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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/212,902	06/01/2021	11025573	XCH-101-D	7450

48980 7590 05/12/2021
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

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

The Patent Term Adjustment is 193 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Ginko LLC, West Bloomfield, MI;
Ronald J. Czajka II, Brighton, MI;
Sam B. Attisha, West Bloomfield, MI;

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

PART B—FEE(S) TRANSMITTAL

Complete and send this form, together with the applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By fax, send to: (571) 273-2885

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

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

YOUNG BASILE HANLON & MACFARLANE, P.C.
3001 West Big Beaver Rd.
Suite 624
Troy, Michigan 48084

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D	7450

TITLE OF INVENTION: Method And Apparatus For Data Sharing

APPLN: TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600.00			\$600.00	04/27/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
H. Lu	2171	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363) ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. Young Basile Hanlon & MacFarlane, P.C. 2. 3.
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE or COUNTRY)

Ginko LLC

West Bloomfield, Michigan

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

4a. Fees Submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment (Please first reapply any previously paid fee shown above):

☒ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 25-0115

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

☐ Applicant certifying micro entity status. See 37 CFR 1.29.

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

☐ Applicant asserting small entity status. See 37 CFR 1.27.

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

☐ Applicant changing to regular undiscounted fee status.

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

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

Authorized Signature

/Michelle L. Knight/

Date April 27, 2021

Typed or printed name

Michelle L. Knight

Registration No.

47,711

Electronic Patent Application Fee Transmittal				
Application Number:		16212902		
Filing Date:		07-Dec-2018		
Title of Invention:		METHOD AND APPARATUS FOR DATA SHARING		
First Named Inventor/Applicant Name:		Ronald J. Czajka		
Filer:		Michelle L. Knight/Mary Ellen Donovan		
Attorney Docket Number:		XCH-101-D		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	2501	1	600	600

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				600

Electronic Acknowledgement Receipt

EFS ID:	42570481
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michelle L. Knight/Mary Ellen Donovan
Filer Authorized By:	Michelle L. Knight
Attorney Docket Number:	XCH-101-D
Receipt Date:	27-APR-2021
Filing Date:	07-DEC-2018
Time Stamp:	17:59:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$600
RAM confirmation Number	E20214QI01282327
Deposit Account	250115
Authorized User	Mary Ellen Donovan

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

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

APPLE

EXHIBIT 1003 - 0005

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	XCH101D_IssueFee_20210427.pdf	480927	no	1
			0acab8f8679ae7f6a52d756053c46a5c38be03c4		

Warnings:**Information:**

2	Fee Worksheet (SB06)	fee-info.pdf	30557	no	2
			ddd906eb19d74306012a2bafa3a10a0e268159ba		

Warnings:**Information:**

Total Files Size (in bytes):	511484
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D	7450
48980	7590	04/15/2021		
YOUNG BASILE 3001 WEST BIG BEAVER ROAD SUITE 624 TROY, MI 48084			EXAMINER LU, HUA	
			ART UNIT	PAPER NUMBER
			2171	
			NOTIFICATION DATE	DELIVERY MODE
			04/15/2021	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):

audit@youngbasile.com
docketing@youngbasile.com

Corrected Notice of Allowability	Application No. 16/212,902	Applicant(s) Czajka et al.	
	Examiner HUA LU	Art Unit 2171	AIA (FITF) Status Yes

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

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

1. ☒ This communication is responsive to 4/9/2021.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

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

3. ☒ The allowed claim(s) is/are 1-3,5-6,8-14,17-19,21-30 and 33-38. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some *c) ☐ None of the:

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

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

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

* Certified copies not received: _____.

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

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

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)	5. ☐ Examiner's Amendment/Comment
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>4/9/2021</u> .	6. ☐ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.	

/HUA LU/ Primary Examiner, Art Unit 2171	
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Doc code: IDS

PTO/SB/08a (02-18)

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 11/30/2020. OMB 0651-0031

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16212902
	Filing Date		2018-12-07
	First Named Inventor	Ronald J. Czajka	
	Art Unit	2171	
	Examiner Name	H. Lu	
	Attorney Docket Number	XCH-101-D	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10217085	B2	2019-02-26	Castro et al.	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20140244744	A1	2014-08-28	Lyren	

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

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²ⁱ	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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NON-PATENT LITERATURE DOCUMENTS					Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.			T ⁵

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2171
Examiner Name	H. Lu
Attorney Docket Number	XCH-101-D

	1		
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EXAMINER SIGNATURE

Examiner Signature	/HUA LU/	Date Considered	04/13/2021
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2171
Examiner Name	H. Lu
Attorney Docket Number	XCH-101-D

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michelle L. Knight/	Date (YYYY-MM-DD)	2021-04-09
Name/Print	Michelle L. Knight	Registration Number	47,711

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

APPLE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16212902
	Filing Date		2018-12-07
	First Named Inventor	Ronald J. Czajka	
	Art Unit	2171	
	Examiner Name	H. Lu	
	Attorney Docket Number	XCH-101-D	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10217085	B2	2019-02-26	Castro et al.	

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

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U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20140244744	A1	2014-08-28	Lyren	

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

**INFORMATION DISCLOSURE
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Application Number	16212902
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First Named Inventor	Ronald J. Czajka
Art Unit	2171
Examiner Name	H. Lu
Attorney Docket Number	XCH-101-D

1	
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EXAMINER SIGNATURE

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

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

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Attorney Docket Number	XCH-101-D

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See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michelle L. Knight/	Date (YYYY-MM-DD)	2021-04-09
Name/Print	Michelle L. Knight	Registration Number	47,711

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

Electronic Patent Application Fee Transmittal

Application Number:	16212902			
Filing Date:	07-Dec-2018			
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING			
First Named Inventor/Applicant Name:	Ronald J. Czajka			
Filer:	Michelle L. Knight/Mary Ellen Donovan			
Attorney Docket Number:	XCH-101-D			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	130	130
Total in USD (\$)				130

Electronic Acknowledgement Receipt

EFS ID:	42414847
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michelle L. Knight/Mary Ellen Donovan
Filer Authorized By:	Michelle L. Knight
Attorney Docket Number:	XCH-101-D
Receipt Date:	09-APR-2021
Filing Date:	07-DEC-2018
Time Stamp:	14:46:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 130
RAM confirmation Number	E202149E47233959
Deposit Account	250115
Authorized User	Mary Ellen Donovan

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:
37 CFR 1.21 (Miscellaneous fees and charges)

APPLE

EXHIBIT 1003 - 0019

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	Information_Disclosure_Statement_Fillable_PDF.pdf	1034111	no	4
			dc9b9e3f637b6e1d9463fb9af56c17e6df6ae0452		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30531	no	2
			5f75f75081c952e0d01a76c784b89b82deca049		
Warnings:					
Information:					
Total Files Size (in bytes):			1064642		
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. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

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

NOTICE OF ALLOWANCE AND FEE(S) DUE

48980 7590 01/27/2021
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

EXAMINER	
LU, HUA	
ART UNIT	PAPER NUMBER
2171	

DATE MAILED: 01/27/2021

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D	7450

TITLE OF INVENTION: METHOD AND APPARATUS FOR DATA SHARING

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	04/27/2021

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

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

HOW TO REPLY TO THIS NOTICE:

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

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

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

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

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

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

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

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

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

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

48980 7590 01/27/2021
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D	7450

TITLE OF INVENTION: METHOD AND APPARATUS FOR DATA SHARING

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	04/27/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
LU, HUA	2171	715-753000

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

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

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

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

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

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

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

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

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

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

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

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

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D	7450
48980	7590	01/27/2021	EXAMINER	
YOUNG BASILE 3001 WEST BIG BEAVER ROAD SUITE 624 TROY, MI 48084			LU, HUA	
			ART UNIT	PAPER NUMBER
			2171	
DATE MAILED: 01/27/2021				

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

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

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

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

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

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

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of **EXHIBIT 1003 - 0024**

Notice of Allowability	Application No. 16/212,902	Applicant(s) Czajka et al.	
	Examiner HUA LU	Art Unit 2171	AIA (FITF) Status Yes

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

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

1. ☒ This communication is responsive to 9/21/2020.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

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

3. ☒ The allowed claim(s) is/are 1-3,5-6,8-14,17-19,21-30 and 33-38. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some *c) ☐ None of the:

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

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

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

* Certified copies not received: _____.

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

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

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

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

/HUA LU/ Primary Examiner, Art Unit 2171	
---	--

<i>Notice of References Cited</i>	Application/Control No. 16/212,902		Applicant(s)/Patent Under Reexamination Czajka et al.	
	Examiner HUA LU		Art Unit 2171	Page 1 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20150319157-A1	11-2015	Sherman; Jonah	G06F16/1844	726/7
*	B	US-20100057481-A1	03-2010	Fein; Gene	G06Q30/02	705/1.1
*	C	US-20140122220-A1	05-2014	BRADLEY; Nathaniel T.	G06Q30/0267	705/14.42
*	D	US-20070061567-A1	03-2007	Day; Glen	H04L9/3234	713/159
*	E	US-9037645-B2	05-2015	Czajka; Ronald J.	H04L67/42	709/203
*	F	US-7606725-B2	10-2009	Robertson; Brian D.	G06Q10/02	705/7.11
*	G	US-20100217614-A1	08-2010	Brown; Robert William	H04L67/1095	705/1.1
*	H	US-20140101255-A1	04-2014	Pal; Arpan	G06Q50/01	709/204
*	I	US-20080082332-A1	04-2008	Mallett; Jacqueline	G10L17/00	704/250
*	J	US-20130219516-A1	08-2013	Shimshoni; Daniel S.	H04L63/08	726/28
*	K	US-20080189387-A1	08-2008	Lee; Ching-Kang	H04L51/28	709/217
*	L	US-20160308685-A1	10-2016	Pujic; Milos	H04L12/1818	1/1
*	M	US-20160088139-A1	03-2016	Vance; Michael Steffen	H04M1/27453	715/763

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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<i>Notice of References Cited</i>	Application/Control No. 16/212,902		Applicant(s)/Patent Under Reexamination Czajka et al.	
	Examiner HUA LU		Art Unit 2171	Page 2 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20140122605-A1	05-2014	Merom; Ron	G06Q10/10	709/204
*	B	US-20140075075-A1	03-2014	Morrill; Daniel Lawrence	G06F1/1632	710/303
*	C	US-20130185368-A1	07-2013	Nordstrom; Christopher Andrew	H04W4/023	709/206
*	D	US-20110202956-A1	08-2011	Connelly; Michael	H04N21/4755	725/38
*	E	US-20100306185-A1	12-2010	Smith; Adam	G06F16/24578	707/709
*	F	US-20160110467-A1	04-2016	Hern; Alexander	H04L67/22	235/375
*	G	US-20150319203-A1	11-2015	Jeremias; Leo	G06Q30/0641	715/753
*	H	US-20150302098-A1	10-2015	Hern; Alexander	G06F21/41	707/708
*	I	US-20150205842-A1	07-2015	Jain; Ankur	G06F16/215	707/732
*	J	US-20150120406-A1	04-2015	Ekberg; Lane A.	G06Q30/0641	705/14.5
*	K	US-20140230030-A1	08-2014	Abhyanker; Raj	G06F16/9537	726/6
*	L	US-20140164129-A1	06-2014	Joshi; Sanjaykumar	G06Q30/0261	705/14.58
*	M	US-20110153553-A1	06-2011	Klotz; Christopher S.	G06Q50/01	707/607

FOREIGN PATENT DOCUMENTS

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Notice of References Cited	Application/Control No. 16/212,902		Applicant(s)/Patent Under Reexamination Czajka et al.	
	Examiner HUA LU		Art Unit 2171	Page 3 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-7466810-B1	12-2008	Quon; Colin Shong Chin	H04M3/42229	379/201.01
*	B	US-20190347426-A1	11-2019	Coffing; Daniel L.	H04L63/104	1/1
*	C	US-10356035-B1	07-2019	Gravino; Douglas D.	H04L51/14	1/1
*	D	US-20130298030-A1	11-2013	Nahumi; Aaron	H04W4/21	715/733
*	E	US-20120272287-A1	10-2012	KUHLKE; Matthew Robert	H04W4/023	726/1
*	F	US-20120316962-A1	12-2012	Rathod; Yogesh Chunilal	G06Q10/107	705/14.54
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Issue Classification 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
	Examiner HUA LU	Art Unit 2171

CPC						
Symbol					Type	Version
H04L	/	51	/	12	F	2013-01-01
H04L	/	61	/	1547	I	2013-01-01
H04W	/	8	/	005	I	2013-01-01
H04L	/	67	/	06	I	2013-01-01
H04L	/	67	/	306	I	2013-01-01
H04L	/	51	/	20	I	2013-01-01
H04W	/	4	/	022	I	2013-01-01

CPC Combination Sets				
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NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 31	
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<i>Issue Classification</i> 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
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INTERNATIONAL CLASSIFICATION			
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G06F	/	3	/ 048

NON-CLAIMED			
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US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

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

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 31	
/HUA LU/ Primary Examiner, Art Unit 2171 (Primary Examiner) _____ (Date) 05 January 2021		O.G. Print Claim(s) 1	O.G. Print Figure 4

Issue Classification 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
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☐ Claims renumbered in the same order as presented by applicant
 ☐ CPA
 ☐ T.D.
 ☐ R.1.47

CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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3	3	10	12	16	21	31	30		39						
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	7		16	25	25	21	34								
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7	9	14	18	27	27	23	36								

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 31	
/HUA LU/ Primary Examiner, Art Unit 2171 (Primary Examiner) _____ (Date) 05 January 2021		O.G. Print Claim(s) 1	O.G. Print Figure 4

<i>Search Notes</i> 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
	Examiner HUA LU	Art Unit 2171

CPC - Searched*		
Symbol	Date	Examiner
G06F 3/0484	08/13/2020	A.L.
G06F 3/0488	08/13/2020	A.L.
G06F 3/0482	08/13/2020	A.L.
cpc search update	01/05/2021	HL

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
EAST Search	08/13/2020	A.L.
NPL Search (attached)	08/13/2020	A.L.
Inventor Name Search (EAST)	08/13/2020	A.L.
Search update in EAST	01/05/2021	HL
Google Patents search including NPL	01/05/2021	HL

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<i>Search Notes</i> 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
	Examiner HUA LU	Art Unit 2171

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
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CONFIRMATION NO. 7450

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
16/212,902	12/07/2018	715	2171	XCH-101-D		
RULE						
APPLICANTS Ginko LLC, West Bloomfield, MI; INVENTORS Ronald J. Czajka II, Brighton, MI; Sam B. Attisha, West Bloomfield, MI; ** CONTINUING DATA ***** This application is a CIP of 15/217,424 07/22/2016 PAT 10171985 which claims benefit of 62/195,534 07/22/2015 and claims benefit of 62/234,246 09/29/2015 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 12/31/2018						
Foreign Priority claimed 35 USC 119(a-d) conditions met Verified and Acknowledged	☐ Yes ☒ No ☐ Yes ☒ No /ANDREA C LEGGETT/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY MI	SHEETS DRAWINGS 14	TOTAL CLAIMS 31 20	INDEPENDENT CLAIMS 5 8
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Looking at, looking up or keeping up with people? Motives and use of Facebook

Google Scholar onemvweb.com Jonsson A Proceedings of the SIGCHI conference on Human Factors in Computing Systems

Published 2008

... If 'social searching' is a **public** good, then reciprocity rules would dictate that by enabling a ... Gross and Acquisti [13] report that only 1.2% of users changed the default 'search' privacy setting ... who are away from home Chatting to people i otherwise would have lost **contact** with 52 ...

Facebook and online privacy: Attitudes, behaviors, and unintended consequences

Google Scholar academicoup.com Gebstein B Journal of computer-mediated communication

Published 2009

... Advanced Search ... to unintended consequences, such as threats to privacy and changes in the relationship between **public** and private ... Include inadvertent disclosure of personal information, damaged reputation due to rumors and gossip, unwanted **contact** and harassment or ...

The emerging Web 2.0 social software: an enabling suite of sociable technologies in health and health care education 1

Google Scholar www.academia.edu Karmel Boulos M Health Information & Libraries Journal

Published 2007

... Visitors to social bookmarking sites can **search** for resources by keyword (tag), person, or popularity and ... If their bookmarks are made **public**, they can easily direct others to them ... each bookmark and provide access to that person's other bookmarked resources, **contact** is easily ...

Syndicating surgical data in a healthcare environment

US [US8856611B2](#) James F Moore Newslike Media Group, Inc.

Priority 2005-02-01 Filed 2009-02-26 Granted 2013-10-22 Published 2013-10-22

Disclosed herein are systems and methods for syndication and management of structured and unstructured data to assist institutional healthcare delivery, healthcare providers' practices, healthcare providers' group practices, collaborative academic research and decision making in healthcare, ...

Method and apparatus for internet-based human network brokering

WO US AU [US2015035882](#) James Duncan Work James Duncan Work

Priority 2000-05-09 Filed 2014-06-25 Granted 2015-08-25 Published 2015-08-25

Matches between search queries and potential targets of such search queries are automatically brokered by (i) comparing search criteria specified in the search queries with profile criteria describing the potential targets, and (ii) reporting instances of acceptable correspondence between the ...

<https://patents.google.com/?q=search+contact+public+private+profile&scholar&oq=search+contact+public+private+profile>

1/3

Public-private partnerships: an international performance reviewGoogle Scholar • www.academia.edu • Hodge G • *Public administration review*

Published 2007

... He is currently directing a research project on policy making and regulation in **public**-private partnerships. E-mail: cg.cbp@cbs.dk. **Search** for more papers by this author. Carsten Greve Corresponding Author. Copenhagen Business School ...

Sociality through social network sitesGoogle Scholar • www.oxfordhandbooks.com • Ellison N • *The Oxford handbook of internet studies*

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Publicly private and privately public: Social networking on YouTubeGoogle Scholar • academic.oup.com • Lange P • *Journal of computer-mediated communication*

Published 2007

... Given the limited capabilities of YouTube's **search** features at the time of this research, several ... with the video maker, the comment discouraged the video maker from pursuing additional social **contact** ... Fractalized **Public** and Private Dynamics Reveal Different Social Networks ...

Geo-tagged journal system for location-aware mobile communication devicesWO EP US • [US5627345B2](http://www.uspto.gov) • Samuel H. Altman • Loopt, Inc.

Priority 2006-06-01 • Filed 2007-10-31 • Granted 2011-12-06 • Published 2011-12-06

Embodiments of a location sharing network manager process are described. The process is executed on a server computer coupled to a plurality of mobile communication devices over a wireless network. Each mobile device is a location-aware mobile communication device. The process determines the ...

Nextdoor neighborhood social network method, apparatus, and systemUS • [US8833245B1](http://www.uspto.gov) • Raj Abhyanker • Fatdoor, Inc.

Priority 2006-10-19 • Filed 2014-07-02 • Granted 2014-10-14 • Published 2014-10-14

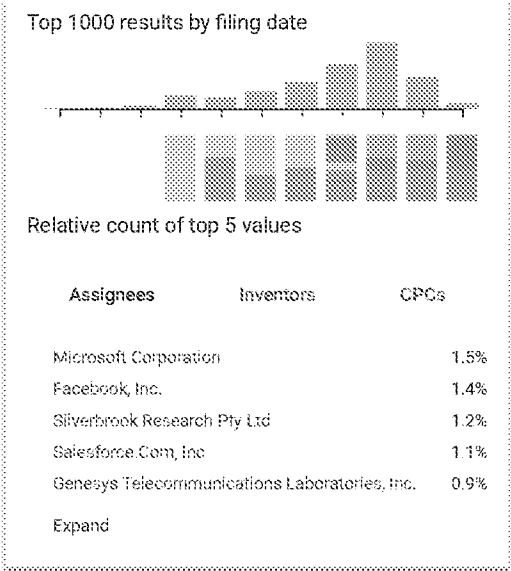
A method and system an online neighborhood social network designed to create private websites to facilitate communication among neighbors and build stronger neighborhoods. The private websites are embodied in a website having a domain name of nextdoor.com. In one embodiment, a method verifies that ...

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L46	886	((potential or target) near5 contact with (permit\$4 or permission or allow\$3 or accept\$4)).clm.	US-PGPUB; USPAT	OR	ON	2021/01/05 15:54
L49	9	(contact with (permit\$4 or permission or allow\$3 or accept\$4)).clm. and (private with public with profile).clm.	US-PGPUB; USPAT	OR	ON	2021/01/05 15:56
L50	39	((potential or target) near5 contact with (permit\$4 or permission or allow\$3 or accept\$4)).clm. and (location with device).clm.	US-PGPUB; USPAT	OR	ON	2021/01/05 15:59
L51	3	((potential or target) near5 contact with (permit\$4 or permission or allow\$3 or accept\$4)).clm. and (chat).clm.	US-PGPUB; USPAT	OR	ON	2021/01/05 16:00
L52	233	(contact with (permit\$4 or permission or allow\$3 or accept\$4)).clm. and (chat).clm.	US-PGPUB; USPAT	OR	ON	2021/01/05 16:01
L53	35	(contact with (permit\$4 or permission or allow\$3 or accept\$4)).clm. and (chat).clm. and (location with device).clm.	US-PGPUB; USPAT	OR	ON	2021/01/05 16:02

1/5/2021 4:21:50 PM

C:\Users\hlu\Documents\EAST\Workspaces\16212902.wsp

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 16/212,902		Filing Date 12/07/2018		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 = *		x \$50 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 = *		x \$230 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	09/21/2020	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	* 32	Minus	** 35	= 0	x \$50 =		0		
	Independent (37 CFR 1.16(h))	* 6	Minus	*** 6	= 0	x \$230 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE		0		
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.						LIE				
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/TAMMY D MCBETH BROWN/				
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

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

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ginko LLC
First Named Inventor: Ronald J. Czajka II
Serial Number: 16/212,902
Filing Date: December 7, 2018
Examiner/Art Unit: Andrea C. Leggett / 2171 Conf. No. 7450
Title: Method and Apparatus for Data Sharing

AMENDMENT

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

Commissioner:

In response to the Office Action dated August 19, 2020, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

If any extensions of time are needed for timely acceptance of this reply and associated papers, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment from Deposit Account No. 25-0115. If any other fees must be paid in connection with this reply, Applicant authorizes payment from Deposit Account No. 25-0115.

