storage device, a blueprint associated with the geographical area corresponding to the geofence; analyzing, using the processing device, the blueprint and the at least one supervisee data; and determining, using the processing device, a location of the supervisee on the blueprint based on the analyzing of the blueprint and the at least one supervisee data, wherein the generating of the supervision data is based on the determining.
8. (Original) The method of claim 1, wherein the at least one supervisee device comprises at least one sensor, wherein the at least one sensor is configured for detecting at least one signal made by the supervisee, wherein the at least one sensor is configured for generating the at least one supervisee data based on the detecting.
9. (Currently Amended) The method of claim 1, wherein the supervisee is associated with at least one identification, wherein the method comprises: receiving, using the communication device, at least one ~~NFC~~ indication corresponding to the at least one ~~NFC~~ identification from the at least one supervisee device; ~~wherein the receiving is performed over short range wireless communication comprising at least one of Bluetooth, Zigbee, Ultra-wideband, Wi-Fi and NFC,~~ and identifying, using the processing device, the supervisee based on the at least one ~~NFC~~ indication, wherein the generating of the supervision notification is based on the identifying.
10. (Original) A system for facilitating supervision of individuals based on geofencing, the system comprising: a communication device configured for: receiving, using a communication device, at least one security parameter from at least one supervisor device

associated with at least one supervisor; receiving, using the communication device, a geographical location from the at least one supervisor device; receiving at least one supervisor data associated with a supervisee from at least one supervisee device; and transmitting a supervision notification to the at least one supervisor device; a processing device configured for: analyzing the geographical location based on the at least one security parameter; generating a geofence corresponding to a geographical area based on the analyzing; analyzing the at least one supervisee data based on the geofence; and generating the supervision notification based on the analyzing of the at least one supervisee data; and a storage device configured for storing the at least one supervisee data and the supervision notification, wherein: the geofence is characterized by a geofence area corresponding to the geographical area, wherein the geofence comprises a plurality of geofence grid boxes associated with the geofence area, wherein each geofence grid box is characterized by a grid box geofence area of the geofence area, wherein the communication device is further configured for receiving at least one grid parameter from the at least one supervisor device, wherein the processing device is further configured for: analyzing the at least one grid parameter; determining the grid box geofence area based on the analyzing of the at least one grid parameter; and generating a number of geofence grid boxes based on the determining.

11. (Original) The system of claim 10, wherein the communication device is further configured for receiving at least one location indication associated with the geographical area from the at least one supervisor device, wherein the processing device is further configured for: identifying at least one location corresponding to the at least one location indication; analyzing the at least one supervisee data based on the at least one location;

- and determining a location anomaly based on the analyzing of the at least one supervisee data based on the at least one location, wherein the generating of the supervision notification is based on the determining.
12. (Original) The system of claim 10, wherein the supervision notification comprises at least one supervisee event, wherein the at least one supervisee event is associated with at least one action, wherein the processing device is further configured for: determining the at least one action based on the supervision notification; and performing the at least one action based on the determining, wherein the at least one action comprises an establishment of a communication session between the at least one supervisor device and the at least one supervisee device.
13. (Original) The system of claim 10, wherein the processing device is further configured for identifying the supervisee based on the analyzing of the at least one supervisee data, wherein the storage device is configured for retrieving supervisee profile data associated with the supervisee based on the identifying, wherein the generating of the supervision notification is based on the retrieving.
14. (Original) The system of claim 10, wherein the processing device is further configured for: identifying at least one object associated with the supervisee based on the analyzing of the at least one supervisee data; and determining a lethality of the at least one object based on the identifying, wherein the generating of the supervision notification is based on the determining.
15. (Original) The system of claim 10, wherein the communication device is further configured for receiving at least one environment data associated the geographical area corresponding to the geofence, wherein the processing device is further configured for:

- analyzing the at least one environment data; and determining at least one threat based on the analyzing of the at least one environment data, wherein the generating of the supervisor notification is based on the determining.
16. (Original) The system of claim 10, wherein the storage device is further configured for retrieving a blueprint associated with the geographical area corresponding to the geofence, wherein the processing device is further configured for analyzing the blueprint and the at least one supervisee data; and determining a location of the supervisee on the blueprint based on the analyzing of the blueprint and the at least one supervisee data, wherein the generating of the supervision data is based on the determining.
17. (Original) The system of claim 10, wherein the at least one supervisee device comprises at least one sensor, wherein the at least one sensor is configured for detecting at least one signal made by the supervisee, wherein the at least one sensor is configured for generating the at least one supervisee data based on the detecting.
18. (Currently Amended) The system of claim 10, wherein the supervisee is associated with at least one ~~near field communication (NFC)~~ identification, wherein the communication device is further configured for receiving at least one ~~NFC~~ indication corresponding to the at least ~~NFC~~ one identification from the at least one supervisee device, ~~wherein the receiving is performed over short range wireless communication comprising at least one of Bluetooth, Zigbee, Ultra wideband, Wi-Fi and NFC,~~ wherein the processing device is further configured for identifying the supervisee based on the at least one ~~NFC~~ indication, wherein the generating of the supervision notification is based on the identifying.

REMARKS

Status of Claims

Claims 1-18 are pending in this application.

Claims 9 and 18 have been amended.

Claim Amendments

In an effort to expedite the prosecutions, Applicant submits that the amendments are supported by the specifications.

The claim 9 has been amended as,

“The method of claim 1, wherein the supervisee is associated with at least one identification, wherein the method comprises: receiving, using the communication device, at least one indication corresponding to the at least one identification from the at least one supervisee device; and identifying, using the processing device, the supervisee based on the at least one indication, wherein the generating of the supervision notification is based on the identifying.”

Examiner is respectfully directed to line 45-56 column 15 of U.S. 11,468,757 for the support of the amendment.

The claim 18 has been amended as,

“The system of claim 10, wherein the supervisee is associated with at least one identification, wherein the communication device is further configured for receiving at least one indication corresponding to the at least one identification from the at least one supervisee device, wherein the processing device is further configured for identifying the supervisee based on the at least one indication, wherein the generating of the supervision notification is based on the identifying.”

Examiner is respectfully directed to line 45-56 column 15 of U.S. 11,468,757 for the support of the amendment.

The Examiner is invited to telephone the undersigned, Applicant's Attorney of Record, to facilitate advancement of the present application.

Respectfully submitted,

04-29-2024

Date

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