- ☐ Amendments to the Abstract.
- ☐ Amendments to the Specification.
- ☒ Amendments to the Claims.
- ☐ Amendments to the Drawings.

Listing of the Claims:

1. (Currently amended) A method for data sharing between devices in a network, the method comprising:
 - identifying, for a user associated with a user device, a potential contact,
 - the user being associated with user data, and
 - the potential contact being associated with contact data;
 - receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
 - the request ~~comprising~~ comprises a first permission setting,
 - the first permission setting being at least a first value or a second value,
 - the first value ~~indicating~~ indicates that a subset of user data of a permitting user is to be shared with a permitted user, and
 - the second value ~~indicating~~ indicates that only chats are allowed from the permitted user to the permitting user;
 - sending, based on the request, a communication to the potential contact to initiate a data exchange; and
 - in response to receiving, from the potential contact, an acceptance of the communication:
 - setting the user as a contact of the potential contact,
 - the subset of the user data being viewable to the potential contact in a case that the first permission setting ~~being is~~ the first value but is not the second value,
 - and the potential contact being able to start a chat with the user in a case that the first permission setting is the second value or the first value; and
 - setting the potential contact as a contact of the user.
2. (Original) The method of claim 1, further comprising:
 - receiving, from the user, a cancellation request of the request; and
 - revoking the request such that the potential contact cannot accept the request.
3. (Currently amended) The method of claim 1, wherein identifying the potential contact ~~comprising~~ comprises:

receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the user device matches the first location.

4. (Canceled).

5. (Original) The method of claim 3,
wherein the first location is a first geolocation, and
wherein the second location is a second geolocation that is within a predefined distance of the first geolocation.

6. (Original) The method of claim 1, wherein the acceptance of the communication is automatically generated.

7. (Canceled).

8. (Original) The method of claim 1,
wherein receiving, from the user device of the user, the request for the user to become a contact with the potential contact, comprises:

receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact.

9. (Original) The method of claim 8, wherein the first location being a first geolocation of the user device.

10. (Original) The method of claim 8, wherein the second location being a second geolocation of a device of the potential contact.
11. (Original) The method of claim 8, wherein the first location matching the second location comprises the first location being within a predefined distance of the second location.
12. (Original) A system for data sharing between devices in a network, comprising:
a processor; and
a memory, the memory comprising computer-executable instructions that, when executed by the processor, perform operations comprising:
identifying, for a user associated with a user device, a potential contact,
the user being associated with user data, and
the potential contact being associated with contact data;
receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
the request comprising a first permission setting, and
the first permission setting being at least a first value indicating that a subset of user data of a permitting user is to be shared with a permitted user;
sending, based on the request, a communication to the potential contact to initiate a data exchange; and
in response to receiving an acceptance of the communication:
setting the user as a contact of the potential contact,
the subset of the user data being viewable to the potential contact
in a case that the first permission setting being the first value; and
setting the potential contact as a contact of the user.
13. (Original) The system of claim 12, wherein identifying the potential contact comprises:
receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the user device matches the first location.

14. (Original) The system of claim 13,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.
- 15-16. (Canceled).
17. (Original) The system of claim 12, wherein the acceptance is automatically generated in a case that a profile of the potential contact is a public profile.
18. (Original) The system of claim 12,
wherein receiving, from the user device of the user, the request for the user to become a contact with the potential contact, comprises:
receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to initiate the data exchange comprises:
subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact.
19. (Original) The system of claim 18, wherein the first location being a first geolocation of the user device.
20. (Canceled).
21. (Currently amended) A method for exchanging user data, comprising:
receiving user data from a first user;
creating, in response to first instructions from the first user, a first profile and a second profile,
wherein the first profile consists of a first subset of the user data and,

wherein the second profile consists of a second subset of the user data;
receiving instructions from the user to set the first profile as public and set the second profile as private;

selecting, in response to second instructions from the first user, a selected profile from one of the first profile or the second profile, to share with a second user; and

in response to receiving a request from the second user, sharing the selected profile with the second user, wherein sharing the selected profile with the second user comprises:

on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user; and

on a condition that the selected profile is private, sharing the selected profile with the second user in response to the first user accepting the request.

22. (Currently amended) The method of claim 21, wherein receiving the request from the second user ~~comprising~~ comprises:

displaying, on a device of the first user, a scan code corresponding to the selected profile;
and

receiving the request in response to the scan code being scanned by a second device of the second user.

23. (Previously presented) The method of claim 21, further comprising:

modifying, by the first user, a datum of the selected profile; and
automatically updating the second user of the modified datum.

24. (Previously presented) The method of claim 21, wherein the user data comprises at least one of a name, a title, a company, an availability status, an account picture, a phone number, a mobile phone number, a mailing address, an email address, a facsimile number, a social media link, a website, a birthday, or an anniversary.

25. (Currently amended) A method for exchanging user data, comprising:

identifying, in response to enabling an interface component of a device of a user, potential nearby contacts, wherein identifying the potential nearby contacts comprises:
in response to the user touching and holding the interface component,
commencing detection of the potential nearby contacts;
continuing to search for one or more of the potential nearby contacts while the user is holding the interface component; and
in response to the user releasing the interface component, stopping searching and identifying the potential nearby contacts;
selecting a potential nearby contact of the potential nearby contacts;
in response to selecting the potential nearby contact, sending a request to the potential nearby contact to share at least a subset of user data of the user with the potential nearby contact;
and
in response to the potential nearby contact accepting the request, setting the user as a contact of the potential nearby contact.

26. (Previously presented) The method of claim 25, further comprising:
receiving, from the user, a cancellation request of the request; and
revoking the request so that the potential nearby contact cannot accept the request.
27. (Currently amended) The method of claim 25, wherein selecting the potential nearby contact of the potential nearby contacts ~~comprising~~ comprises:
receiving, from the potential nearby contact, a first location; and
identifying the potential nearby contact in a case that a second location of the device of the user matching the first location.
28. (Previously presented) The method of claim 27,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.
29. (Previously presented) The method of claim 25, further comprising:

displaying, on the device of the user, a map including location markers indicative of locations of at least some contacts of the user.

30. (Currently amended) A method of exchanging user data, comprising:
- receiving, from a first user, a first profile, wherein the first profile is set ~~to~~ as public;
 - receiving, from a second user, a second profile, wherein the second profile is set as public;
 - identifying the second user as a potential contact for the first user based on proximity of the second user to the first user by:
 - generating, on a device of the first user, a user interface display including a detection activation toggle function and a status indicator for an automatic mode;
 - receiving a command from the user to activate the automatic mode;
 - activating, in response to the command, the automatic mode,
 - wherein the command is one of a first command or a second command,
 - wherein the first command indicates that the automatic mode is activated until the user deactivates the automatic mode, and
 - wherein the second command indicates that the automatic mode is activated for a first period of time;
 - sending a request to a network server to search for user devices while the automatic mode is activated to identify potential contacts in response to user interface with the detection activation toggle function; and
 - identifying the second user as the potential contact;
 - in response to the first profile being public, the second profile being public, and the proximity of the second user to the first user:
 - sending the first profile to the second user; and
 - sending the second profile to the first user.

31. (Canceled).

32. (Canceled).

33. (Currently amended) The method of claim 21, wherein sharing the selected profile with the second user ~~comprising~~comprises:

~~on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user;~~

on a condition that the selected profile is private:

setting, in response to third instructions from the first user, the selected profile to public; and

automatically sharing, without the explicit action by the first user, the selected profile with the second user.

34. (~~Previously presented~~Currently amended) The method of claim 21, further comprising:

identifying the second user in response to enabling a proximity sensor of ~~the~~a device of the first user.

35. (Currently amended) The method of claim 34,
wherein the selected profile is a public profile, and
wherein sharing the selected profile with the second user ~~comprising~~comprises:
automatically sharing, without a first explicit action by the first user, the selected profile with the second user.

36. (Previously presented) The method of claim 34,
wherein the request from the second user comprises a request to exchange a third profile of the second user, the third profile being a public profile,
wherein the request received from the second user is automatically initiated, without a second explicit action of the second user in response to the third profile being public.

37. (Currently amended) The method of claim 34, wherein in response to enabling the proximity sensor of the device of the first user ~~comprising~~comprises:

identifying a plurality of users, wherein the plurality of users includes the second user;
and

displaying a list of the plurality of users in a graphical user interface of the device of the first user, wherein the list of the plurality of users is sorted based on proximity of a respective device of each of the plurality of users to the device of the first user.

38. (Currently amended) The method of claim 25, wherein in response to the potential nearby contact accepting the request, setting the user as the contact of the potential nearby contact ~~comprising~~comprises:

in response to a profile of the potential nearby contact being a public profile, automatically accepting, without an explicit action by the nearby contact, the request.

39. (Canceled).

REMARKS

In response to the Office Action dated August 19, 2020, Applicant amends claims 1, 3, 21, 22, 25, 27, 30, 33-35, 37, and 38. Applicant cancels claims 4, 7, 15, 16, 20, 31, 32, and 39 without prejudice or disclaimer. No new matter is added. After entry of this Amendment, claims 1-3, 5, 6, 8-14, 17-19, 21-30, and 33-38 are pending in the Application. Reconsideration of the Application as amended is respectfully requested in view of these remarks.

Rejections under 35 U.S.C. §102

Claims 1-2, 6, 12, 17, 21, and 23-24 are rejected under 35 U.S.C. § 102 as being anticipated by U.S. Application Publication No. 2015/0319157 to Sherman et al. (“Sherman”).

Claim 1, from which claims 2 and 6 depend, is amended to recite in part that “a communication to the potential contact to initiate a data exchange [is sent, based on a request]” where “the request comprises a first permission setting” that “[is] at least a first value or a second value” and where “the second value indicates that only chats are allowed from the permitted user to the permitting user.”

Sherman does not teach these features. Sherman describes, as the Examiner points out, “[w]hen a user becomes a member of a Group, communication tools may become available to the new member. . . . The communication tools available may include the ability to broadcast a text to a Group, to start a group chat, or to email all members of the Group.” (Sherman [0036]; Office Action, p. 4).

Thus, in Sherman, chat tools become available to all group members and one group member does not control whether another group member is allowed to chat with the group member. Contrastingly, in claim 1, the request of the first user to become a contact of the potential contact includes a permission indicating that the potential user can only chat with the user, but not see user data of the first user. Since Sherman does not teach the features of “[a] second value [of a first permission setting of a request] indicates that only chats are allowed from the permitted user to the permitting user,” claim 1 and its dependent claims 2 and 6 are allowable over Sherman.

Claim 12, from which claim 17 depends, recites in part “receiving, from the user device of the user, a request for the user to become a contact with the potential contact, the request comprising a first permission setting, and the first permission setting being at least a first value indicating that a subset of user data of a permitting user is to be shared with a permitted user; sending, based on the request, a communication to the potential contact to initiate a data exchange.” Thus, a request, which includes the first permission is sent from the user to the potential contact.

The Examiner rejects these features based on “[0030] Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls.” (Office Action, p. 4). Applicant respectfully disagrees. Nowhere does Sherman teach a first permission that is included in a request from a user to a potential contact. Additionally, the cited passages of Sherman relate to joining a Group and permission of a Group, as contrasted with “a communication [that is based on a request from the user] to the potential contact to initiate a data exchange.”

Additionally, Sherman does not teach these features. Sherman describes that “USER1 and USER2 meet and wish to share their contact information. . . . USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request. USER1 offers the profile that he or she wants to share with USER2, and, by viewing the profile, USER2 can learn about USER1 and use this information to decide whether to accept or reject the invite.” (Sherman [0018]). Thus, the request from the user to the potential user does not include “the first permission” as claimed in claim 12.

Claim 21, from which claims 23-24 depend, is amended to recite in part “receiving instructions from the user to set the first profile as public and set the second profile as private” and “on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user; and on a condition that the selected profile is private, sharing the selected profile with the second user in response to the first

user accepting the request.” The amendment is supported at least by paragraph [0069] and now-canceled claim 32.

Sherman does not teach these features. Sherman describes that “the Group may have a private list, wherein a moderator can see all of the members, but the members cannot see each other” and “the Group membership may be open to the public . . . [such that] the Group may operate similar to the yellow pages, wherein an individual outside of the Group can search within the Group to find a member.” (Sherman [0031]-[0032]). However, that a group is public or private with respect to what users can find about other users within the group does not teach that a user can set a first profile of the user to public but set a second profile of the user to private.

Applicant accordingly requests that the rejection of claims 1-2, 6, 12, 17, 21, and 23-24 under 35 U.S.C. § 102 be reconsidered and withdrawn.

Rejections under 35 U.S.C. §103

Claims 3, 5, 8-11, 13-14, 18-20, and 25-39 are rejected under 35 U.S.C. § 103 as being unpatentable over Sherman in view of U.S. Application Publication No. 2010/0057481 to Fein et al. (“Fein”).

Claims 20, 31, and 39 are canceled. Their rejection is therefore moot.

Claims 3, 5, and 8-11 are dependent upon claim 1. As described above, Sherman does not teach or suggest the above-cited features of claim 1. Fein also does not teach or suggest those features of claim 1. Thus, claims 3, 5, and 8-11 are not obvious over Sherman, Fein, or any combination thereof.

Claims 13-14 and 18-19 are dependent upon claim 12. As described above, Sherman does not teach or suggest the above-cited features of claim 12. Fein also does not teach or suggest those features of claim 12. Thus, claims 13-14 and 18-19 are not obvious over Sherman, Fein, or any combination thereof.

Claim 25, from which claims 26-29 and 38-39 depend, is amended to recite in part “identifying, in response to enabling an interface component of a device of a user, potential nearby contacts, wherein identifying the potential nearby contacts comprises: in response to the user touching and holding the interface component, commencing detection of the potential

nearby contacts; continuing to search for one or more of the potential nearby contacts while the user is holding the interface component; and in response to the user releasing the interface component, stopping searching and identifying the potential nearby contacts.” The amendment is supported by at least paragraph [0053] of the Application as filed.

Sherman does not teach or suggest these features. Sherman describes that “USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system.” (Sherman [0018]). Thus, in Sherman, USER2 is not identified for USER1 using an interface component as claimed in amended claim 25.

Fein does not teach or suggest these features. Fein describes that “[i]n an operation 512, contacts are identified from the user information. For example, the user may provide a contact list of other users of geo-location contact service system 100. As another example, a dating service application may identify possible matches from the other users of geo-location contact service system 100 to identify the contacts.” However, Fein does not teach or suggest identifying contacts using “an interface component of a device” as claimed in amended claim 25.

Since Sherman describes identifying a user using the user's PIN and Fein merely describes that users are identified, the combination of Sherman with Fein does not teach or suggest at least the features of “identifying, in response to enabling an interface component of a device of a user, potential nearby contacts, wherein identifying the potential nearby contacts comprises: in response to the user touching and holding the interface component, commencing detection of the potential nearby contacts; continuing to search for one or more of the potential nearby contacts while the user is holding the interface component; and in response to the user releasing the interface component, stopping searching and identifying the potential nearby contacts.” Thus, claim 25 and its dependent claims 26-29 and 38-39 are not obvious over Sherman, Fein, or any combination thereof.

Claim 30 is amended to recite in part “identifying the second user as a potential contact for the first user based on proximity of the second user to the first user by: generating, on a device of the first user, a user interface display including a detection activation toggle function and a status indicator for an automatic mode; receiving a command from the user to activate the automatic mode; activating, in response to the command, the automatic mode, wherein the

command is one of a first command or a second command, wherein the first command indicates that the automatic mode is activated until the user deactivates the automatic mode, and wherein the second command indicates that the automatic mode is activated for a first period of time; sending a request to a network server to search for user devices while the automatic mode is activated to identify potential contacts in response to user interface with the detection activation toggle function; and identifying the second user as the potential contact”. The amendment is supported at least by previously presented claim 31 and paragraph [0055] of the Application as filed.

As the Examiner acknowledges, Sherman does not teach or suggest at least some of the features of claim 31. (Office Action, pp. 35-36). Thus, Sherman does not teach the amended features of claim 30.

Fein does not teach or suggest these features. Fein merely describes, for example, that “[i]nput interface 200 provides an interface for receiving information from the user for entry into user computing device 102 as known to those skilled in the art. Input interface 200 may interface with various input technologies including, but not limited to, a keyboard, a pen and touch screen, a mouse, a track ball, a touch screen, a keypad, one or more buttons, etc. to allow the user to enter information into user computing device 102 or to make selections presented in a user interface displayed using a display under control of geo-location contact service application 210.” However, the input interface 200 of Fein does not teach or suggest at least some of the amended features of claim 30. For example, Fein nowhere teaches or suggests a first command and a second command as recited in claim 30.

At least for these reasons, claim 30 is not obvious over Sherman, Fein, or any combination thereof.

Claim 22 is rejected under 35 U.S.C. § 103 as being unpatentable over Sherman in view of U.S. Application Publication No. 2014/0122220 to Bradley et al. (“Bradley”).

Claim 22 is dependent upon claim 21. As described above, Sherman and Fein do not teach or suggest the amended features of claim 22. Bradley also does not teach or suggest the amended features of claim 21. Thus, claim 22 is not obvious over Sherman, Fein, Bradley, or any combination thereof.

Applicant accordingly requests that the rejection of claims 3, 5, 8-11, 13-14, 18-20, 22, and 25-39 under 35 U.S.C. § 103 be reconsidered and withdrawn.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

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Electronic Acknowledgement Receipt

EFS ID:	40609133
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michael Paul Hayek/Mary Ellen Donovan
Filer Authorized By:	Michael Paul Hayek
Attorney Docket Number:	XCH-101-D
Receipt Date:	21-SEP-2020
Filing Date:	07-DEC-2018
Time Stamp:	08:18:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		XCH101D_Amd_20200819.pdf	109344	yes	16
			74123e675db0ab9746b20271de2ea9b7741774df		

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
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Claims	2	10	
Applicant Arguments/Remarks Made in an Amendment	11	16	

Warnings:

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DETAILED ACTION

Notice of Pre-AIA or AIA Status

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

This action is in response to the claim filed on March 28, 2019. Claims 21-22 are amended; claims 4, 7, and 15-16 are canceled; claims 29-39 are newly added; and claims 1-3, 5-6, 8-14, and 17-39 are pending and examined below.

Claim Rejections - 35 USC § 102

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

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a)(2) the claimed invention was described in a patent issued under section 151, or in an application for patent published or deemed published under section 122(b), in which the patent or application, as the case may be, names another inventor and was effectively filed before the effective filing date of the claimed invention.

Claims **1-2, 6, 12, 17, 21, and 23-24** are rejected under 35 U.S.C. 102(a)(2) as being anticipated by **Sherman et al. (U.S. 2015/0319157)**.

With regard to claim 1, Sherman teaches a method for data sharing between devices in a network **[abstract]**, the method comprising:

identifying, for a user associated with a user device, a potential contact, the user being associated with user data, and the potential contact being associated with contact data **([0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user, the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged);**

receiving, from the user device of the user, a request for the user to become a contact with the potential contact **([0017] When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018] In one example, as illustrated in FIG. 2, USER1 and USER2 meet and wish to share their contact information. To exchange their respective information, one of the users initiates the contact information exchange. For example, USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request), the request comprising a first**

permission setting, the first permission setting being at least a first value or a second value, the first value indicating that a subset of user data of a permitting user is to be shared with a permitted user ([0030] **Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group**), and the second value indicating that only chats are allowed from the permitted user to the permitting user ([0035]-[0036] **When a user becomes a member of a Group, communication tools may become available to the new member...The communication tools available may include the ability to broadcast a text to a Group, to start a group chat, or to email all members of the Group**);

sending, based on the request, a communication to the potential contact to initiate a data exchange (**Figs. 1-3; [abstract] transmits and synchronizes personal data records between users in a distributed network based on rule-based security controls; [0004] The disclosed system solves address book maintenance problems by facilitating the exchange of information and inverting the way address books currently function; [0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user**); and

in response to receiving, from the potential contact, an acceptance of the communication: setting the user as a contact of the potential contact, the subset of the user data being viewable to the potential contact in a case that the first permission setting being the first value **[[0017] the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018]; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list. USER1 will then receive a Notification about the connection being established and will receive USER2's information. If USER2 accepts, USER1's preselected information will be automatically downloaded into USER2's contact list. Each user can preselect which profiles and contact information to share); and**

setting the potential contact as a contact of the user **(Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list).**

With regard to claim 2, the limitations are addressed above and Sherman teaches further comprising:

receiving, from the user, a cancellation request of the request ([0018]-
[0019] **USER1 offers the profile that he or she wants to share with USER2, and, by viewing the profile, USER2 can learn about USER1 and use this information to decide whether to accept or reject the Invite...However, any user can reject any request for their contact information, in which case no information will be shared**); and

revoking the request such that the potential contact cannot accept the request ([0018]-[0019] **USER1 offers the profile that he or she wants to share with USER2, and, by viewing the profile, USER2 can learn about USER1 and use this information to decide whether to accept or reject the Invite...However, any user can reject any request for their contact information, in which case no information will be shared**).

With regard to claim 6, the limitations are addressed above and Sherman teaches wherein the acceptance of the communication is automatically generated ([0017] **When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0027]**).

With regard to claim 12, Sherman teaches a system for data sharing between devices in a network **[abstract]**, comprising:

a processor (**Fig. 6, 608**); and

a memory (**Fig. 6, 612**), the memory comprising computer-executable instructions that, when executed by the processor, perform operations comprising:

identifying, for a user associated with a user device, a potential contact, the user being associated with user data, and the potential contact being associated with contact data **([0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user, the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged);**

receiving, from the user device of the user, a request for the user to become a contact with the potential contact **([0017] When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018] In one example, as illustrated in FIG. 2, USER1 and USER2 meet and wish to share their contact information. To exchange their respective information, one of**

the users initiates the contact information exchange. For example, USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request), the request comprising a first permission setting, and the first permission setting being at least a first value indicating that a subset of user data of a permitting user is to be shared with a permitted user ([0030] Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group);

 sending, based on the request, a communication to the potential contact to initiate a data exchange **(Figs. 1-3; [abstract] transmits and synchronizes personal data records between users in a distributed network based on rule-based security controls; [0004] The disclosed system solves address book maintenance problems by facilitating the exchange of information and inverting the way address books currently function; [0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user); and**

in response to receiving an acceptance of the communication: setting the user as a contact of the potential contact, the subset of the user data being viewable to the potential contact in a case that the first permission setting being the first value **[0017] the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018]; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list. USER1 will then receive a Notification about the connection being established and will receive USER2's information. If USER2 accepts, USER1's preselected information will be automatically downloaded into USER2's contact list. Each user can preselect which profiles and contact information to share);** and

setting the potential contact as a contact of the user **(Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list).**

With regard to claim 17, the limitations are addressed above and Sherman teaches wherein the acceptance is automatically generated in a case that a

profile of the potential contact is a public profile ([0022] **In one embodiment, a subset of the above operation allows the user to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone who has downloaded its contact information, allowing for targeted advertising opportunities).**

With regard to claim 21, Sherman teaches a method for exchanging user data **[abstract]**, comprising:

receiving user data from a first user (**[abstract] a system that receives, stores and secures personal data records for users**);

creating, in response to first instructions from the first user, a first profile and a second profile (**Fig. 1; [0017] Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time; [0019] Each user can preselect which profiles and contact information to share**), wherein the first profile consists of a first subset of the user data and, wherein the second profile consists of a second subset of the user data (**[0030] Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example,**

some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group; [0035]-[0036] When a user becomes a member of a Group, communication tools may become available to the new member...The communication tools available may include the ability to broadcast a text to a Group, to start a group chat, or to email all members of the Group);

selecting, in response to second instructions from the first user, a selected profile from one of the first profile or the second profile, to share with a second user (Figs. 1-3; [abstract] transmits and synchronizes personal data records between users in a distributed network based on rule-based security controls; [0004] The disclosed system solves address book maintenance problems by facilitating the exchange of information and inverting the way address books currently function; [0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user; [0018] In one example, as illustrated in FIG. 2, USER1 and USER2 meet and wish to share their contact information. To exchange their respective information, one of the users initiates the contact information exchange. For example, USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request; [0030] Some options for Groups types are based on the desired connectivity between members.

For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group); and

in response to receiving a request from the second user, sharing the selected profile with the second user **(Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list).**

With regard to claim 23, the limitations are addressed above and Sherman teaches further comprising: modifying, by the first user, a datum of the selected profile; and automatically updating the second user of the modified datum **([0002]; [0015] First, two users exchange pivotal PIN information leading to establishment of a connection so that the users become mutual contacts. Second, the contacts selectively share their user profiles. Third, changes each user makes to his or her personal profile can automatically be pushed to the address book of those who have the user listed in their contacts; [0017] Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0020] Subsequently, any changes in the**

previously exchanged profiles are automatically updated to the recipients without any action from sender or receiver).

With regard to claim 24, the limitations are addressed above and Sherman teaches wherein the user data comprises at least one of a name **([0041] The interaction between the user and the system begins with creation of an account, wherein a user enters his or her first name, middle initial, and last name)**, a title, a company, an availability status, an account picture, a phone number, a mobile phone number, a mailing address **([0022] Transmitted information can include, but is not limited to, address, phone, fax, email; [0042] home address)**, an email address **([0022] Transmitted information can include, but is not limited to, address, phone, fax, email; [0041])**, a facsimile number, a social media link **([0020] This data trail helps remind the user which information was sent to whom and when. For example, if USER1 initially shares his or her work information with USER2 and, after a time, they become social friends, USER1 can recall the history of the initial data exchange and then proceed to send additional social and other personal contact information to USER2 without repeating what was already sent; [0042] social media identifiers)**, a website, a birthday, or an anniversary.

Claim Rejections - 35 USC § 103

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

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

A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims **3, 5, 8-11, 13-14, 18-20, and 25-39** are rejected under 35 U.S.C. 103 as being unpatentable over **Sherman et al. (U.S. 2015/0319157)** in view of **Fein et al. (U.S. 2010/0057481)**.

With regard to claim 3, the limitations are addressed above. However, Sherman does not specifically teach:

- *wherein identifying the potential contact comprising:
receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the
user device matches the first location*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein identifying the potential contact comprising: receiving, from the potential contact, a first location (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] A current geographic location of the identified contacts and the first user is identified based on the received user location information; [0024] In an operation 508, user location information is received. In an operation 510, the user location information is stored in cloud computing system 106);** and identifying the potential contact in a case that a second location of the user device matches the first location (**Fig. 5; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user).** Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a

system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 5, the limitations are addressed above and Sherman teaches wherein the first location is a first geolocation ([0046]; [0072] **The computing device 602 can be, for example, located in a user's home or other place of business**). However, Sherman does not specifically teach:

- *wherein the second location is a second geolocation that is within a predefined distance of the first geolocation*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein the second location is a second geolocation that is within a predefined distance of the first geolocation (Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] **The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user**). Therefore, it

would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 8, the limitations are addressed above and Sherman teaches wherein receiving, from the user device of the user, the request for the user to become a contact with the potential contact **([0017] When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018] In one example, as illustrated in FIG. 2, USER1 and USER2 meet and wish to share their contact information. To exchange their respective information, one of the users initiates the contact information exchange. For example, USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request)** comprises:

receiving a first location that is associated with the request **([0046]; [0072] The computing device 602 can be, for example, located in a user's home or other place of business); and**

wherein sending, based on the request, the communication to the potential contact to initiate the data exchange (**Figs. 1-3; [abstract] transmits and synchronizes personal data records between users in a distributed network based on rule-based security controls; [0004] The disclosed system solves address book maintenance problems by facilitating the exchange of information and inverting the way address books currently function; [0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user**) comprises:

sending the communication to the potential contact (**Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list**).

However, Sherman does not specifically teach:

- *subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second**

device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 9, the limitations are addressed above and Sherman teaches wherein the first location being a first geolocation of the user device **([0046]; [0072] The computing device 602 can be, for example, located in a user's home or other place of business).**

With regard to claim 10, the limitations are addressed above and Sherman teaches wherein the second location being a second geolocation of a device of

the potential contact (**[0046] Users can also search for other contacts by name and other information types such as...geographic location).**

With regard to claim 11, the limitations are addressed above. However, Sherman does not specifically teach:

- *wherein the first location matching the second location comprises the first location being within a predefined distance of the second location*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein the first location matching the second location comprises the first location being within a predefined distance of the second location (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user).** Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which

said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 13, the limitations are addressed above and Sherman teaches wherein identifying the potential contact comprises: receiving, from the potential contact, a first location **([0046]; [0072] The computing device 602 can be, for example, located in a user's home or other place of business).**

However, Sherman does not specifically teach:

- *identifying the potential contact in a case that a second location of the user device matches the first location*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also identifying the potential contact in a case that a second location of the user device matches the first location **(Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined.**

In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 14, the limitations are addressed above and Sherman teaches wherein the first location is an address **([0022] Transmitted information can include, but is not limited to, address, phone, fax, email; [0042] home address).** However, Sherman does not specifically teach:

- *wherein the second location is a geolocation that is proximate the first location*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein the second location is a geolocation that is proximate the first location **(Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is**

determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined.

In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 18, the system claim directly corresponds to the method claim 8, respectively, and therefore is rejected with the same rationale.

With regard to claim 19, the limitations are addressed above and Sherman teaches wherein the first location being a first geolocation of the user device **([0046]; [0072] The computing device 602 can be, for example, located in a user's home or other place of business).**

With regard to claim 20, Sherman teaches a method for data sharing between devices in a network **[abstract]**, comprising:

receiving, from a potential contact, a first location ([0046]; [0072] **The computing device 602 can be, for example, located in a user's home or other place of business**);

identifying, for the user, the potential contact ([0017] **More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user, the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged**);

receiving, from the user device, a request for the user to become a contact with the potential contact ([0017] **When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018] In one example, as illustrated in FIG. 2, USER1 and USER2 meet and wish to share their contact information. To exchange their respective information, one of the users initiates the contact information exchange. For example, USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request**), the request comprising a permission setting, the permission indicating whether a subset of user data of the

user can be viewed by the potential contact ([0030] **Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group);**

sending, based on the request, a communication to the potential contact to initiate a data exchange (**Figs. 1-3; [abstract] transmits and synchronizes personal data records between users in a distributed network based on rule-based security controls; [0004] The disclosed system solves address book maintenance problems by facilitating the exchange of information and inverting the way address books currently function; [0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user); and**

in response to receiving an acceptance of the communication: setting the user as a contact of the potential contact, the subset of the user data being viewable to the potential contact in accordance with the permission (**[0017] the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined**

profiles with their connections and update the shared profiles at any time.

Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018]; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list. USER1 will then receive a Notification about the connection being established and will receive USER2's information. If USER2 accepts, USER1's preselected information will be automatically downloaded into USER2's contact list. Each user can preselect which profiles and contact information to share); and

setting the potential contact as a contact of the user (Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list).

However, Sherman does not specifically teach:

- *in a case that a second location of a user device of a user matching the first location*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein the second location of a user device matches the first location **(Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020];**

[0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 25, Sherman teaches a method for exchanging user data **[abstract]**, comprising:

identifying, in response to enabling an interface component of a device of a user, potential contacts **([0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user, the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged);**

selecting a potential contact of the potential contacts **([0017] When an invite is sent and accepted, the invite can create a connection regardless of**

whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018] In one example, as illustrated in FIG. 2, USER1 and USER2 meet and wish to share their contact information. To exchange their respective information, one of the users initiates the contact information exchange. For example, USER1 initiates the data exchange and requests USER2's contact information by entering USER2's PIN into the system. USER1 is, therefore, sending an Invite Request, which is an outbound request);

in response to selecting the potential contact, sending a request to the potential contact to share at least a subset of user data of the user with the potential contact ([0030] **Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group); and**

in response to the potential contact accepting the request, setting the user as a contact of the potential contact (**Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically**

uploaded to USER1's contact list; [0017] the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time. Changes or updates to profiles can then be automatically synced to the address book of the connections; [0018]; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list. USER1 will then receive a Notification about the connection being established and will receive USER2's information. If USER2 accepts, USER1's preselected information will be automatically downloaded into USER2's contact list. Each user can preselect which profiles and contact information to share). However, Sherman does not specifically teach:

- *nearby contact*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches identifying potential nearby contacts (Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] **The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the**

current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user).

Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 26, the method claim corresponds to the method claim 2, respectively, and therefore is rejected with the same rationale.

With regard to claim 27, the method claim corresponds to the method claim 3, respectively, and therefore is rejected with the same rationale.

With regard to claim 28, the method claim corresponds to the method claim 5, respectively, and therefore is rejected with the same rationale.

With regard to claim 29, the limitations are addressed above. However, Sherman does not teach:

- *displaying, on the device of the user, a map including location markers indicative of locations of at least some contacts of the user*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches displaying, on the device of the user, a map including location markers indicative of locations of at least some contacts of the user **([0028] The notification may display the location of the users on a map, provide an address, etc. The request includes a request to indicate if the user would like to meet with one or more user of the one or more identified users. The request also may include proposed meeting locations that may be based on the geographic location of the user and the one or more other users and/or on the user profile information of the user; [0029] In an operation 626, the location updates are received from middleware system 104 until the users meet. For example, the location of the users may be displayed on a map to indicate their relative positions and may indicate an estimated arrival time for each user)**. Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic location markers taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 30, Sherman teaches a method of exchanging user data

[abstract], comprising:

receiving, from a first user, a first profile, wherein the first profile is set to as public **([0022] In one embodiment, a subset of the above operation allows the user to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone who has downloaded its contact information, allowing for targeted advertising opportunities);**

receiving, from a second user, a second profile, wherein the second profile is set as public **([0016] First, two users exchange pivotal PIN information leading to establishment of a connection so that the users become mutual contacts. Second, the contacts selectively share their user profiles. Third, changes each user makes to his or her personal profile can automatically be pushed to the address book of those who have the user listed in their contacts);**

identifying the second user as a potential contact for the first user **([0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user, the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can**

create a connection regardless of whether any contact information is exchanged);

in response to the first profile being public, the second profile being public:

sending the first profile to the second user **([abstract] transmits and synchronizes personal data records between users; [0016] the contacts selectively share their user profiles; [0030] Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group); and**

sending the second profile to the first user **([abstract] transmits and synchronizes personal data records between users; [0016] the contacts selectively share their user profiles; [0030] Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event)**

and then request access to the Group). However, Sherman does not specifically teach:

- *based on proximity of the second user to the first user;*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches identifying potential contacts based on proximity of the second user to the first user (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user**). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 31, the limitations are addressed above and Sherman teaches identifying the second user as the potential contact for the first user comprising:

 sending a request to a network server to search for user devices while the automatic mode is activated to identify potential contacts **([abstract] transmits and synchronizes personal data records between users; [0016] the contacts selectively share their user profiles; [0030] Some options for Groups types are based on the desired connectivity between members. For example, in some Groups, members will automatically connect to each other once they join a Group; [0033] The Groups may also have different access controls. For example, some Groups may have a moderator that determines whether or not a user can join the Group. Therefore, a user may find the Group (ex: the moderator announces the Group PIN at an event) and then request access to the Group; [0075]-[0076]); and**

 identifying the second user as the potential contact **([0017] More specifically, the first step involves users exchanging a unique PIN, whereby one user can then initiate an invite to a second user, the second user can be notified about the invite, and then the second user can accept or decline the invite. When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged).**

However, Sherman does not teach:

- *based proximity of the second user to the first user*

- *comprising generating, on a device of the first user, a user interface display including a detection activation toggle function and a status indicator for the automatic mode;*
- *sending a request...in response to user interface with the detection activation toggle function;*

Fein teaches identifying potential contacts based on proximity of the second user to the first user (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract]** **The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025]** In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Fein also teaches generating, on a device of the first user, a user interface display including a detection activation toggle function and a status indicator for the automatic mode (**[0014]** **Input interface 200 may interface with various input technologies including, but not limited to, a keyboard, a pen and touch screen, a mouse, a track ball, a touch screen, a keypad, one or more buttons, etc. to allow the user to enter information into user computing**

device 102 or to make selections presented in a user interface displayed using a display under control of geo-location contact service application 210. Input interface 104 may provide both an input and an output interface. For example, a touch screen both allows user input and presents output to the user); and sending a request...in response to user interface with the detection activation toggle function (Fig. 5, 522 and 524; [00134]-[0014] Input interface 200 may interface with various input technologies including, but not limited to, a keyboard, a pen and touch screen, a mouse, a track ball, a touch screen, a keypad, one or more buttons, etc. to allow the user to enter information into user computing device 102 or to make selections presented in a user interface displayed using a display under control of geo-location contact service application 210. Input interface 104 may provide both an input and an output interface. For example, a touch screen both allows user input and presents output to the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 32, the limitations are addressed above and Sherman teaches wherein sharing the selected profile with the second user comprising:

on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user **([0022] In one embodiment, a subset of the above operation allows the user to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone who has downloaded its contact information, allowing for targeted advertising opportunities); and**

on a condition that the selected profile is private, sharing the selected profile with the second user in response to the first user accepting the request **([0017] When an invite is sent and accepted, the invite can create a connection regardless of whether any contact information is exchanged. Users can subsequently share one or more user-defined profiles with their connections and update the shared profiles at any time; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list. USER1 will then receive a Notification about the connection being established and will receive USER2's information; [0031] Usually, members will be able to see all other members in a Group. However, in some embodiments, the Group may have a private list, wherein a moderator can see all of the members, but the members cannot see each other. One example of where this is helpful is**

where a doctor may wish to have patients join one Group in order to efficiently send a general message blast to the Group; [0043] For each profile, a security setting may be selected, allowing the user to determine which elements of the profile are available for site search (i.e., visible to other users who run a search and are not yet connected to the user) and for exchange with other users).

With regard to claim 33, the limitations are addressed above and Sherman teaches wherein sharing the selected profile with the second user comprising:

on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user **([0022] In one embodiment, a subset of the above operation allows the user to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone who has downloaded its contact information, allowing for targeted advertising opportunities);**

on a condition that the selected profile is private:

setting, in response to third instructions from the first user, the selected profile to public **([0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list.**

USER1 will then receive a Notification about the connection being established and will receive USER2's information. If USER2 accepts, USER1's preselected information will be automatically downloaded into USER2's contact list. Each user can preselect which profiles and contact information to share; [0022]); and

automatically sharing, without the explicit action by the first user, the selected profile with the second user ([0022] **In one embodiment, a subset of the above operation allows the user to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone who has downloaded its contact information, allowing for targeted advertising opportunities).**

With regard to claim 34, the limitations are addressed above. However, Sherman does not specifically teach:

- *identifying the second user in response to enabling a proximity sensor of the device of the first user*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches identifying the second user in response to enabling a proximity sensor of the device of the first user (Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] **The method**

includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 35, the method claim corresponds to the method claim 32, respectively, and therefore is rejected with the same rationale.

With regard to claim 36, the limitations are addressed above and Sherman teaches wherein the request from the second user comprises a request to exchange a third profile of the second user, the third profile being a public profile **([0022] In one embodiment, a subset of the above operation allows the user**

to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone who has downloaded its contact information, allowing for targeted advertising opportunities; [claim 6] accept a manual entry of a third user's contact information into the first user's address book),

wherein the request received from the second user is automatically initiated, without a second explicit action of the second user in response to the third profile being public **([claim 6] accept an acceptance of the invitation by the third user; activate the inactive account; accept an update to the third user's contact information by the third user; send an invitation to the first user to update the first user's manual entry of the third user's contact information; accept an acceptance of the invitation by the first user; and automatically update the third user's contact information in the first user's address book to reflect the third user's update).**

With regard to claim 37, the limitations are addressed above and Sherman teaches wherein in response to enabling the proximity sensor of the device of the first user comprising:

identifying a plurality of users, wherein the plurality of users includes the second user **([abstract] stores and secures personal data records for users**

and then transmits and synchronizes personal data records between users; [0054] profile updates for a plurality of users are consolidated into a single update notification; [claim 9] accept entries by a plurality of users of the group PIN, wherein each of the plurality of users has a profile and entry of the group PIN by the plurality of users results in the processing device connecting the plurality of users to the group); and

displaying a list of the plurality of users in a graphical user interface of the device of the first user (**Figs. 4-5**). However, Sherman does not specifically teach:

- *wherein the list of the plurality of users is sorted based on proximity of a respective device of each of the plurality of users to the device of the first user*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein the list of the plurality of users is sorted based on proximity of a respective device of each of the plurality of users to the device of the first user (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are**

within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 38, the limitations are addressed above and Sherman teaches wherein in response to the potential contact accepting the request, setting the user as the contact of the potential contact **(Figs. 3-4; [0019] If USER2 accepts the request, contact information selected by USER2 will be automatically uploaded to USER1's contact list)** comprising:

in response to a profile of the potential contact being a public profile, automatically accepting, without an explicit action by the contact, the request **([0022] In one embodiment, a subset of the above operation allows the user to download the contact information of a user, such as a business, professional service, or public institution, without the latter having to grant permission for the information download. This can be referred to as a "one-way" contact exchange. In this manner, the business, professional service, or institution can automatically transmit updated information to anyone**

who has downloaded its contact information, allowing for targeted advertising opportunities). However, Sherman does not specifically teach:

- *nearby contact*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches identifying potential nearby contacts (**Fig. 5, 520 and 524; Fig. 6, 606 and 612; [abstract]**

The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user).

Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

With regard to claim 39, the limitations are addressed above. However, Sherman does not specifically teach:

- *wherein the interface component comprises a proximity interface*

Fein teaches a system and method of providing notifications to users of a geographic proximity of another user [abstract]. Fein also teaches wherein the interface component comprises a proximity interface (**Fig. 5, 520 and 524; Fig.**

6, 606 and 612; [abstract] The method includes receiving user profile information for a first user and user location information for a plurality of users from a second device at a first device...The plurality of users includes the identified contacts and the first user. A distance between a contact of the identified contacts and the first user is determined; [0020]; [0024]-[0025] In an operation 514, the current geographic location of the identified contacts and the user is determined, and a distance between the user and the identified contacts is determined. In none of the contacts are within a notification distance, processing continues at operation 512 to update the contacts and continue to monitor the distances between the identified contacts and the user). Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the geographic locations taught by Fein, to have achieved a system and method of managing interactions between a plurality of users who may be potential contacts.

Claim **22** is rejected under 35 U.S.C. 103 as being unpatentable over **Sherman et al. (U.S. 2015/0319157)** in view of **Bradley et al. (U.S. 2014/0122220)**.

With regard to claim 22, the limitations are addressed above. However, Sherman does not teach:

- *displaying, on a device of the first user, a scan code corresponding to the selected profile; and*

- receiving the request in response to the scan code being scanned by a second device of the second user*

Bradley teaches a system and method of sharing content among users of an information acquisition system [abstract]. Bradley also teaches displaying, on a device of the first user, a scan code corresponding to the selected profile (**Fig. 5A; Fig. 7B; Figs. 12A-12B; Fig. 28; [0041]** The CTIS provides context-specific Reply Messages in response to Scan Messages, which are prepared in response to the registration of activity interest by the user, in order to supply information and/or advertising to the user. The CTIS generates Reply Messages by processing Scan Message content with user profile information, containing basic profiling data as well as a history of Scan Messages supplied by a given user; [0043] The user's profile, specific to the supplied user ID, is updated with the new Scan Message (i.e., it is added as a transaction to their profile transaction history) and queried (130) for information to use in the preparation of a Reply Message (140) that

is also based on the content of the current Scan Message. The server selects (135) the Ad content (see FIG. 7) of the Reply Message (145) from an Information Base and sends it to the user's mobile display device, which displays the pertinent content to the user (150); [0048]; [0135] The display further includes a plurality of tabs (769) allowing the user to view profile information, edit his or her profile, view photos, groups to which the user may belong, and/or edit settings, including sharing and/or privacy settings (772). Privacy settings may, for example, control access of other individuals to a user's personal information, code scanning activity, and/or the like. In some embodiments, certain information about a user, in particular regarding codes that a user has scanned and/or the content associated with those scans, may be shared with other users. For example, a user may be able to inquire, via a GCSI/CTIS affiliated system, as to what codes have been recently scanned by other users that are within a particular geographic radius of the user. In another example, a user scanning a code to receive a song may also be provided with information about the code scanning activities of other users whose codes also corresponded to songs); and receiving the request in response to the scan code being scanned by a second device of the second user ([0041] The CTIS provides context-specific Reply Messages in response to Scan Messages, which are prepared in response to the registration of activity interest by the user, in order to supply information and/or advertising to the user. The CTIS generates Reply Messages by processing Scan Message content with

user profile information, containing basic profiling data as well as a history of Scan Messages supplied by a given user; [0043] The user's profile, specific to the supplied user ID, is updated with the new Scan Message (i.e., it is added as a transaction to their profile transaction history) and queried (130) for information to use in the preparation of a Reply Message (140) that is also based on the content of the current Scan Message. The server selects (135) the Ad content (see FIG. 7) of the Reply Message (145) from an Information Base and sends it to the user's mobile display device, which displays the pertinent content to the user (150); [0048]; [0135] The display further includes a plurality of tabs (769) allowing the user to view profile information, edit his or her profile, view photos, groups to which the user may belong, and/or edit settings, including sharing and/or privacy settings (772). Privacy settings may, for example, control access of other individuals to a user's personal information, code scanning activity, and/or the like. In some embodiments, certain information about a user, in particular regarding codes that a user has scanned and/or the content associated with those scans, may be shared with other users. For example, a user may be able to inquire, via a GCSI/CTIS affiliated system, as to what codes have been recently scanned by other users that are within a particular geographic radius of the user. In another example, a user scanning a code to receive a song may also be provided with information about the code scanning activities of other users whose codes also corresponded to songs). Therefore, it would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains to have modified the system taught by Sherman, to have included the scan codes taught by Bradley, to have achieved an efficient system and method of managing interactions between a plurality of users who may be potential contacts.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDREA C. LEGGETT whose telephone number is (571)270-7700. The examiner can normally be reached on M-F 9am-5pm.

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, Abdullah Kawsar can be reached on 571-270-3169. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <https://ppair-my.uspto.gov/pair/PrivatePair>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANDREA C LEGGETT/
Primary Examiner, Art Unit 2171

<i>Notice of References Cited</i>	Application/Control No. 16/212,902		Applicant(s)/Patent Under Reexamination Czajka et al.	
	Examiner ANDREA C LEGGETT		Art Unit 2171	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20150319157-A1	11-2015	Sherman; Jonah	G06F16/1844	726/7
*	B	US-20140122220-A1	05-2014	BRADLEY; Nathaniel T.	G06Q30/0267	705/14.42
*	C	US-20100057481-A1	03-2010	Fein; Gene	G06Q30/02	705/1.1
	D					
	E					
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	G					
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	I					
	J					
	K					
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	N					
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*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Index of Claims</i> 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
	Examiner ANDREA C LEGGETT	Art Unit 2171

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

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	08/13/2020								
	1	✓								
	2	✓								
	3	✓								
	4	-								
	5	✓								
	6	✓								
	7	-								
	8	✓								
	9	✓								
	10	✓								
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	36	✓								
	37	✓								
	38	✓								
	39	✓								

<i>Search Notes</i> 	Application/Control No. 16/212,902	Applicant(s)/Patent Under Reexamination Czajka et al.
	Examiner ANDREA C LEGGETT	Art Unit 2171

CPC - Searched*		
Symbol	Date	Examiner
G06F 3/0484	08/13/2020	A.L.
G06F 3/0488	08/13/2020	A.L.
G06F 3/0482	08/13/2020	A.L.

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
EAST Search	08/13/2020	A.L.
NPL Search (attached)	08/13/2020	A.L.
Inventor Name Search (EAST)	08/13/2020	A.L.

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

/ANDREA C LEGGETT/ Primary Examiner, Art Unit 2171	
---	--



user chooses to share first or second profile with second user



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www.google.com/patents/US20130211944

System, method and computer program product for sharing a ...



In this manner, the first and second customers are authorized to use the item for ... website's network by signing up for an account to pay for shared transactions.

App. - Filed Oct 5, 2011 - Published Aug 15, 2013 - Zulfiqar N. Momin - Zulfiqar N.

Momin

[Overview](#) · [Related](#) · [Discuss](#)

www.google.com/patents/CA2708086A1?cl=en

System, method and computer program for sharing data among a

...

The present invention provides a computer implemented method of sharing data among a plurality of users, the method comprising: (a) enabling a first user to ...

App. - Filed Jun 22, 2010 - Published Dec 22, 2011 - Matthew G. Cox - Matthew G. Cox

[Overview](#) · [Related](#) · [Discuss](#)

www.google.com/patents/US20140298467

Multi-user universal serial bus (usb) key with customizable ...



A method, data storage device and computer program product for having multiple users share a single data storage device securely. A data storage device, such ...

App. - Filed Mar 29, 2013 - Published Oct 2, 2014 - Rohith K. Ashok - International

Business Machines Corporation

[Overview](#) · [Related](#) · [Discuss](#)

www.google.com/patents/US20100015975

Profile service for sharing rights-enabled mobile profiles



A system and method are provided for sharing rights-enabled user profiles ... In one embodiment, the user profile of the second user is presented to the first user ...

App. - Filed Jul 17, 2008 - Published Jan 21, 2010 - Alfredo C. Issa - Kota Enterprises, Llc

[Overview](#) · [Related](#) · [Discuss](#)

www.google.com/patents/US20120316941

System and method for indirect self-referral and reward sharing



A system and method of indirect self-referral and reward sharing is described for ... ad-hoc networking and profile matching to share shopping deals and rewards in ...

For example, first user has an item that second user wants to buy, or first user ... orientation, velocity, and date/time information if the user/member chooses to ...

App. - Filed May 30, 2012 - Published Dec 13, 2012 - Mehran Moshfeghi - Mehran Moshfeghi

[Overview](#) · [Related](#) · [Discuss](#)

www.google.com/patents/US20120216296

Shared content access platform apparatuses, methods and systems



The user may retrieve the second user specified privacy controls and may apply ...

The SCAP may then allow the first user access to the determined portion of the ...

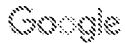
playlist management and sharing, license activation, account registration, ... However, in other implementations, when the user chooses to not beyondize, the ...

App. - Filed Sep 28, 2011 - Published Aug 23, 2012 - Adam Kidron - Adam Kidron

[Overview](#) · [Related](#) · [Discuss](#)

www.google.com/patents/US20100015976

System and method for sharing rights-enabled mobile profiles



user chooses to share first or second profile with second user



App. - Filed Jun 17, 2008 - Published Jan 21, 2010 - Alfredo C. Issa - Domingo

Enterprises, Llc

[Overview](#) · [Related](#) · [Discuss](#)www.google.com/patents/US20080195741

System and method for enabling wireless social networking



Exemplary systems and methods for sharing a personal network of a first user ... or more user devices of a second user are queued to receive the network profile. ... In other embodiments, the user chooses the correct software from a list and ...

App. - Filed Jun 27, 2007 - Published Aug 14, 2008 - Simon Wynn - Devicescape Software, Inc.

[Overview](#) · [Related](#) · [Discuss](#)www.google.com/patents/US8788585

Interactive experience sharing and evaluation system and ...



Users submit information in the form of journal entries about experiences they have ... users and communicate with one another regarding submitted experiences. ... and then choose to share certain elements with those pre-organized groups. ... a flowchart illustrating a website user profile page process, in an embodiment.

Grant - Filed Oct 4, 2011 - Issued Jul 22, 2014 - Alan McBrearty - Alpha Sun & Sport-- AS&S, LLC

[Overview](#) · [Related](#) · [Discuss](#)www.google.com/patents/US6944669

Sharing the personal information of a network user with the ...



A host-based system for sharing personal information of a network user with the resources accessed by that network user. The host-based system generally ...

Grant - Filed Oct 23, 2000 - Issued Sep 13, 2005 - Damian M. Saccocio - America Online, Inc.

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	27	(US-20140075075-\$ or US-20120197967-\$ or US-20100217614-\$ or US-20100088246-\$ or US-20100057481-\$ or US-20090307281-\$ or US-20070061567-\$ or US-20050091316-\$ or US-20050032527-\$ or US-20160088139-\$ or US-20140122605-\$ or US-20080189387-\$ or US-20180374028-\$ or US-20190354395-\$ or US-20150207800-\$ or US-20150319157-\$).did. or (US-9037645-\$ or US-8588386-\$ or US-7680513-\$ or US-7634509-\$ or US-7194419-\$ or US-6909910-\$ or US-6873841-\$ or US-6785367-\$ or US-6694353-\$ or US-5960411-\$ or US-8126759-\$).did.	US-PGPUB; USPAT	ADJ	ON	2020/08/14 10:44
L3	5	l2 and scan\$9	US-PGPUB; USPAT; USOCR	ADJ	ON	2020/08/14 10:45
L4	35	scan code same (share or shares or sharing) with profile with user	US-PGPUB; USPAT; USOCR	ADJ	ON	2020/08/14 10:46
S1	1	((("Czajka") near3 ("Ronald") near3 ("J") near3 ("II"))).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2019/12/23 10:55
S2	22	("20050032527" "20050091316" "20070061567" "20090307281" "20100057481" "20100088246" "20100217614" "20120197967" "20140075075" "5960411" "6694353" "6748402" "6785367" "6873841" "6909910" "7194419" "7606725" "7634509" "7680513" "8588386" "9037645").PN. OR ("10171985").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2019/12/23 10:56
S3	7	((("Attisha") near3 ("Sam") near3 ("B"))).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2019/12/23 10:58
S4	2	((("Ginko") near3 ("LLC"))).AS,AANM.	USPAT	ADJ	ON	2019/12/23 11:02
S5	5	("20080189387" "20140122605" "20140331318" "20160088139" "20160308685").PN. OR ("10397391").URPN.	US-PGPUB;	ADJ	ON	2019/12/23 11:02

			USPAT; USOCR			
S6	4,755	G06F 3/0484	US- PGPUB; USPAT; USOCR	ADJ	ON	2019/12/23 11:04
S7	6,950	G06F 3/0488	US- PGPUB; USPAT; USOCR	ADJ	ON	2019/12/23 11:04
S8	10,903	G06F 3/0482	US- PGPUB; USPAT; USOCR	ADJ	ON	2019/12/23 11:05
S9	9	(add or adding or adds) with contact with based with location with permission	US- PGPUB; USPAT; USOCR	ADJ	ON	2020/08/11 17:39
S10	1	("8126759").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2020/08/11 18:00
S11	20	("20050032527" "20050091316" "20070061567" "20090307281" "20100057481" "20100088246" "20100217614" "20140075075" "5960411" "6694353" "6748402" "6785367" "6873841" "6909910" "7194419" "7606725" "7634509" "7680513" "8588386" "9037645").PN.	US- PGPUB; USPAT	ADJ	ON	2020/08/12 11:00
S12	6	first profile same second profile same (share or shares or sharing or shared) with second user	US- PGPUB; USPAT; USOCR	ADJ	ON	2020/08/12 12:03
S13	11	choos\$9 with profile with (share or shares or sharing) with second user	US- PGPUB; USPAT; USOCR	ADJ	ON	2020/08/12 15:51

EAST Search History (Interference)

<This search history is empty>

8/14/2020 12:44:09 PM

C:\Users\alegett\Documents\EAST\Workspaces\16-212902.wsp

Bibliographic Data

Application No: 16/212,902

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☐ No ☐ Met After Allowance

Verified and Acknowledged: /ANDREA C LEGGETT/

Examiner's Signature

Initials

Title: METHOD AND APPARATUS FOR DATA SHARING

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/07/2018	715	2171	XCH-101-D
RULE			

APPLICANTS

Ginko LLC, West Bloomfield, MI,

INVENTORS

Ronald J. Czajka II, Brighton, MI, UNITED STATES

Sam B. Attisha, West Bloomfield, MI, UNITED STATES

CONTINUING DATA

This application is a CIP of 15217424 07/22/2016 PAT 10171985

15217424 has PRO of 62234246 09/29/2015

15217424 has PRO of 62195534 07/22/2015

FOREIGN APPLICATIONS

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12/31/2018

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PTO/SB/08a (02-18)

Doc description: Information Disclosure Statement (IDS) Filed

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2876
Examiner Name	Not Yet Assigned
Attorney Docket Number	XCH-101-D

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	1	9037645	B2	2015-05-19	Czajka et al.	
	2	7606725	B2	2009-10-20	Robertson et al.	
	3	6694353	B2	2004-02-17	Sommerer	
	4	7634509	B2	2009-12-15	Onyon et al.	
	5	7680513	B2	2010-03-16	Haitani et al.	
	6	7194419	B2	2007-03-20	Robertson et al.	
	7	6909910	B2	2005-06-21	Pappalardo et al.	
	8	6873841	B1	2005-03-29	Sagar	

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9	6785367	B2	2004-08-31	Horvath et al.
10	6748402	B1	2004-06-08	Reeves et al.
11	5960411		1999-09-28	Hartman et al.
12	8588386	B2	2013-11-19	Isaacson et al.

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	1	20090307281	A1	2009-12-10	McCarthy et al.	
	2	20050032527	A1	2005-02-10	Sheha et al.	
	3	20100217614	A1	2010-08-26	Brown et al.	
	4	20070061567	A1	2007-03-15	Day et al.	
	5	20100088246	A1	2010-04-08	Lim	

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Examiner Name	Not Yet Assigned
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6	20050091316	A1	2005-04-28	Ponce et al.
7	20100057481	A1	2010-03-04	Fein et al.
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	"SQL Profiles: Technical Overview" (Oracle, 5/2010), 5 pgs.	

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EXAMINER SIGNATURE

Examiner Signature	/ANDREA C LEGGETT/	Date Considered	08/12/2020
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(Not for submission under 37 CFR 1.99)

Application Number		16212902
Filing Date		2018-12-07
First Named Inventor	Ronald J. Czajka	
Art Unit		2876
Examiner Name	Not Yet Assigned	
Attorney Docket Number		XCH-101-D

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Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2876
Examiner Name	Not Yet Assigned
Attorney Docket Number	XCH-101-D

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michelle L. Knight/	Date (YYYY-MM-DD)	2019-10-11
Name/Print	Michelle L. Knight	Registration Number	47,711

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16212902
	Filing Date		2018-12-07
	First Named Inventor	Ronald J. Czajka	
	Art Unit	2876	
	Examiner Name	Not Yet Assigned	
	Attorney Docket Number	XCH-101-D	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	9037645	B2	2015-05-19	Czajka et al.	
	2	7606725	B2	2009-10-20	Robertson et al.	
	3	6694353	B2	2004-02-17	Sommerer	
	4	7634509	B2	2009-12-15	Onyon et al.	
	5	7680513	B2	2010-03-16	Haitani et al.	
	6	7194419	B2	2007-03-20	Robertson et al.	
	7	6909910	B2	2005-06-21	Pappalardo et al.	
	8	6873841	B1	2005-03-29	Sagar	

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2876
Examiner Name	Not Yet Assigned
Attorney Docket Number	XCH-101-D

9	6785367	B2	2004-08-31	Horvath et al.
10	6748402	B1	2004-06-08	Reeves et al.
11	5960411		1999-09-28	Hartman et al.
12	8588386	B2	2013-11-19	Isaacson et al.

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

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20090307281	A1	2009-12-10	McCarthy et al.	
	2	20050032527	A1	2005-02-10	Sheha et al.	
	3	20100217614	A1	2010-08-26	Brown et al.	
	4	20070061567	A1	2007-03-15	Day et al.	
	5	20100088246	A1	2010-04-08	Lim	

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2876
Examiner Name	Not Yet Assigned
Attorney Docket Number	XCH-101-D

6	20050091316	A1	2005-04-28	Ponce et al.
7	20100057481	A1	2010-03-04	Fein et al.
8	20140075075	A1	2014-03-13	Morrill et al.

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

FOREIGN PATENT DOCUMENTS

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

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

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	"SQL Profiles: Technical Overview" (Oracle, 5/2010), 5 pgs.	

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

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

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2876
Examiner Name	Not Yet Assigned
Attorney Docket Number	XCH-101-D

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

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

Application Number	16212902
Filing Date	2018-12-07
First Named Inventor	Ronald J. Czajka
Art Unit	2876
Examiner Name	Not Yet Assigned
Attorney Docket Number	XCH-101-D

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michelle L. Knight/	Date (YYYY-MM-DD)	2019-10-11
Name/Print	Michelle L. Knight	Registration Number	47,711

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	37430240
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michelle L. Knight/Krystine Hugo
Filer Authorized By:	Michelle L. Knight
Attorney Docket Number:	XCH-101-D
Receipt Date:	11-OCT-2019
Filing Date:	07-DEC-2018
Time Stamp:	09:50:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	XCH101D_IDS.pdf	1034945	no	6
			9ddd69e49012d16dab60f3b69685e0671231b13d		

Warnings:

APPLE

EXHIBIT 1003 - 0137

Information:					
2	Non Patent Literature	NPL_SQL_Profiles.pdf	208336	no	5
			8023f2db6b4cfe00d43c0901911c269a8befab2c		
Warnings:					
Information:					
Total Files Size (in bytes):				1243281	
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. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D

CONFIRMATION NO. 7450

POA ACCEPTANCE LETTER



48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Date Mailed: 04/03/2019

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/29/2019.

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

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/agizaw/

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:

48980

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 assignments 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:

48980

OR

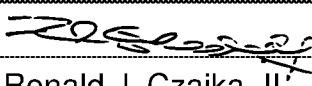
☐	Firm or Individual Name			
	Address			
	City		State	Zip
	Country			
	Telephone		Email	

Assignee Name and Address: **Ginko LLC**
P.O. Box 250575
West Bloomfield, Michigan 48325

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	March 7, 2017
Name	Ronald J. Czajka, II	Telephone	734-718-7578
Title	Principal, Ginko LLC		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	35568263
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michelle L. Knight/Mary Ellen Donovan
Filer Authorized By:	Michelle L. Knight
Attorney Docket Number:	XCH-101-D
Receipt Date:	29-MAR-2019
Filing Date:	07-DEC-2018
Time Stamp:	10:06:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XCH101D_TransmittalPOA.PDF	196688	no	1
			9164dd31d995c0879379cb1788e35978df92740b		

Warnings:

APPLE

EXHIBIT 1003 - 0142

Information:					
2	Power of Attorney	ExecutedPOA_Ginko.PDF	63996	no	2
			0ff3dde8b9a7c19707ed3451afc0776012760cb		
Warnings:					
Information:					
Total Files Size (in bytes):			260684		
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. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					

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.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	16/212,902
		Filing Date	December 7, 2018
		First Named Inventor	Ronald J. Czajka
		Art Unit	2876
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	XCH-101-D

ENCLOSURES (Check all that apply)		
☐ Fee Transmittal Form ☐ Fee Attached ☐ Amendment/Reply ☐ After Final ☐ Affidavits/declaration(s) ☐ Extension of Time Request ☐ Express Abandonment Request ☐ Information Disclosure Statement ☐ Certified Copy of Priority Document(s) ☐ Reply to Missing Parts/ Incomplete Application ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53	☐ Drawing(s) ☐ Licensing-related Papers ☐ Petition ☐ Petition to Convert to a Provisional Application ☒ Power of Attorney, Revocation Change of Correspondence Address ☐ Terminal Disclaimer ☐ Request for Refund ☐ CD, Number of CD(s) _____ ☐ Landscape Table on CD	☐ After Allowance Communication to TC ☐ Appeal Communication to Board of Appeals and Interferences ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) ☐ Proprietary Information ☐ Status Letter ☐ Other Enclosure(s) (please Identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	YOUNG BASILE HANLON & MACFARLANE, P.C.		
Signature	/Michelle L. Knight/		
Printed name	Michelle L. Knight		
Date	March 29, 2019	Reg. No.	47,711

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 16/212,902	Filing Date 12/07/2018	☐ To be Mailed
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ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE (\$)	FEE (\$)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	x \$50 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	x \$230 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED - PART II

	(Column 1)		(Column 2)	(Column 3)	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	03/28/2019		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total (37 CFR 1.16(i))	*	35	Minus	** 27	= 8
	Independent (37 CFR 1.16(h))	*	6	Minus	*** 5	= 1
	☐ Application Size Fee (37 CFR 1.16(s))					
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE						630
AMENDMENT			CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total (37 CFR 1.16(i))	*		Minus	**	=
	Independent (37 CFR 1.16(h))	*		Minus	***	=
	☐ Application Size Fee (37 CFR 1.16(s))					
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE						
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.						LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/PAULA D MCCRAY STANLEY/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".						
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.						

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ginko LLC
First Named Inventor: Ronald J. Czajka
Serial Number: 16/212,902
Filing Date: December 07, 2018
Examiner/Art Unit: VU, KIEU D / 2173 Conf. No. 7450
Title: METHOD AND APPARATUS FOR DATA SHARING

PRELIMINARY AMENDMENT

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

Sir/Madam:

If any charges or fees must be paid in connection with this communication, they may be paid out of our Deposit Account No. 25-0115.

Before examination and the payment of fees in the subject application, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

- ☐ Amendments to the Abstract.
- ☐ Amendments to the Specification.
- ☒ Amendments to the Claims.
- ☐ Amendments to the Drawings

Electronic Patent Application Fee Transmittal

Application Number:	16212902			
Filing Date:	07-Dec-2018			
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING			
First Named Inventor/Applicant Name:	Ronald J. Czajka			
Filer:	Michael Paul Hayek/Mary Ellen Donovan			
Attorney Docket Number:	XCH-101-D			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
CLAIMS IN EXCESS OF 20	2202	8	50	400
INDEPENDENT CLAIMS IN EXCESS OF 3	2201	1	230	230
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				630

Electronic Acknowledgement Receipt

EFS ID:	35554704
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michael Paul Hayek/Mary Ellen Donovan
Filer Authorized By:	Michael Paul Hayek
Attorney Docket Number:	XCH-101-D
Receipt Date:	28-MAR-2019
Filing Date:	07-DEC-2018
Time Stamp:	10:48:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$630
RAM confirmation Number	032819INTEFSW00012025250115
Deposit Account	250115
Authorized User	Mary Ellen Donovan

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

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

APPLE

EXHIBIT 1003 - 0149

37 CFR 1.19 (Document supply fees)
 37 CFR 1.20 (Post Issuance fees)
 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		XCH101D_PreliminaryAmd_20190328.pdf	68305	yes	12
			19b31e9ef64b4a9094d15b6a35014a3361b00ea4		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Applicant Arguments/Remarks Made in an Amendment		11	12	
	Claims		2	10	
	Preliminary Amendment		1	1	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32042	no	2
			2627d82de76efd9bbf3aef6d7a2137cb2f8e309a		
Warnings:					
Information:					
Total Files Size (in bytes):			100347		

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

REMARKS

Prior to substantive examination of the above noted application, please enter the amendments as provided herein.

Claim Status

Applicant amends claims 21 and 22 and cancels claims 4, 7, 15, and 16 without prejudice or disclaimer and adds claims 29–39. After entry of this Amendment, claims 1–3, 5, 6, 8–14, and 17–39 are pending in the Application for substantive examination.

In the preliminary amendment filed on February 25, 2019, Applicant paid for 7 claims in excess of 20 claims, whereas the preliminary amendment actually included only 4 claims in excess of 20 claims. As such, Applicant has overpaid for 3 extra claims. This instant preliminary amendment includes a total of 35 claims. That is, this instant preliminary amendment includes 15 claims in excess of 20. As Applicant has already paid for 7 claims in excess of 20, Applicant remits with this instant preliminary amendment fees for 8 claims.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE, P.C.

/Michael P. Hayek /

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Listing of the Claims:

1. (Original) A method for data sharing between devices in a network, the method comprising:
 - identifying, for a user associated with a user device, a potential contact,
 - the user being associated with user data, and
 - the potential contact being associated with contact data;
 - receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
 - the request comprising a first permission setting,
 - the first permission setting being at least a first value or a second value,
 - the first value indicating that a subset of user data of a permitting user is to be shared with a permitted user, and
 - the second value indicating that only chats are allowed from the permitted user to the permitting user;
 - sending, based on the request, a communication to the potential contact to initiate a data exchange; and
 - in response to receiving, from the potential contact, an acceptance of the communication:
 - setting the user as a contact of the potential contact,
 - the subset of the user data being viewable to the potential contact in a case that the first permission setting being the first value; and
 - setting the potential contact as a contact of the user.
2. (Original) The method of claim 1, further comprising:
 - receiving, from the user, a cancellation request of the request; and
 - revoking the request such that the potential contact cannot accept the request.
3. (Original) The method of claim 1, wherein identifying the potential contact comprising:
 - receiving, from the potential contact, a first location; and

identifying the potential contact in a case that a second location of the user device matches the first location.

4. (Canceled).

5. (Original) The method of claim 3,
wherein the first location is a first geolocation, and
wherein the second location is a second geolocation that is within a predefined distance of the first geolocation.

6. (Original) The method of claim 1, wherein the acceptance of the communication is automatically generated.

7. (Canceled).

8. (Original) The method of claim 1,
wherein receiving, from the user device of the user, the request for the user to become a contact with the potential contact, comprises:

receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact.

9. (Original) The method of claim 8, wherein the first location being a first geolocation of the user device.

10. (Original) The method of claim 8, wherein the second location being a second geolocation of a device of the potential contact.

11. (Original) The method of claim 8, wherein the first location matching the second location comprises the first location being within a predefined distance of the second location.

12. (Original) A system for data sharing between devices in a network, comprising:
a processor; and
a memory, the memory comprising computer-executable instructions that, when executed by the processor, perform operations comprising:

- identifying, for a user associated with a user device, a potential contact,
 - the user being associated with user data, and
 - the potential contact being associated with contact data;
- receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
 - the request comprising a first permission setting, and
 - the first permission setting being at least a first value indicating that a subset of user data of a permitting user is to be shared with a permitted user;
- sending, based on the request, a communication to the potential contact to initiate a data exchange; and
- in response to receiving an acceptance of the communication:
 - setting the user as a contact of the potential contact,
 - the subset of the user data being viewable to the potential contact
 - in a case that the first permission setting being the first value; and
 - setting the potential contact as a contact of the user.

13. (Original) The system of claim 12, wherein identifying the potential contact comprises:
receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the user device matches the first location.

14. (Original) The system of claim 13,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.

15-16. (Canceled).

17. (Original) The system of claim 12, wherein the acceptance is automatically generated
in a case that a profile of the potential contact is a public profile.

18. (Original) The system of claim 12,
wherein receiving, from the user device of the user, the request for the user to become a
contact with the potential contact, comprises:

receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to
initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to
the potential contact on a condition that the first location matching a second location
associated with the potential contact.

19. (Original) The system of claim 18, wherein the first location being a first geolocation
of the user device.

20. (Original) A method for data sharing between devices in a network, comprising:
receiving, from a potential contact, a first location;

in a case that a second location of a user device of a user matching the first location:

identifying, for the user, the potential contact;

receiving, from the user device, a request for the user to become a contact with
the potential contact,

the request comprising a permission setting, the permission indicating
whether a subset of user data of the user can be viewed by the potential contact;

sending, based on the request, a communication to the potential contact to initiate a data exchange; and

in response to receiving an acceptance of the communication:

setting the user as a contact of the potential contact,

the subset of the user data being viewable to the potential contact in accordance with the permission; and

setting the potential contact as a contact of the user.

21. (Currently amended) A method for exchanging user data, comprising:
receiving user data from a first user;
creating, ~~by~~ in response to first instructions from the first user, a first profile and a second profile,

wherein the first profile consists of a first subset of the user data and,

wherein the second profile consists of a second subset of the user data;

selecting, ~~by~~ in response to second instructions from the first user, a selected profile from one of the first profile or the second profile, to share with a second user; and

in response to receiving, ~~at a device of the first user,~~ a request from the second user, sharing the selected profile with the second user.

22. (Currently amended) The method of claim 21, wherein receiving, ~~at the device of the first user,~~ the request from the second user comprising:

displaying, on ~~the~~ a device of the first user, a scan code corresponding to the selected profile; and

receiving the request in response to the scan code being scanned by a second device of the second user.

23. (Previously presented) The method of claim 21, further comprising:

modifying, by the first user, a datum of the selected profile; and

automatically updating the second user of the modified datum.

24. (Previously presented) The method of claim 21, wherein the user data comprises at least one of a name, a title, a company, an availability status, an account picture, a phone number, a mobile phone number, a mailing address, an email address, a facsimile number, a social media link, a website, a birthday, or an anniversary.

25. (Previously presented) A method for exchanging user data, comprising:
identifying, in response to enabling an interface component of a device of a user, potential nearby contacts;
selecting a potential nearby contact of the potential nearby contacts;
in response to selecting the potential nearby contact, sending a request to the potential nearby contact to share at least a subset of user data of the user with the potential nearby contact;
and
in response to the potential nearby contact accepting the request, setting the user as a contact of the potential nearby contact.

26. (Previously presented) The method of claim 25, further comprising:
receiving, from the user, a cancellation request of the request; and
revoking the request so that the potential nearby contact cannot accept the request.

27. (Previously presented) The method of claim 25, wherein selecting the potential nearby contact of the potential nearby contacts comprising:
receiving, from the potential nearby contact, a first location; and
identifying the potential nearby contact in a case that a second location of the device of the user matching the first location.

28. (Previously presented) The method of claim 27,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.

29. (New) The method of claim 25, further comprising:

displaying, on the device of the user, a map including location markers indicative of locations of at least some contacts of the user.

30. (New) A method of exchanging user data, comprising:
receiving, from a first user, a first profile, wherein the first profile is set to as public;
receiving, from a second user, a second profile, wherein the second profile is set as public;
identifying the second user as a potential contact for the first user based on proximity of the second user to the first user;
in response to the first profile being public, the second profile being public, and the proximity of the second user to the first user:
sending the first profile to the second user; and
sending the second profile to the first user.

31. (New) The method of claim 30, identifying the second user as the potential contact for the first user based proximity of the second user to the first user comprising:
generating, on a device of the first user, a user interface display including a detection activation toggle function and a status indicator for the automatic mode;
sending a request to a network server to search for user devices while the automatic mode is activated to identify potential contacts in response to user interface with the detection activation toggle function; and
identifying the second user as the potential contact.

32. (New) The method of claim 21, wherein sharing the selected profile with the second user comprising:
on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user; and
on a condition that the selected profile is private, sharing the selected profile with the second user in response to the first user accepting the request.

33. (New) The method of claim 21, wherein sharing the selected profile with the second user comprising:

on a condition that the selected profile is public, automatically sharing, without an explicit action by the first user, the selected profile with the second user;

on a condition that the selected profile is private:

setting, in response to third instructions from the first user, the selected profile to public;

and

automatically sharing, without the explicit action by the first user, the selected profile with the second user.

34. (New) The method of claim 21, further comprising:

identifying the second user in response to enabling a proximity sensor of the device of the first user.

35. (New) The method of claim 34,

wherein the selected profile is a public profile, and

wherein sharing the selected profile with the second user comprising:

automatically sharing, without a first explicit action by the first user, the selected profile with the second user.

36. (New) The method of claim 34,

wherein the request from the second user comprises a request to exchange a third profile of the second user, the third profile being a public profile,

wherein the request received from the second user is automatically initiated, without a second explicit action of the second user in response to the third profile being public.

37. (New) The method of claim 34, wherein in response to enabling the proximity sensor of the device of the first user comprising:

identifying a plurality of users, wherein the plurality of users includes the second user;

and

displaying a list of the plurality of users in a graphical user interface of the device of the first user, wherein the list of the plurality of users is sorted based on proximity of a respective device of each of the plurality of users to the device of the first user.

38. (New) The method of claim 25, wherein in response to the potential nearby contact accepting the request, setting the user as the contact of the potential nearby contact comprising:
in response to a profile of the potential nearby contact being a public profile,
automatically accepting, without an explicit action by the nearby contact, the request.

39. (New) The method of claim 25, wherein the interface component comprises a proximity interface.



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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
16/212,902	12/07/2018	2173	1595	XCH-101-D	20	3

48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

CONFIRMATION NO. 7450
CORRECTED FILING RECEIPT



Date Mailed: 02/28/2019

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Inventor(s)

Ronald J. Czajka II, Brighton, MI;
Sam B. Attisha, West Bloomfield, MI;

Applicant(s)

Ginko LLC, West Bloomfield, MI;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CIP of 15/217,424 07/22/2016 PAT 10171985
which claims benefit of 62/195,534 07/22/2015
and claims benefit of 62/234,246 09/29/2015

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: 12/31/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/212,902**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

METHOD AND APPARATUS FOR DATA SHARING

Preliminary Class

715

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

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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
16/212,902	12/07/2018	2876	785	XCH-101-D	20	3

CONFIRMATION NO. 7450

FILING RECEIPT



48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Date Mailed: 01/02/2019

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Inventor(s)

Ronald J. Czajka II, Brighton, MI;
Sam B. Attisha, West Bloomfield, MI;

Applicant(s)

Ginko LLC, West Bloomfield, MI; which claims the benefit of 62/195,534 filed July 22, 2015 and 62/234,246 filed September 29, 2015

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CIP of 15/217,424 07/22/2016 PAT 10171985

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.

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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: 12/31/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/212,902**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

METHOD AND APPARATUS FOR DATA SHARING

Preliminary Class

235

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

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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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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ginko LLC
First Named Inventor: Ronald J. Czajka
Serial Number: 16/212,902
Filing Date: December 07, 2018
Examiner/Art Unit: VU, KIEU D / 2173 Conf. No. 7450
Title: METHOD AND APPARATUS FOR DATA SHARING

PRELIMINARY AMENDMENT

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

Sir/Madam:

If any charges or fees must be paid in connection with this communication, they may be paid out of our Deposit Account No. 25-0115.

Before examination and the payment of fees in the subject application, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

- ☐ Amendments to the Abstract.
- ☐ Amendments to the Specification.
- ☒ Amendments to the Claims.
- ☐ Amendments to the Drawings

Listing of the Claims:

1. (Original) A method for data sharing between devices in a network, the method comprising:
 - identifying, for a user associated with a user device, a potential contact,
 - the user being associated with user data, and
 - the potential contact being associated with contact data;
 - receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
 - the request comprising a first permission setting,
 - the first permission setting being at least a first value or a second value,
 - the first value indicating that a subset of user data of a permitting user is to be shared with a permitted user, and
 - the second value indicating that only chats are allowed from the permitted user to the permitting user;
 - sending, based on the request, a communication to the potential contact to initiate a data exchange; and
 - in response to receiving, from the potential contact, an acceptance of the communication:
 - setting the user as a contact of the potential contact,
 - the subset of the user data being viewable to the potential contact in a case that the first permission setting being the first value; and
 - setting the potential contact as a contact of the user.
2. (Original) The method of claim 1, further comprising:
 - receiving, from the user, a cancellation request of the request; and
 - revoking the request such that the potential contact cannot accept the request.
3. (Original) The method of claim 1, wherein identifying the potential contact comprising:
 - receiving, from the potential contact, a first location; and

identifying the potential contact in a case that a second location of the user device matches the first location.

4. (Canceled).

5. (Original) The method of claim 3,
wherein the first location is a first geolocation, and
wherein the second location is a second geolocation that is within a predefined distance of the first geolocation.

6. (Original) The method of claim 1, wherein the acceptance of the communication is automatically generated.

7. (Canceled).

8. (Original) The method of claim 1,
wherein receiving, from the user device of the user, the request for the user to become a contact with the potential contact, comprises:

receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact.

9. (Original) The method of claim 8, wherein the first location being a first geolocation of the user device.

10. (Original) The method of claim 8, wherein the second location being a second geolocation of a device of the potential contact.

11. (Original) The method of claim 8, wherein the first location matching the second location comprises the first location being within a predefined distance of the second location.

12. (Original) A system for data sharing between devices in a network, comprising:
a processor; and
a memory, the memory comprising computer-executable instructions that, when executed by the processor, perform operations comprising:

- identifying, for a user associated with a user device, a potential contact,
 - the user being associated with user data, and
 - the potential contact being associated with contact data;
- receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
 - the request comprising a first permission setting, and
 - the first permission setting being at least a first value indicating that a subset of user data of a permitting user is to be shared with a permitted user;
- sending, based on the request, a communication to the potential contact to initiate a data exchange; and
- in response to receiving an acceptance of the communication:
 - setting the user as a contact of the potential contact,
 - the subset of the user data being viewable to the potential contact
 - in a case that the first permission setting being the first value; and
 - setting the potential contact as a contact of the user.

13. (Original) The system of claim 12, wherein identifying the potential contact comprises:
receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the user device matches the first location.

14. (Original) The system of claim 13,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.

15-16. (Canceled).

17. (Original) The system of claim 12, wherein the acceptance is automatically generated
in a case that a profile of the potential contact is a public profile.

18. (Original) The system of claim 12,
wherein receiving, from the user device of the user, the request for the user to become a
contact with the potential contact, comprises:

receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to
initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to
the potential contact on a condition that the first location matching a second location
associated with the potential contact.

19. (Original) The system of claim 18, wherein the first location being a first geolocation
of the user device.

20. (Original) A method for data sharing between devices in a network, comprising:
receiving, from a potential contact, a first location;

in a case that a second location of a user device of a user matching the first location:

identifying, for the user, the potential contact;

receiving, from the user device, a request for the user to become a contact with
the potential contact,

the request comprising a permission setting, the permission indicating
whether a subset of user data of the user can be viewed by the potential contact;

sending, based on the request, a communication to the potential contact to initiate a data exchange; and

in response to receiving an acceptance of the communication:

setting the user as a contact of the potential contact,

the subset of the user data being viewable to the potential contact in accordance with the permission; and

setting the potential contact as a contact of the user.

21. (New) A method for exchanging user data, comprising:
receiving user data from a first user;
creating, by the first user, a first profile and a second profile,
wherein the first profile consists of a first subset of the user data and,
wherein the second profile consists of a second subset of the user data;
selecting, by the first user, a selected profile from one of the first profile or the second profile, to share with a second user; and
in response to receiving, at a device of the first user, a request from the second user, sharing the selected profile with the second user.

22. (New) The method of claim 21, wherein receiving, at the device of the first user, the request from the second user comprising:
displaying, on the device of the first user, a scan code corresponding to the selected profile; and
receiving the request in response to the scan code being scanned by a second device of the second user.

23. (New) The method of claim 21, further comprising:
identifying the second user in response to enabling a proximity sensor of the device of the first user.

24. (New) The method of claim 21, further comprising:

modifying, by the first user, a datum of the selected profile; and
automatically updating the second user of the modified datum.

25. (New) The method of claim 21, wherein the user data comprises at least one of a name, a title, a company, an availability status, an account picture, a phone number, a mobile phone number, a mailing address, an email address, a facsimile number, a social media link, a website, a birthday, or an anniversary.

26. (New) A method for exchanging user data, comprising:
identifying, in response to enabling an interface component of a device of a user, potential nearby contacts;
selecting a potential nearby contact of the potential nearby contacts;
in response to selecting the potential nearby contact, sending a request to the potential nearby contact to share at least a subset of user data of the user with the potential nearby contact;
and
in response to the potential nearby contact accepting the request, setting the user as a contact of the potential nearby contact.

27. (New) The method of claim 26, wherein the interface component comprises a proximity interface.

28. (New) The method of claim 26, further comprising:
receiving, from the user, a cancellation request of the request; and
revoking the request so that the potential nearby contact cannot accept the request.

29. (New) The method of claim 26, wherein selecting the potential nearby contact of the potential nearby contacts comprising:
receiving, from the potential nearby contact, a first location; and
identifying the potential nearby contact in a case that a second location of the device of the user matching the first location.

30. (New) The method of claim 29,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.

31. (New) The method of claim 26, further comprising:
displaying, on the device of the user, a map including location markers indicative of
locations of at least some contacts of the user.

REMARKS

Prior to substantive examination of the above noted application, please enter the amendments as provided herein.

Amendments to the Claims

Applicant cancels claims 4, 7, 15, and 16 without prejudice or disclaimer and adds claims 21–31. After entry of this Amendment, claims 1–3, 5, 6, 8–14, and 17–31 are pending in the Application for substantive examination.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE, P.C.

/Michael P. Hayek /

Michael P. Hayek
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3001 West Big Beaver Road, Ste. 624
Troy, Michigan 48084-3107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ginko LLC
First Named Inventor: Ronald J. Czajka II
Serial Number: 16/212,902
Filing Date: December 7, 2018
Examiner/Art Unit: Unknown/2876 Conf. No. 7450
Title: Method And Apparatus For Data Sharing

REQUEST FOR CORRECTED FILING RECEIPT

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

Dear Sirs:

In response to the Filing Receipt mailed January 2, 2019, Applicants' attorney hereby requests a correction to the Official Filing Receipt as indicated in the attached documents. The correction indicates that this application is a continuation-in-part of U.S. Application No. 15/217,424, filed July 22, 2016, which claims the benefit of U.S. Provisional Application Nos. 62/195,534, filed July 22, 2015, and 62/234,246, filed September 29, 2015.

A copy of the marked Filing Receipt indicating the correction is attached herewith. Applicant also submits a copy of the Corrected Application Data Sheet reflecting the correction.

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 25-0115.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE P.C.

/Michael P. Hayek/

Michael P. Hayek
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(248) 649-3333
(248) 649-3338 Fax
3001 West Big Beaver Rd., Suite 624
Troy, Michigan 48084-3107

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1						
Legal Name						
Prefix	Given Name	Middle Name		Family Name		Suffix
	Ronald	J.		Czajka		II
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Brighton	State/Province	MI	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		c/o Ginko LLC				
Address 2		PO Box 250575				
City	West Bloomfield			State/Province	MI	
Postal Code	48325		Country	US		
Inventor 2						
Legal Name						
Prefix	Given Name	Middle Name		Family Name		Suffix
	Sam	B.		Attisha		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	West Bloomfield	State/Province	MI	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		c/o Ginko LLC				
Address 2		PO Box 250575				
City	West Bloomfield			State/Province	MI	
Postal Code	48325		Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.						
						

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

☐ An Address is being provided for the correspondence information of this application.

Customer Number	48980		
Email Address	docketing@youngbasile.com	Add Email	Remove Email

Application Information:

Title of the Invention	METHOD AND APPARATUS FOR DATA SHARING		
Attorney Docket Number	XCH-101-D	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	14	Suggested Figure for Publication (if any)	3

Filing By Reference:

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

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

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

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☒ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	48980		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 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.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation in part of	15217424	2016-07-22
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
<u>15217424</u>	Claims benefit of provisional	62195534	2015-07-22
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
<u>15217424</u>	Claims benefit of provisional	62234246	2015-09-29
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(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).

Remove			
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed 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)

A. 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).

B. 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).

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 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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.								
Applicant 1								
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.								
Clear								
☒ Assignee	☐ Legal Representative under 35 U.S.C. 117	☐ Joint Inventor						
☐ Person to whom the inventor is obligated to assign.	☐ Person who shows sufficient proprietary interest							
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:								
Name of the Deceased or Legally Incapacitated Inventor:								
If the Applicant is an Organization check here. ☒								
Organization Name	Ginko LLC							
Mailing Address Information For Applicant:								
Address 1	PO Box 250575							
Address 2								
City	West Bloomfield	State/Province	MI					
Country	US	Postal Code	48325					
Phone Number		Fax Number						
Email Address								
Additional Applicant Data may be generated within this form by selecting the Add button.								

Assignee Information including Non-Applicant Assignee Information:

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City			State/Province	
Country ⁱ			Postal Code	
Phone Number			Fax Number	
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

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

Signature	/Michelle L. Knight/			Date (YYYY-MM-DD)	
First Name	Michelle	Last Name	Knight	Registration Number	47711
Additional Signature may be generated within this form by selecting the Add button.					

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

Electronic Patent Application Fee Transmittal

Application Number:	16212902			
Filing Date:	07-Dec-2018			
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING			
First Named Inventor/Applicant Name:	Ronald J. Czajka			
Filer:	Michael Paul Hayek/Mary Ellen Donovan			
Attorney Docket Number:	XCH-101-D			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
CLAIMS IN EXCESS OF 20	2202	7	50	350
INDEPENDENT CLAIMS IN EXCESS OF 3	2201	2	230	460
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				810

Electronic Acknowledgement Receipt

EFS ID:	35236279
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michael Paul Hayek/Mary Ellen Donovan
Filer Authorized By:	Michael Paul Hayek
Attorney Docket Number:	XCH-101-D
Receipt Date:	25-FEB-2019
Filing Date:	07-DEC-2018
Time Stamp:	11:53:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$810
RAM confirmation Number	022519INTEFSW00010726250115
Deposit Account	250115
Authorized User	Mary Ellen Donovan

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

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

APPLE

EXHIBIT 1003 - 0191

37 CFR 1.19 (Document supply fees)
37 CFR 1.20 (Post Issuance fees)
37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Corrected Filing Receipt	XCH101D_CorrectedFilingReceipt_20190102.pdf	201104	no	3
			543dd4d638fb9fc342e1542024cafbaeb8fffe80		
Warnings:					
Information:					
2		XCH101D_PrelimAmd.pdf	62412	yes	9
			112004e175b5e1f90f6c85dce6c7122cd35619c1		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Preliminary Amendment		1	1	
	Claims		2	8	
	Applicant Arguments/Remarks Made in an Amendment		9	9	
Warnings:					
Information:					
3	Request for Corrected Filing Receipt	XCH101D_Request_for_Corrected_Filing_Receipt_20190225.pdf	86597	no	2
			da6cc03519a93b7a2bcafd339a5a1ee0877f50bf		
Warnings:					
Information:					
4	Application Data Sheet	XCH101D_CorrectedADS_20190225.pdf	120352	no	9
			f3a96498664f94fc68da3bd8f5f4721b5e848b74		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					

5	Fee Worksheet (SB06)	fee-info.pdf	32072 95001a5d92d1334aec24ea5610b96c52fde56103	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			502537		
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. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 16/212,902		Filing Date 12/07/2018		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 = *		x \$50 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 = *		x \$230 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	02/25/2019	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	* 27	Minus	** 20	= 7	x \$50 =		350		
	Independent (37 CFR 1.16(h))	* 5	Minus	*** 3	= 2	x \$230 =		460		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE		810		
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.						LIE				
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/SHARAIN E MORELAND/				
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

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

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



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D

CONFIRMATION NO. 7450

IMPROPER CFR REQUEST



48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Date Mailed: 02/22/2019

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Power of Attorney, Claims, Fees, System Limitations, and Miscellaneous

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- The ADS submitted on _02/18/2019_ was not properly marked up to show the desired changes. For information being changed relative to the information already of record, additions must be shown with underlining, and deletions must be shown with strike-through or brackets. See 37 CFR 1.76(c)(2)

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/mmasfaw/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ginko LLC
First Named Inventor: Ronald J. Czajka II
Serial Number: 16/212,902
Filing Date: December 7, 2018
Examiner/Art Unit: Unknown/2876 Conf. No. 7450
Title: Method And Apparatus For Data Sharing

REQUEST FOR CORRECTED FILING RECEIPT

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

Dear Sirs:

In response to the Filing Receipt mailed January 2, 2019, Applicants' attorney hereby requests a correction to the Official Filing Receipt as indicated in the attached documents. The correction indicates that this application is a continuation-in-part of U.S. Application No. 15/217,424, filed July 22, 2016, which claims the benefit of U.S. Provisional Application Nos. 62/195,534, filed July 22, 2015, and 62/234,246, filed September 29, 2015.

A copy of the marked Filing Receipt indicating the correction is attached herewith. Applicant also submits a copy of the Corrected Application Data Sheet reflecting the correction.

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 25-0115.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE P.C.

/Michael P. Hayek/

Michael P. Hayek
Registration No. 72,928
(248) 649-3333
(248) 649-3338 Fax
3001 West Big Beaver Rd., Suite 624
Troy, Michigan 48084-3107



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
16/212,902	12/07/2018	2876	785	XCH-101-D	20	3

CONFIRMATION NO. 7450

FILING RECEIPT



48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Date Mailed: 01/02/2019

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

Inventor(s)

Ronald J. Czajka II, Brighton, MI;
Sam B. Attisha, West Bloomfield, MI;

Applicant(s)

Ginko LLC, West Bloomfield, MI; which claims the benefit of 62/195,534 filed July 22, 2015 and 62/234,246 filed September 29, 2015

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CIP of 15/217,424 07/22/2016 PAT 10171985

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: 12/31/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/212,902**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

METHOD AND APPARATUS FOR DATA SHARING

Preliminary Class

235

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).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1						
Legal Name						
Prefix	Given Name	Middle Name		Family Name		Suffix
	Ronald	J.		Czajka		II
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Brighton	State/Province	MI	Country of Residence	US	
Mailing Address of Inventor:						
Address 1	c/o Ginko LLC					
Address 2	PO Box 250575					
City	West Bloomfield			State/Province	MI	
Postal Code	48325		Country	US		
Inventor 2						
Legal Name						
Prefix	Given Name	Middle Name		Family Name		Suffix
	Sam	B.		Attisha		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	West Bloomfield	State/Province	MI	Country of Residence	US	
Mailing Address of Inventor:						
Address 1	c/o Ginko LLC					
Address 2	PO Box 250575					
City	West Bloomfield			State/Province	MI	
Postal Code	48325		Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.						

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

☐ An Address is being provided for the correspondence information of this application.

Customer Number	48980		
Email Address	docketing@youngbasile.com	Add Email	Remove Email

Application Information:

Title of the Invention	METHOD AND APPARATUS FOR DATA SHARING		
Attorney Docket Number	XCH-101-D	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	14	Suggested Figure for Publication (if any)	3

Filing By Reference:

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

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

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

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☒ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	48980		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 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.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation in part of	15217424	2016-07-22
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
<u>15217424</u>	Claims benefit of provisional	62195534	2015-07-22
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
<u>15217424</u>	Claims benefit of provisional	62234246	2015-09-29
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(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).

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove
			Access Code ⁱ (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	XCH-101-D
	Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING	

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed 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)

A. 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).

B. 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).

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 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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.								
Applicant 1								
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.								
Clear								
☒ Assignee	☐ Legal Representative under 35 U.S.C. 117	☐ Joint Inventor						
☐ Person to whom the inventor is obligated to assign.	☐ Person who shows sufficient proprietary interest							
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:								
Name of the Deceased or Legally Incapacitated Inventor:								
If the Applicant is an Organization check here. ☒								
Organization Name	Ginko LLC							
Mailing Address Information For Applicant:								
Address 1	PO Box 250575							
Address 2								
City	West Bloomfield	State/Province	MI					
Country	US	Postal Code	48325					
Phone Number		Fax Number						
Email Address								
Additional Applicant Data may be generated within this form by selecting the Add button.								

Assignee Information including Non-Applicant Assignee Information:

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City			State/Province	
Country ⁱ			Postal Code	
Phone Number			Fax Number	
Email Address				

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

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

Signature	/Michelle L. Knight/			Date (YYYY-MM-DD)	
First Name	Michelle	Last Name	Knight	Registration Number	47711

Additional Signature may be generated within this form by selecting the Add button.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	35177814
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka
Customer Number:	48980
Filer:	Michael Paul Hayek/Mary Ellen Donovan
Filer Authorized By:	Michael Paul Hayek
Attorney Docket Number:	XCH-101-D
Receipt Date:	18-FEB-2019
Filing Date:	07-DEC-2018
Time Stamp:	15:09:50
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Corrected Filing Receipt	XCH101D_Request_for_Corrected_Filing_Receipt.pdf	86596 80c6760f8885b6cf7c8c8413a35b73c60954de78	no	2

Warnings:

APPLE

EXHIBIT 1003 - 0210

Information:					
2	Request for Corrected Filing Receipt	XCH101D_CorrectedFilingReceipt_20190102.pdf	201104	no	3
			976e95ede4487293b916f0ab8b7fadf1242714d8		
Warnings:					
Information:					
3	Application Data Sheet	XCH101D_CorrectedADS.pdf	114564	no	9
			cbde438faabc8c5670a67999e3cb8aab5027882f		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
Total Files Size (in bytes):			402264		
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. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/212,902	12/07/2018	Ronald J. Czajka II	XCH-101-D

CONFIRMATION NO. 7450

IMPROPER CFR REQUEST



48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Date Mailed: 01/02/2019

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Continuity, Priority Claims, Petitions, and Non-Publication Requests

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

Improper Benefit Claim(s) to Prior-Filed Provisional Application(s)

The benefit claim(s) to prior-filed provisional application(s) is improper because the instant application was not filed within twelve (12) months from the filing date of the provisional application, and there is no indication of an intermediate nonprovisional or international application designating the United States that is directly claiming the benefit of the provisional application and filed within 12 months of the filing date of the provisional application. Applicant should review each benefit claim submitted and, if appropriate, provide the proper reference to the prior-filed applications (including an indication of any intermediate application that is directly claiming the benefit of the provisional application and filed with 12 months of the filing date of the provisional application) as required by 37 CFR 1.78.

Alternatively, if the instant application (or intermediate application) was filed within 14 months of the prior provisional application, applicant may file a petition (in the instant application or the intermediate application, as appropriate) to restore the benefit of the provisional application if the delay in filing the instant application (or intermediate application) within the 12 month time period was unintentional. See 37 CFR 1.78 for the requirements of a petition to restore the benefit of the provisional application.

For applications filed on or after September 16, 2012, applicant must submit a corrected application data sheet (ADS) to include a specific reference.

Timeliness: The required reference for each benefit claim must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78, the petition fee set forth in 37 CFR 1.17(m), and the required reference are filed.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office

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

/mgabre/

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 16/212,902	
APPLICATION AS FILED - PART I							
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	330		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	380		N/A	
TOTAL CLAIMS (37 CFR 1.16(j))	20	minus 20 = *	x 50 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	minus 3 = *	x 230 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
			TOTAL	785		TOTAL	
* 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	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)
	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	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)
	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.							



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
16/212,902	12/07/2018	2876	785	XCH-101-D	20	3

CONFIRMATION NO. 7450

FILING RECEIPT



48980
YOUNG BASILE
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MI 48084

Date Mailed: 01/02/2019

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

Inventor(s)

Ronald J. Czajka II, Brighton, MI;
Sam B. Attisha, West Bloomfield, MI;

Applicant(s)

Ginko LLC, West Bloomfield, MI;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CIP of 15/217,424 07/22/2016 PAT 10171985

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: 12/31/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/212,902**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

METHOD AND APPARATUS FOR DATA SHARING

Preliminary Class

235

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).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

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

**Title of
Invention**

METHOD AND APPARATUS FOR DATA SHARING

As the below named inventor, I hereby declare that:

This declaration
is directed to:



The attached application, or



United States application or PCT international application number _____
filed on _____.

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

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

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

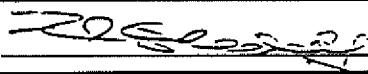
WARNING:

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

LEGAL NAME OF INVENTOR

Inventor: Ronald J. Czajka II

Date (Optional) : 12-6-2018

Signature: 

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

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)****Title of
Invention****METHOD AND APPARATUS FOR DATA SHARING**

As the below named inventor, I hereby declare that:

This declaration ☒ The attached application, or
is directed to:☐ United States application or PCT international application number _____
filed on _____.

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

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

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

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LEGAL NAME OF INVENTORInventor: Sam B. AttishaDate (Optional) : 12/6/2018Signature: 

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

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Privacy Act Statement

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

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

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor	1				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Ronald	J.	Czajka	II	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					
City	Brighton	State/Province	MI	Country of Residence	US

Mailing Address of Inventor:

Address 1	c/o Ginko LLC				
Address 2	PO Box 250575				
City	West Bloomfield	State/Province	MI		
Postal Code	48325	Country	US		

Inventor	2				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Sam	B.	Attisha		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					
City	West Bloomfield	State/Province	MI	Country of Residence	US

Mailing Address of Inventor:

Address 1	c/o Ginko LLC				
Address 2	PO Box 250575				
City	West Bloomfield	State/Province	MI		
Postal Code	48325	Country	US		

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button.

Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

APPLE

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

☐ An Address is being provided for the correspondence information of this application.

Customer Number	48980		
Email Address	docketing@youngbasile.com	Add Email	Remove Email

Application Information:

Title of the Invention	METHOD AND APPARATUS FOR DATA SHARING		
Attorney Docket Number	XCH-101-D	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	14	Suggested Figure for Publication (if any)	3

Filing By Reference:

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

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

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

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☒ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	48980		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 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.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation in part of	15217424	2016-07-22
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Claims benefit of provisional	62195534	2015-07-22
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Claims benefit of provisional	62234246	2015-09-29
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(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).

			Remove
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			Add

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed 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)

A. 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).

B. 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).

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 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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Applicant Information:

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

Applicant	1	Remove
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section. Clear		
☒ Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
Name of the Deceased or Legally Incapacitated Inventor:		
If the Applicant is an Organization check here. ☒		
Organization Name	Ginko LLC	
Mailing Address Information For Applicant:		
Address 1	PO Box 250575	
Address 2		
City	West Bloomfield	State/Province MI
Country	US	Postal Code 48325
Phone Number		Fax Number
Email Address		
Additional Applicant Data may be generated within this form by selecting the Add button. Add		

Assignee Information including Non-Applicant Assignee Information:

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

Assignee	1			
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
				Remove
If the Assignee or Non-Applicant Assignee is an Organization check here.				☐
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				Add

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

Signature	/Michelle L. Knight/		Date (YYYY-MM-DD)	
First Name	Michelle	Last Name	Knight	Registration Number
				47711
Additional Signature may be generated within this form by selecting the Add button.				Add

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XCH-101-D
		Application Number	
Title of Invention	METHOD AND APPARATUS FOR DATA SHARING		

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

METHOD AND APPARATUS FOR DATA SHARING

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation-in-part of U.S. Application No. 15/217,424, filed July 22, 2016, which claims the benefit of U.S. Provisional Application Nos. 62/195,534, filed July 22, 2015, and 62/234,246, filed September 29, 2015, each of which is incorporated herein by reference in its entirety.

TECHNICAL FIELD

[0002] The present disclosure relates to data sharing, including sharing contact information, and determining potential candidates for data sharing between devices based on relative proximity of the devices.

BACKGROUND

[0003] Exchange of personal and professional contact information with another via business cards is on the decline, while digital contact information exchange is now trending. Social media tools are focused around an online forum rather than live meetings. There is a need for exchanging digital contact information immediately or upon request, such as in an impromptu situation or event, and for controlling future access to the exchanged information.

SUMMARY

[0004] A first aspect is a method for data sharing between devices in a network. The method includes identifying, for a user associated with a user device, a potential contact; receiving, from the user device of the user, a request for the user to become a contact with the potential contact; and sending, based on the request, a communication to the potential contact to initiate a data exchange. The user is associated with user data, and the potential contact is associated with contact data. The request includes a first permission setting, the first permission setting is at least a first value or a second value; the first value indicates that a subset of user data of a permitting

user is to be shared with a permitted user; and the second value indicates that only chats are allowed from the permitted user to the permitting user. The method also includes, in response to receiving, from the potential contact, an acceptance of the communication, setting the user as a contact of the potential contact such that the subset of the user data is viewable to the potential contact in a case that the first permission setting being the first value; and setting the potential contact as a contact of the user.

[0005] A second aspect is a system for data sharing between devices in a network. The system includes a processor and a memory. The memory includes computer-executable instructions that, when executed by the processor, perform operations including identifying, for a user associated with a user device, a potential contact, the user is associated with user data, and the potential contact is associated with contact data; receiving, from the user device of the user, a request for the user to become a contact with the potential contact, the request includes a first permission setting, and the first permission setting is at least a first value that indicates that a subset of user data of a permitting user is to be shared with a permitted user; and sending, based on the request, a communication to the potential contact to initiate a data exchange. The operations also include, in response to receiving an acceptance of the communication, setting the user as a contact of the potential contact, the subset of the user data is viewable to the potential contact in a case that the first permission setting is the first value; and setting the potential contact as a contact of the user.

[0006] A third aspect is another method for data sharing between devices in a network. The method includes receiving, from a potential contact, a first location. The method also includes, in a case that a second location of a user device of a user matching the first location, identifying, for the user, the potential contact; receiving, from the user device, a request for the user to become a contact with the potential contact, the request includes a permission setting, the permission indicates whether a subset of user data of the user can be viewed by the potential contact; sending, based on the request, a communication to the potential contact to initiate a data exchange; and, in response to receiving an acceptance of the communication: setting the user as a contact of the potential contact, the subset of the user data is viewable to the potential contact in accordance with the permission; and setting the potential contact as a contact of the user.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] The invention is best understood from the following detailed description when read in conjunction with the accompanying drawings. It is emphasized that, according to common practice, the various features of the drawings are not to-scale. On the contrary, the dimensions of the various features are arbitrarily expanded or reduced for clarity.

[0008] FIG. 1 is a diagram of an example of an apparatus for data sharing in accordance with implementations of this disclosure;

[0009] FIG. 2 is a diagram of an example of a system for data sharing between devices based on relative proximity in accordance with implementations of this disclosure;

[0010] FIG. 3 is a flowchart diagram of an example of a method for data sharing between devices of FIG. 2 based on relative proximity in accordance with the implementations of this disclosure; and

[0011] FIG. 4 is a diagram of an example of a user interface for in accordance with implementations of this disclosure.

[0012] FIG. 5 is a diagram of an example of a user interface display for detecting contacts automatically in accordance with implementations of this disclosure.

[0013] FIG. 6 is a diagram of an example of a user interface display for selecting user data for data sharing in accordance with implementations of this disclosure.

[0014] FIG. 7 is a diagram of an example of a user interface display for identifying a potential contact based on location in accordance with implementations of this disclosure.

[0015] FIG. 8 is a diagram of an example of a user interface display for identifying a potential contact by scan code in accordance with implementations of this disclosure.

[0016] FIG. 9 is a diagram of an example of a user interface display for sharing user data by scan code in accordance with implementations of this disclosure.

[0017] FIG. 10 is a diagram of an example of a user interface display for selecting location data for data sharing in accordance with implementations of this disclosure.

[0018] FIG. 11 is a diagram of an example of a user interface display of user data of listed registered contacts in accordance with implementations of this disclosure.

[0019] FIG. 12 is a diagram of an example of a user interface display for changing data sharing in accordance with implementations of this disclosure.

[0020] FIG. 13 is a diagram of an example of a user interface display for following registered users in accordance with implementations of this disclosure.

[0021] FIG. 14 is a diagram of an example of a user interface display for following registered contacts in accordance with implementations of this disclosure.

DETAILED DESCRIPTION

[0022] Various aspects of this disclosure are now described with reference to the drawings. In the following description, numerous specific details are set forth in order to provide a thorough understanding of one or more aspects. It should be understood, however, that certain aspects of this disclosure may be practiced without these specific details, or with other methods, components, materials, etc. In other instances, well-known structures and devices are shown in block diagram form to facilitate describing one or more aspects.

[0023] The present disclosure presents methods and apparatuses for detecting the proximity of contacts relative to a user and sharing contact information between the user and one or more detected contacts. A user of the disclosed method and apparatus, including without limitation computer readable instructions executable by the processing unit of the electronic device present disclosure (collectively, the “application”; noting, however, that said term may also include further embodiments as may hereinafter be described or referenced), may receive contact and other information and data (collectively, “user data”) from detected contacts (i.e., other users) and send their own user data thereto based in part on the types of information each user elects to share, the nature of the relationship between the users, and the conditions under which any user data may be shared. Generally, each user may receive user data from and transmit user data to other users, for example, by way of a server in communication with each user device, thereby resulting in a real-time exchange of user data, subject to any limitations as may be imposed by each user.

[0024] As used herein, the term “user” includes individuals and entities using the application, for example, at least based on the existence of an account profile belonging thereto. As used in the singular form, “user” may refer to a human user by example. As used in the plural form, “users” may refer to one or more potential contacts and/or registered contacts. Notwithstanding the foregoing, it will be apparent that “user” may include various other embodiments as may hereinafter be described or referenced.

[0025] FIG. 1 is a diagram of an example of an apparatus for detecting contact proximity and sharing contact information in accordance with implementations of the present disclosure.

[0026] A user device 100 for detecting contact proximity and sharing contact information may include a processing unit 110, a memory unit 120, a location component 130, a communication component 140, a user interface unit 150, or a combination thereof. The user device 100 may be an electronic device, which may be, without limitation, a smartphone, personal digital assistant, tablet computer, laptop computer, desktop computer or other Internet-connectable device.

[0027] The processor 110 may be one or more various computer processors used to process data and perform computing tasks including without limitation a central processing unit (CPU) 112, and/or a graphical processing unit (GPU) 114 as shown in FIG. 1. In some embodiments, the CPU 112 or GPU 114 may be implemented as a microcontroller, microprocessor, or an application specific integrated circuit (ASIC), or a combination thereof.

[0028] The storage memory 120 may be one or more various volatile and nonvolatile memory types including without limitation random access memory, read only memory, flash memory or other removable/non-removable storage media. The storage memory 120 may include a system memory module that may store executable computer instructions that, when executed by the processor 110, perform various user device functionalities including those described herein. The storage memory 120 may store data, including user account information or contact information, entered by the user via user interface unit 150 or received from the communication component 140.

[0029] The location component 130 may include, for example, a global positioning system module or geolocation module, which, based on its configuration, may be in communication with satellite or other external systems for tracking the location of an electronic device. In some embodiments, the positioning data received by the location component 130 may be one or more of a set of coordinates and a common address (e.g., a street address along with corresponding city, state/province/country information). The location component 130 may identify a location of the user device 100 using positioning data. The communication component 140 may send and receive electronic data including, for example, user data. The user interface unit 150 may maintain the user's account profile and user data and the user data of other users, as well as receiving user commands to be processed.

[0030] The communication component 140 may include, for example, a modem or other hardware module or adapter for connecting the electronic device to a network, such as an intranet, local network, or the Internet, either through a physical connection (e.g., Ethernet) or wireless connection (e.g., Wi-Fi). In some embodiments, the communication component may connect the user device to, and thereafter communicate with, a server and/or one or more other user devices.

[0031] The user interface unit 150 may include one or more units that may register or receive input from a user or present outputs to the user, such as a display, touch interface, a proximity sensitive interface, a light receiving/emitting unit, sound receiving/emitting unit, a wired/wireless unit, or other units. In some embodiments, the user interface unit 150 may include a display, one or more tactile elements (e.g., buttons or virtual touch screen buttons), lights (e.g., LED), speakers, or other user interface elements. The user interface unit 150 may receive user input and provide information to a user related to operation of the user device 100. The interface unit 150 may include, for example, part of a software application installed on and executed by the processor 110 and configured to receive and store user data, contact data and other information stored in the memory 120.

[0032] In some embodiments, the user interface unit 150 may include a display screen, such as a touch screen, for displaying content and receiving user commands to be processed. The user interface unit 150 may be supported by one or more input configurations including without limitation a keyboard and/or mouse configuration, a touchscreen configuration, and a microphone and speaker configuration. In some embodiments, the user interface unit 150 g may include user-selected customization features for creating and maintaining user data in an account profile. For example, the user interface unit 150 may include graphical features to enable the user to establish settings data, which may include various settings for modifying or limiting certain aspects of the software application.

[0033] The user data, the contact data, the settings data, or a combination thereof, may be stored within the storage memory 120 of the user device 100, within non-transient memory contained within the server, or a combination of both. For example, data associated with the user account profile may be input using the user interface unit 150, which may be immediately stored in storage memory 120 of the user device 100, and may be transmitted via the communication component 140 to a network server for storage in the network database within the server

memory. The user data, contact data, and settings data may be communicated to the server periodically or in response to data changes, for example, to update contact data registered with various users or record select user preferences.

[0034] The account profile of the user may include user data of the user, which is viewable at least in part by certain other users. For example, “registered contacts” referred herein as network users with whom user data is being shared with the user, may view user data of the user. In some embodiments, the account profile may comprise various graphical features. For example, a picture (which may include without limitation a photograph, a computer generated image, a solid color, or a patterned image) may be uploaded to use as the background for the user account profile, or a picture may be retrieved from a library provided by the application or server. In some embodiments, the various media files, such as video, audio and picture files, may be uploaded to the account profile and made available for viewing by other users. For example, an entity user may upload commercials or other marketing materials to the account profile to promote goods and services to potential customers.

[0035] The user data may include information relative to an account profile of a user and may comprise name, title, company, availability status, account picture, phone and mobile numbers, mailing addresses, email addresses, facsimile numbers, social media links, websites, birthday, anniversary, and/or other information associated with the user. The user data may be received from a user interface. In some embodiments, user data may further include present and past location data for the user. The user data may be organized into one or more profiles (e.g., a work profile comprising the user’s business contact information and a home profile comprising personal contact information), to permit the user to conveniently elect for only certain profiles to be publicly viewable, and/or to distinguish professional and personal user data for presentation to other users.

[0036] The contact data may include user data relative to registered contacts, which may be viewable by the user, for example, as a contact list accessible within the application. In some embodiments, the registration of further contact data or modification of existing contact data for a registered contact may be automatic according to user-based configuration by the user. In some embodiments, the registration of further contact data or modification of existing contact data for a registered contact may be received from a user interface in response to user entry. As an example of automatic modification, a registered contact of the user may elect to no longer

share certain contact data with the user, permissions for the contact data relative to the user may be changed by the registered contact, thereby causing that contact data to no longer be viewable by the user. The contact data may be organized into one or more profiles as set by the corresponding user.

[0037] The settings data may include settings configured by the user device in accordance with selections by the user. In some embodiments, the settings data may be input to the user device via a user interface, such as the user interface unit 150 of FIG. 1. For example, an application may be executed to graphically display various configurable settings on a touch screen, and in response to user input, record and save the settings data to a memory of the user device, such as the memory 120. The settings data may be sent to a network server and stored in a memory unit of the network server as parameters when executing data sharing and detection of potential contacts in accordance with this disclosure. In some embodiments, the settings data may include a proximity range setting, a detection preferences setting, a user data setting, or a combination thereof.

[0038] The proximity range setting may indicate a particular proximity range relative to the user device location, within which searching and detecting of other users may be executed, such as searching and detecting potential contacts for the user within a two mile radius of the user's present location. In some embodiments, a network server may receive the proximity range setting from the user device, and may identify other users concurrently located within proximity of the user corresponding to the proximity range setting. In some embodiments, the user device may include a location detection function that uses peer-to-peer signals with a user device of another user located within a proximity of the user as defined by the proximity range setting. The proximity range setting may be fixed and unchangeable, or may be adjustable by the user.

[0039] The detection preferences setting may be defined by the user and may identify other users individually or a classification of users as potential contacts to be detected within the proximity range. For example, the detection preferences setting may be set to allow all users to be detected, or it may instead allow only certain selected users (e.g., entities that are restaurants, users identified by a first name, age, or gender, or other criteria) to be detected.

[0040] The user data setting may indicate the degree to which the user data (or specific portions thereof) is viewable by other users. In some embodiments, the user may define all or select portions of the user data as being public user data (i.e., automatically viewable by other

users) or private user data (i.e., only viewable by other users upon the user granting permission therefor). The user may modify the user data setting from an initial setting. For example, the user data setting for a portion of the user data may be changed from public user data to private user data, and vice versa.

[0041] Based on the settings data, the server may detect other users located within the defined proximity range. Users who have not previously shared user data with the user, as well as users who have, but who no longer are sharing user data with the user, may be defined as “potential contacts.” Users who are currently sharing user data with the user may be defined as “registered contacts.” In some embodiments, upon detecting a potential contact, the user may send an exchange request to the potential contact by electing to share all user data, some user data, or no user data with the potential contact, provided that user data defined as public may automatically be shared upon initiating the exchange request. Upon the potential contact and the user each agreeing to share user data with one another, the user and the potential contact each become registered contacts to one another, and user data of the potential contact may be shared with the user as contact data and vice versa. In some embodiments, the user and a potential contact or registered contact may elect to enter into a private chat wherein they may communicate messages to each other.

[0042] FIG. 2 is a diagram of an example of a system for data sharing between devices based on relative proximity in accordance with implementations of the present disclosure. In some embodiments, a system 200 may include a user device 202, which may be configured as shown and described herein with reference to user device 100 in FIG. 1. The system 200 may also include one or more other user devices 212, a network access point 222, and a network server 232. The system 200 may also include communication links 204/214/224 and network 234.

[0043] The user device 202 may communicate with the network entities via communication link 204, and may access the network server 232 via a network or internet connection 234. The one or more other user devices 212 may be located within the proximity range as defined by the proximity range setting. In some embodiments, the user device 202 may communicate with the network server 232 to set up the account profile of the user and to upload the settings data onto the network server 232. The network server may detect the one or more user devices 212 as being associated with potential contacts for the user of user device 202 in response to an action by the user. For example, the user may open or start an application on the user device 202, which

may automatically send a signal on communication link 204 to the access point 222 and forwarded to the network server 232 over the internet or network 234. The signal may include the location data and/or the settings data of the user device 202. Meanwhile, one or more other users registered with the network on associated user devices 212 may have communicated respective location data to the network server on communication link 214 via the access point 222 and the network 234. Based on the location data and/or settings data received from the user devices 202/212, the network server 232 may identify one or more user devices 212 as being located within the proximity range as set by the user device 202, and as such, are identified as potential contacts for the user of user device 202. In some embodiments, the user devices 202/212 may exchange location data directly, such as through a peer-to-peer communication link 224, which may then be transmitted to the network server 232.

[0044] In some embodiments, the user device 202 may receive an indication from the network server 232 of user devices 212 associated with potential contacts, as identified by the network server 232. The user device 202 may display the potential contacts on a user interface, from which a potential contact may be selected for exchanging user data such as contact information. The user device 202 may send the potential contact selection to the network server via the communication link 204. In response to the potential contact selection, the network server 232 may send a request to the user device 212 of the potential contact for exchanging contact information with the user of user device 202. If the potential contact agrees to exchange data with the user of user device 202, the data sharing may be transmitted via the network over communication links 204/214, or the data sharing may be transmitted directly via link 224. In some embodiments, the user and the new contact may commence a chat session via the network over communication links 204/214, or the chat session may be transmitted directly via peer-to-peer link 224. For example, a user sharing application may be activated on both the user device 202 and the device 212 of the new contact, which enables a chat session to be initiated by either the user or the new contact.

[0045] FIG. 3 is a flowchart diagram of an example of a method for data sharing between devices of FIG. 2 based on relative proximity in accordance with the implementations of the present disclosure. The method 300 may include identifying user data of a user at 302, determining a location of the user at 304, identifying a user device of a potential contact located within a defined proximity of the location of the user at 306, sending communications to initiate

data sharing at 308, exchanging the data between the user the potential contact at 310, or a combination thereof.

[0046] In some embodiments, the method 300 may be implemented as a computer readable medium that stores instructions executable by processor. In some embodiments, the instructions may be stored in a memory, such as a memory in the network server 232 of FIG. 2, and may be executed by one or more processors in the network server 232. In some embodiments, the method 300 may be executed by the network server 232 to enable data sharing between user devices, such as the user device 202 and the one or more other user devices 212.

[0047] In some embodiments, the user data for registered users may be identified by the network at 302. For example, the user profile of each user includes the contact information of the user, which is recorded during registration and stored by the network server 232. Any updates to the contact information may be based on user input at the user device, and may be recorded and stored by the network server 232.

[0048] In some embodiments, the location of the user device 202 may be determined at 304. As detection of potential contacts is dependent upon location data of the user, the network server 232 regularly identifies the location of the user device 202 based on location data determined by the location component and transmitted by the communication component of the user device, such as location component 130 and communication component 140 of FIG. 1. In some embodiments, the communication of location data to the server may be dependent upon the location component 130 being enabled (e.g., wherein the electronic device is a smartphone, the GPS feature must be enabled in order for the user's location data to be communicated).

[0049] In some embodiments, a potential contact located within the selected proximity range may be identified at 306. The network server 232 may maintain records of location data for all user devices in communication with the network server 232. The location of other user devices 212 may be computed, for example, by calculating the distance between the user device 202 and other user devices 212. In the event other user devices 212 are determined to be within the proximity range defined by the settings data, subject to any detection preferences defined by the user, such other user devices 212 may be detected by the network server 232 based on the location data. In some embodiments, the network server 232 may notify the user that potential contacts are nearby. For example, the user device 202 may receive the notification of potential contacts, and execute a visual display for identifying the locations of potential contacts, such as

by visually denoting the locations on a map. The user may then select one or more detected users to share user data with, subject to each user's user data settings.

[0050] In some embodiments, the network server may generate and send messages between the user and the potential contact related to data sharing at 308. For example, in response to the user's selection of a potential contact, a request message may be sent from the user device 202 indicating a request for an invitation message to be sent to the potential contact. The request message may include a permission setting indicating which user data and/or which user data profile of the user is selected to be shared with the potential contact. Responsive to receiving the request message, the network server 232 may generate and deliver the invitation message to the device 212 of the potential contact. A response message may be sent from the device 212 of the potential contact indicating acceptance or denial of the invitation. Responsive to receiving the response message, the network server 232 may generate and deliver a response message to the user device 202.

[0051] In some embodiments, the user device 202 may send the exchange request (e.g., via an electronic message) to the potential contact, via the network server 232, which the potential contact may accept, for example, by similarly selecting to share user data or entering into a chat conversation with the user. The potential contact may decline the exchange request, for example, by refusing to share any user data or refusing to enter into the chat conversation.

[0052] In some embodiments, the user device 202 may exchange data with the device 212 of the selected potential contact at 310. The user and potential contact may each select which user data is to be shared. For example, the data exchange may be limited based on permission settings elected by the user and/or the potential contact. In response to the network server 232 receiving a message from the device 212 of the potential contact identifying the potential contact's user data selected to be shared with the user, such as according to a permission setting, the network server 232 may send the acceptance response message to the user device 202. The network server 232 may designate the user and the potential contact as registered contacts to each other, and the user data selected to be shared by the user and the potential contact may be registered as contact data respectively. The network server 232 may execute the data sharing by sending user data of the user, such as contact information, to the device 212 of the registered contact, and by sending user data of the potential contact, such as contact information, to the user device 202.

[0053] FIG. 4 is a diagram of an example of a user interface display for detecting contacts responsive to user input in accordance with implementations of this disclosure. In some embodiments, the user device 202 may display an application interface display 402 for initiating a detection of contacts, and after an elapsed time duration of the detection, an application interface display 412 for indicating the results of the detection of contacts may be displayed. For example, the application interface display 402 may include a detection start icon 404 to enable the user to commence a request for detection of potential contacts in the vicinity of the user device, and a detection icon 406 that may provide an indication of status for the detection being processed by the network server. For example, the user device may respond to the user touch and/or holding the touch of the detection start icon 404 by sending location information of the user device to the network server. In some embodiments, the location component 130 of FIG. 1 may remain active for as long as the activation feature is manually toggled by the user touch of detection start icon 404. In some embodiments, the detection start icon 404 may respond only to a unique identifier, such as the user's fingerprint. The application interface display 402 may provide visual feedback that may include, for example, a color change or blinking of detection icon 406 to indicate status of the detection, which may include that the detection is in progress. The application interface display 412 may include a detection icon 416 for detection status indication, such as indicating that the detection processing is completed by changing the appearance of the detection icon 416 from detection icon 406 and/or a change in appearance of detection start icon 414 compared to detection start icon 404. Contact display region 418 may indicate the results of the detection process by identifying user identification or tags of potential contacts found to be within the proximity range defined in the proximity range setting.

[0054] FIG. 5 is a diagram of an example of a user interface display for detecting contacts automatically in accordance with implementations of this disclosure. In some embodiments, the user device 202 may display an application interface display 502 for an automatic detection mode, an application interface display 512 for indicating a status change for detection of potential contacts, and an application interface display 522 that indicates that automatic detection mode has been toggled off. For example, the application interface display 502 may include a detection icon 506 that may indicate an automatic detection mode for detecting potential contacts in the vicinity of the user device, such as by a visual indication that may include an icon color. The application interface display 512 may include a detection icon 516 that may indicate a new

potential contact has been automatically detected, such as by a visual indication that may include a numeral corresponding to a number of new potential contacts detected. The application interface display 522 may include a detection mode icon 528 that enables a user to toggle between automatic detection mode and user initiated detection mode, and a detection icon 526 that may indicate the status change for the automatic detection mode, such as by a change in icon color.

[0055] In some embodiments, the user activated contact detection of FIG. 4 may enable a single one-time detection search by the network server, which may conserve resources of the user device and the network. In some embodiments, automatic contact detection of FIG. 5 may enable contact detection continuously while the automatic mode is activated. For example, automatic contact detection mode may be activated by toggling one or more activation features, that may include activating the location component 130 of FIG. 1 for an unspecified period of time (e.g., until the user subsequently deactivates the location component 130), and activating the location component 130 for a specified period of time (e.g., one hour). For example, tapping the detection icon 506 once may trigger contact detection activation for an unspecified period of time, tapping the detection icon 506 twice may trigger contact detection activation for a specified period of time, and tapping the detection icon 506 three times may deactivate the location component 130 and the contact detection process. The activation features for contact detection described herein are provided as examples, and other ways of user activation and automatic activation are possible for implementations of this disclosure.

[0056] FIG. 6 is a diagram of an example of user interface display for selecting user data for data sharing in accordance with implementations of this disclosure. In some embodiments, application interface displays 602/612/622 may display information related to data sharing between the user and a potential contact identified by the contact detection of FIGs. 4 and 5. For example, the application interface display 602 may show registered contact identifications 604 and potential contact identifications 606 that may be distinguishable by having a different visual appearance or graphical representation. In some embodiments, the registered contact identifications 604 and potential contact identifications 606 may be displayed in a list format, as shown, in response to a user input at format icon 603 selecting a list format, such as by a touch screen tapping. The registered contact identifications 604 and potential contact identifications 606 may be arranged in the application interface display 602 in various ways, including

alphabetically, by proximity to the user, time of detection, or based on frequency of previous exchanges. A data exchange with a potential contact may be initiated by the user device 202 in response to receiving user input, such as by tapping the potential contact identification 606 associated with the potential contact. The user device 202 may send a request signal to the network server 232 identifying the selected potential contact and indicating the user's request for sending an invitation for data exchange from the user device 202 to the device 212 of the potential contact.

[0057] In some embodiments, the application interface display 612 may be displayed in response to the request to exchange data, and may include selectable user data of the user, from which the user may select which user data of one or more user profiles to share with the potential contact. For example, the application interface display 612 may provide options for the user to share all data via icon 613, selectively share only certain user data (e.g., only certain profiles or portions thereof), or share no user data and instead request to enter into a chat conversation with the potential contact, by selection of chat only icon 614 for example.

[0058] In some embodiments, location region 616 of the application interface display 612 may indicate a location for the user device when the user device associated with potential contact identification 606 was detected by the network and identified to the user device 202.

[0059] In some embodiments, the application interface display 622 may indicate the user selection for user data for the data exchange. For example, a share all icon 624 may be responsive to user input, such as by touch screen tapping the icon 624, and all user data of the display may be visually altered for feedback display, such as shown by a highlighted region 626, to indicate confirmation by the user device 202 for the user selection. In some embodiments, the application interface display 622 may provide an interface for the user to accept the selected data sharing information, such as by touch screen tapping the accept icon 628. In response to the user input at the accept icon 628, the user device 202 may execute a data sharing request to the network server 232.

[0060] In some embodiments, the user device 202 may provide global user data changes by the user. For example, an application interface display may be presented to the user on the user interface unit 150 which shows the user data for all user profiles of the user as recorded on the network server 232. The user data profiles may be edited at any time by the user, allowing all registered contacts to have access to current user data once the user data is edited by the user and

saved to the network server 232. Unlike with one-off transmissions of contact information, or exchanging of business cards, the user need not redistribute updated contact information since the update may be global via the central repository in the network server 232.

[0061] FIG. 7 is a diagram of an example of a user interface display for identifying a potential contact based on location in accordance with implementations of this disclosure. In some embodiments, an application interface display 702 may display location information related to potential contacts, such as on a map, in response to user input at format icon 703, which may provide a selectable display for potential contacts in a map format or list format. For example, in response to user input selecting map format at format icon 703, such as by a touch screen tapping, the application interface display 702 may show markers 704 representing potential contacts in respective map locations. In some embodiments, a user input selection of a marker 704 may trigger a generation of an application interface display 712 which may show an identifier region 714 for the potential contact associated with the selected marker 704. In response to a user input, such as by touch screen tapping at the identifier region 714, an application interface display 722 may be generated for presenting selectable user data for sharing with the selected potential contact. The user may interface with the application interface display 722 as shown and described herein with respect to FIG. 6.

[0062] FIG. 8 is a diagram of an example of a user interface display for identifying a potential contact by scan code in accordance with implementations of this disclosure. In some embodiments, an application interface display 802 may display a contacts screen, including a scan icon 804 for permitting interfacing with another user device. For example, in response to a user input at icon 804, such as by a touch screen tapping, an application interface display 812 may be generated and a camera in user device 202 may be activated for capturing a scan code display of a user device associated with a potential contact. In some embodiments, in response to the camera of the user device 202 being aimed at a scan code, the application interface display may show the scan code 814 as captured by the camera, and may provide markers 818 as a view finder to assist the user in centering the scan code for the camera to focus. The camera icon 816 may be responsive to a user input, such as by a touch screen tapping or sliding, and may execute the scan of the scan code. An application interface display 822 may be generated in response to the scan execution, which displays the selectable user data screen from which the user may input

whether to share all user data, share some user data, or chat only, in a manner as shown and described herein with respect to FIG. 6.

[0063] FIG. 9 is a diagram of an example of a user interface display for sharing user data by scan code in accordance with implementations of this disclosure. In some embodiments, an application interface display 902 may display a scan code 904 so that another user device may read the scan code for identification as a potential contact. For example, the user device associated with scan code 904 of the display 902 may be presented to another user device that operates the scan code reader, such as the user device 202 that displays captured scan code 814 in FIG. 8, where the captured scan code 814 corresponds to displayed scan code 904. In some embodiments, in response to receiving a request for user data sharing from another user device, such as the user device of FIG. 8, the application interface 902 may display an indication of the received request at pending exchange icon 906, which may be responsive to user input. For example, in response to a user input at pending exchange icon 906, such as by a touch screen tapping, an application interface display 912 may be generated to display the potential contact identifier 914, which may be responsive to user input for accepting the request. In some embodiments, an application interface display 922 may be generated in response to the user input at identifier 914, to provide selectable user data for exchange to the requester. For example, the user may input at the application interface display 922 whether to share all user data, share some user data, or chat only, in a manner as shown and described herein with respect to FIG. 6.

[0064] FIG. 10 is a diagram of an example of user interface display for selecting location data for data sharing in accordance with implementations of this disclosure. In some embodiments, an application interface display 1002 may display information related to the data sharing with a new contact and selectable by the user for constructing the contact profile information. For example, the application interface display 1002 may indicate the location information 1004 of the user device when the potential contact was detected and may associate the location information 1004 with the new contact registration as additional contact data. The application interface display 1002 may be responsive to user input, such as by tapping the location information 1004, and may generate an application interface display 1012 that shows a representation of the location information 1004 as a map location 1014. In some embodiments, the user interface unit 150 may be responsive to the user input for adding notes or comments within the new contact registration information as further contact data.

[0065] FIG. 11 is a diagram of an example of user interface display for user data of listed registered contacts in accordance with implementations of this disclosure. In some embodiments, an application interface display 1102 may identify registered contacts as a list in a display region 1104 responsive to user input, such as by tapping on a registered contact identification. For example, in response to tapping on registered contact identification in display region 1104, an associated application interface display 1112/1114/1116 may be generated and displayed on user interface unit 150. The application interface display 1112/1114/1116 may show contact data for a given registered contact to be viewed by the user as a contact profile, which may include aspects of the registered contact's account profile, such as the customizable features of profile background pictures and associated media. The viewable contact data for a given registered contact correlates to the permissions set by the registered contact such as any public user data and/or the private user data that the registered contact has agreed to share.

[0066] FIG. 12 is a diagram of an example of a user interface display for changing data sharing in accordance with implementations of this disclosure. As described herein, and notwithstanding the permissions originally set during an exchange of user data, in some embodiments, the user interface unit 150 may display configurable permission information set for various user data shared with a given registered contact. For example, the permission information may be displayed and may be responsive to user input for electing to share more or share less user data with registered contacts. In some embodiments, an application interface display 1202 may indicate a registered contact in display region 1204, which may be responsive to user input, such as by tapping the display region 1204. In response to the user input, an application interface display 1212 may be generated and displayed to include an editing icon 1214, which may be responsive to a user input. For example, an application interface display 1222 may be generated and displayed to show shared contact information 1224 previously defined for sharing with the registered contact. The shared contact information may be modified in response to user input on display 1222. For example, the user may select certain shared user data and remove it from the contact data registered with the registered contact, without altering the user account profile information, which may remain intact as user data for future data sharing. In some embodiments, the application interface display 1222 may modify shared user data by deleting an entire contact profile and removing all contact data relating to the registered contact in response to user input. In response to the modification to the contact profile by the

user device of the user, the network server 232 may modify the user's contact registration to reflect the deletion, and in turn, may delete all contact data of the user within the registered contact's records.

[0067] FIG. 13 is a diagram of an example of user interface display for following registered users in accordance with implementations of this disclosure. In some implementations, an application interface display 1302 may respond to user input for following one or more registered users. For example, a registered user identification appearing in display region 1304 may be responsive to user input, such as by tapping the identification on the display, for selection as an entity to be followed by the user. An application interface display 1312 may be generated and displayed in response to the user input, and may include follow icon 1314. In response to user input, such as by tapping the follow icon 1314, an application interface display 1322 may be generated and displayed with a prompt for the user to confirm that the user has selected to follow the entity. On a condition that the user confirms the selection, the application interface display 1332 may be generated and displayed for indicating that the user device will follow the selected entity. As a result of the user device following the selected entity, the network server 232 may send the entity's posts on the network to the user device, and the posts may be displayed on the user interface as a dedicated content feed viewable by the user.

[0068] FIG. 14 is a diagram of an example of user interface display for following registered contacts in accordance with implementations of this disclosure. In some embodiments, an application interface display 1402 may show a list of followed contacts in display region 1404, which upon selection by the user, such as by tapping the followed contact identification, an application interface display 1412 may be generated and displayed to show the followed contact's content feed information. In some embodiments, the application interface display 1412 may provide options for the user to view information associated with the followed contact, which may include icons 1414/1416/1418/1420 responsive to user input. For example, the user may view the content feed associated with the followed contact by selecting the media icon 1414, or view media associated with the followed contact by selecting the media icon 1416, record notes or comments about the followed contact within the contact profile by selecting the clipboard icon 1418, or recommend the followed contact to other users by selecting the envelope icon 1420. In some embodiments, only contacts whose user data is set to public may be recommended to other users.

[0069] In some implementations, an account profile can be set to be a public profile or a private profile. In some implementations, if the account profile of the potential contact is a public account, then receiving, from the potential contact, the acceptance of the communication, can be automatic. That is, the potential contact need not explicitly accept the communication. Rather, the acceptance can be automatically generated on behalf of the potential contact. In an example, a network server, such as the network server 232 of FIG. 2, can generate the automatic acceptance on behalf of the potential contact.

[0070] In some implementations, the user can cancel a data exchange request. That is, the user can revoke the data exchange request with a potential contact. The request can be cancelled before it is accepted by the potential contact. As such, a cancelled request is removed from the pending exchange requests list, as described with respect to pending exchange icon 906 and the application interface display 912 of FIG. 9. As such, a method according to implementations of this disclosure can include receiving, from the user, a cancellation request of the request. Cancelling the request revokes the request such that the potential contact can no longer accept the request. That is, the request is removed from the pending requests lists of the potential contact.

[0071] In some implementations, the user can modify a data exchange request. For example, and referring to FIG. 6, after the user input at the accept icon 628 and executing the data sharing request to the network server 232, the user can modify the data exchange request such as by changing the selection from the share all (i.e., selection of the share all icon 624) to chat only (i.e., by selecting the chat only icon 614).

[0072] Reference is now made again to the method 300 of FIG. 3. In the description of the method 300, a potential contact is identified based on a current location of a device of the potential contact. However, that need not be the case according to implementations of this disclosure. The potential contact can indicate that the potential contact is associated with a particular location and the method 300 can identify the potential contact, such as at 306, based on the indication.

[0073] For example, a user can leave a contact exchange request for a potential contact at a geolocation. The geolocation can be an address, a landmark name, a cross-roads, a set of coordinates, a GPS location, or any other indication that can be converted to, or have associated, a geolocation. That is, the user can indicate an intention to have a communication sent to the user

to initiate data exchange, as described with respect to 308 of FIG. 8, between the user and a potential contact, even though the user is not at the geolocation. The communication can be sent to a potential contact who is proximal to the geolocation. This scenario can be summarized as “if someone comes to a location of my choosing, send that someone a data exchange request.”

[0074] In an illustrative, but non-limiting, example, a home owner may be aware that a service provider is going door-to-door within the home owner’s neighborhood soliciting business. The home owner is interested in the service. However, as the homeowner cannot be home 100% of the time to wait for the service provider, the home owner (i.e., the user) can leave a data exchange request at her home location. If/when the service provider visits the location (i.e., the home) of the homeowner, the service provider receives the data exchange request. In this scenario, the service provider is the potential contact.

[0075] An application interface display that is similar to the application interface display 922 of FIG. 9 can be used to initiate a data exchange request. The application interface display can include one or more display elements that allow the user to select a location, to type a location, to select the user’s current location, and the like, such that the selected location can be attached to the data exchange request. A network server, such as the network server 232, can send the data exchange request to a potential contact upon determining that the location of the potential contact matches the selected location.

[0076] Accordingly, identifying the potential contact at 306 can include receiving, from the potential contact, a first location; and identifying the potential contact in a case that a second location of the user device matches the first location. In an example, the first location is an address (such as a postal address), and the second location is a geolocation that is proximate the first location. In an example, the first location can be converted to a geolocation. In an example, the second location matches the first location in a case that the first location and the second location are within a threshold distance. In an example, the threshold distance can be 10, 20, 30 feet, or some other distance. The threshold distance can be characterized by being a relatively small distance. In another example, the first location is a first geolocation and the second location is a second geolocation that is within a predefined distance of the first geolocation.

[0077] Another scenario according to implementations of this disclosure can be summarized as “if someone comes to a location of my choosing, identify me to that someone as a potential contact, even if I am (i.e., even if my device is) not actually at the location.” Said another way, a

potential contact can place a marker based on an affiliated geolocation or coordinate for detection and exchange by a user.

[0078] In an illustrative, but non-limiting, example, a business person has a business address of address 555 N Main Street, Ann Arbor, MI. The business person is regularly visited by sales representatives. The business person finds value in the interactions with some of the sales representatives and would like to know who visits him when he is out of the office. When the business person is out of office, he can place a marker at that address (or, equivalently, the geolocation of the address) for anyone to detect and exchange information with him. As such, for example, when a sales representative is at the business address, and the sales representative performs, using a user device, an operation (such as via one or more user interfaces that are similar to those described with respect to FIG. 5) to detect contacts automatically, the sales representative can be identified as a potential contact. The business person can be identified as a potential contact in a case that the location of the user device matches the location of the marker. As described above, the location of the user device matches the location of the marker if the location of the user device and the location of the marker are within a predefined distance.

[0079] Accordingly, and referring to FIG. 4 again, in an implementation, receiving, from the user device of the user (e.g., the sales representative), the request for the user to become a contact with the potential contact (e.g., the business person) can include receiving a first location that is associated with the request (the first location is received before the request is initiated); and sending, based on the request, the communication to the potential contact to initiate the data exchange can include subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact.

[0080] Accordingly, another method for data sharing between devices in a network can include receiving, from a potential contact (e.g., the business person in the above scenario), a first location (e.g., the geolocation, the postal address, cross roads, etc., of the business address of the business person); and, in a case that a second location of a user device of a user (e.g., the sales representative) matching the first location, identifying, for the user, the potential contact, and receiving, from the user device, a request for the user to become a contact with the potential contact. The request can include a permission setting, which indicates whether a subset of user data of the user can be viewed by the potential contact. The method can also include sending,

based on the request, a communication to the potential contact to initiate a data exchange; and, in response to receiving an acceptance of the communication, setting the user as a contact of the potential contact and setting the potential contact as a contact of the user. The subset of the user data is viewable to the potential contact in accordance with the permission.

[0081] While the invention has been described in connection with certain embodiments, it is to be understood that the invention is not to be limited to the disclosed embodiments but, on the contrary, is intended to cover various modifications and equivalent arrangements included within the scope of the appended claims, which scope is to be accorded the broadest interpretation so as to encompass all such modifications and equivalent structures as is permitted under the law.

What is claimed is:

1. A method for data sharing between devices in a network, the method comprising:
identifying, for a user associated with a user device, a potential contact,
the user being associated with user data, and
the potential contact being associated with contact data;
receiving, from the user device of the user, a request for the user to become a contact with
the potential contact,
the request comprising a first permission setting,
the first permission setting being at least a first value or a second value,
the first value indicating that a subset of user data of a permitting user is to be
shared with a permitted user, and
the second value indicating that only chats are allowed from the permitted user to
the permitting user;
sending, based on the request, a communication to the potential contact to initiate a data
exchange; and
in response to receiving, from the potential contact, an acceptance of the communication:
setting the user as a contact of the potential contact,
the subset of the user data being viewable to the potential contact in a case
that the first permission setting being the first value; and
setting the potential contact as a contact of the user.
2. The method of claim 1, further comprising:
receiving, from the user, a cancellation request of the request; and
revoking the request such that the potential contact cannot accept the request.
3. The method of claim 1, wherein identifying the potential contact comprising:
receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the user device
matches the first location.
4. The method of claim 3,

wherein the first location is an address, and

wherein the second location is a geolocation that is proximate the first location.

5. The method of claim 3,

wherein the first location is a first geolocation, and

wherein the second location is a second geolocation that is within a predefined distance of the first geolocation.

6. The method of claim 1, wherein the acceptance of the communication is automatically generated.

7. The method of claim 1, wherein the acceptance is automatically generated in a case that a profile of the potential contact is a public profile.

8. The method of claim 1,

wherein receiving, from the user device of the user, the request for the user to become a contact with the potential contact, comprises:

receiving a first location that is associated with the request; and

wherein sending, based on the request, the communication to the potential contact to initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to the potential contact on a condition that the first location matching a second location associated with the potential contact.

9. The method of claim 8, wherein the first location being a first geolocation of the user device.

10. The method of claim 8, wherein the second location being a second geolocation of a device of the potential contact.

11. The method of claim 8, wherein the first location matching the second location comprises the first location being within a predefined distance of the second location.

12. A system for data sharing between devices in a network, comprising:
a processor; and
a memory, the memory comprising computer-executable instructions that, when executed by the processor, perform operations comprising:

- identifying, for a user associated with a user device, a potential contact,
 - the user being associated with user data, and
 - the potential contact being associated with contact data;
- receiving, from the user device of the user, a request for the user to become a contact with the potential contact,
 - the request comprising a first permission setting, and
 - the first permission setting being at least a first value indicating that a subset of user data of a permitting user is to be shared with a permitted user;
- sending, based on the request, a communication to the potential contact to initiate a data exchange; and
- in response to receiving an acceptance of the communication:
 - setting the user as a contact of the potential contact,
 - the subset of the user data being viewable to the potential contact
 - in a case that the first permission setting being the first value; and
 - setting the potential contact as a contact of the user.

13. The system of claim 12, wherein identifying the potential contact comprises:
receiving, from the potential contact, a first location; and
identifying the potential contact in a case that a second location of the user device matches the first location.

14. The system of claim 13,
wherein the first location is an address, and
wherein the second location is a geolocation that is proximate the first location.

15. The system of claim 13,
wherein the first location is a first geolocation, and
wherein the second location is a second geolocation that is within a predefined distance of
the first geolocation.

16. The system of claim 13, wherein the acceptance of the communication is
automatically generated.

17. The system of claim 12, wherein the acceptance is automatically generated in a
case that a profile of the potential contact is a public profile.

18. The system of claim 12,
wherein receiving, from the user device of the user, the request for the user to become a
contact with the potential contact, comprises:

receiving a first location that is associated with the request; and
wherein sending, based on the request, the communication to the potential contact to
initiate the data exchange comprises:

subsequent to receiving the request from the user, sending the communication to
the potential contact on a condition that the first location matching a second location
associated with the potential contact.

19. The system of claim 18, wherein the first location being a first geolocation of the
user device.

20. A method for data sharing between devices in a network, comprising:
receiving, from a potential contact, a first location;
in a case that a second location of a user device of a user matching the first location:
identifying, for the user, the potential contact;
receiving, from the user device, a request for the user to become a contact with
the potential contact,

the request comprising a permission setting, the permission indicating whether a subset of user data of the user can be viewed by the potential contact; sending, based on the request, a communication to the potential contact to initiate a data exchange; and

in response to receiving an acceptance of the communication:

setting the user as a contact of the potential contact,

the subset of the user data being viewable to the potential contact in accordance with the permission; and

setting the potential contact as a contact of the user.

ABSTRACT

A method for data sharing includes receiving, from a potential contact, a first location. The method also includes, in a case that a second location of a user device of a user matching the first location, identifying, for the user, the potential contact; receiving, from the user device, a request for the user to become a contact with the potential contact, the request includes a permission setting, the permission indicates whether a subset of user data of the user can be viewed by the potential contact; sending, based on the request, a communication to the potential contact to initiate a data exchange; and, in response to receiving an acceptance of the communication: setting the user as a contact of the potential contact, the subset of the user data is viewable to the potential contact in accordance with the permission; and setting the potential contact as a contact of the user.

100

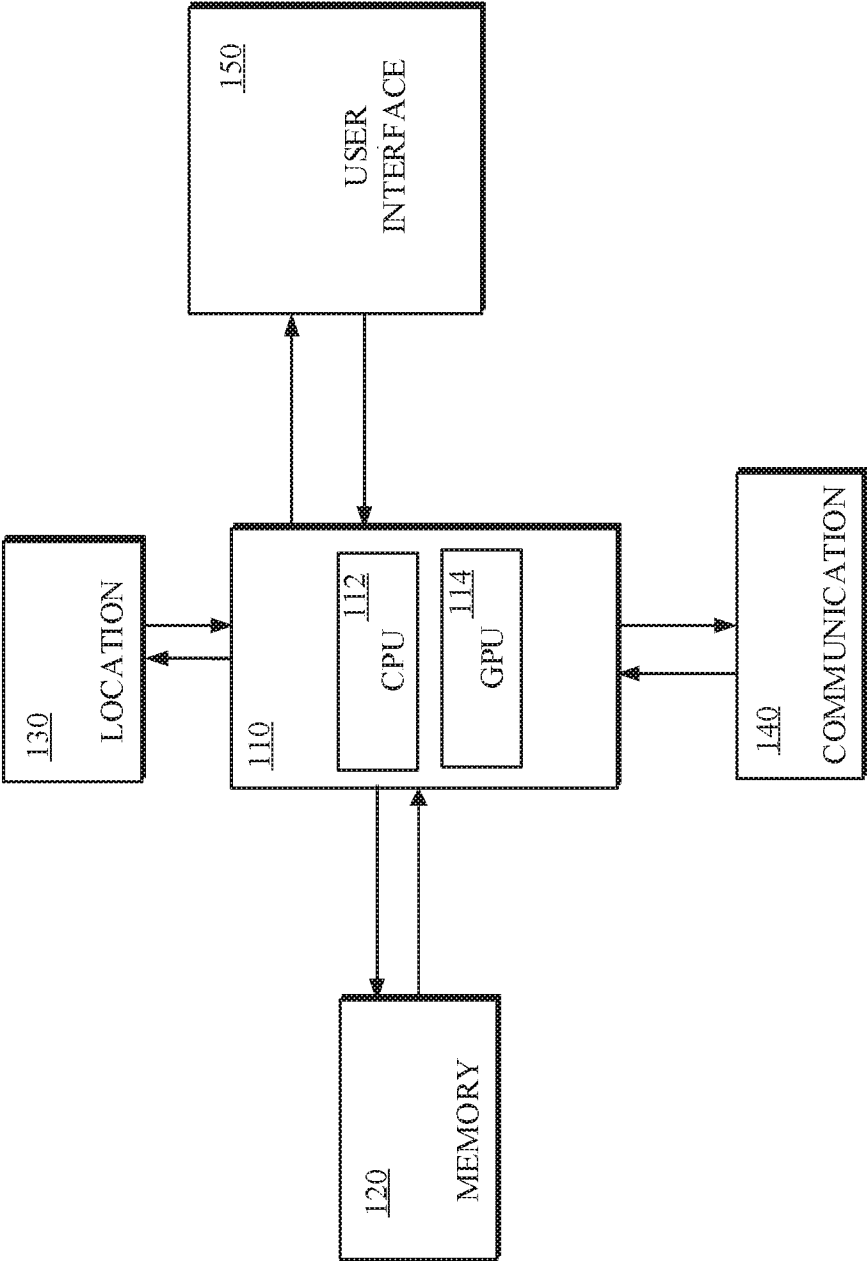


FIG. 1

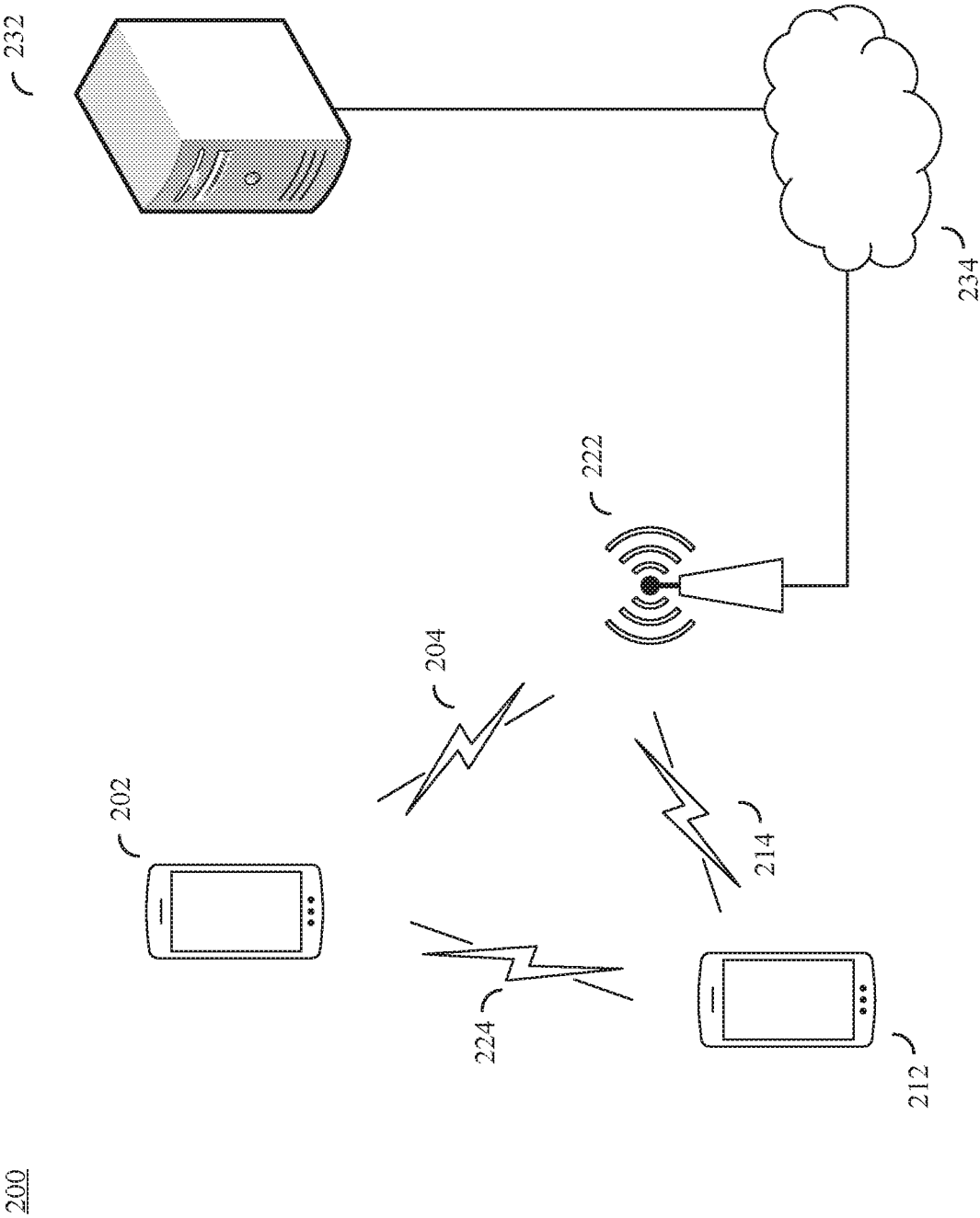


FIG. 2

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300

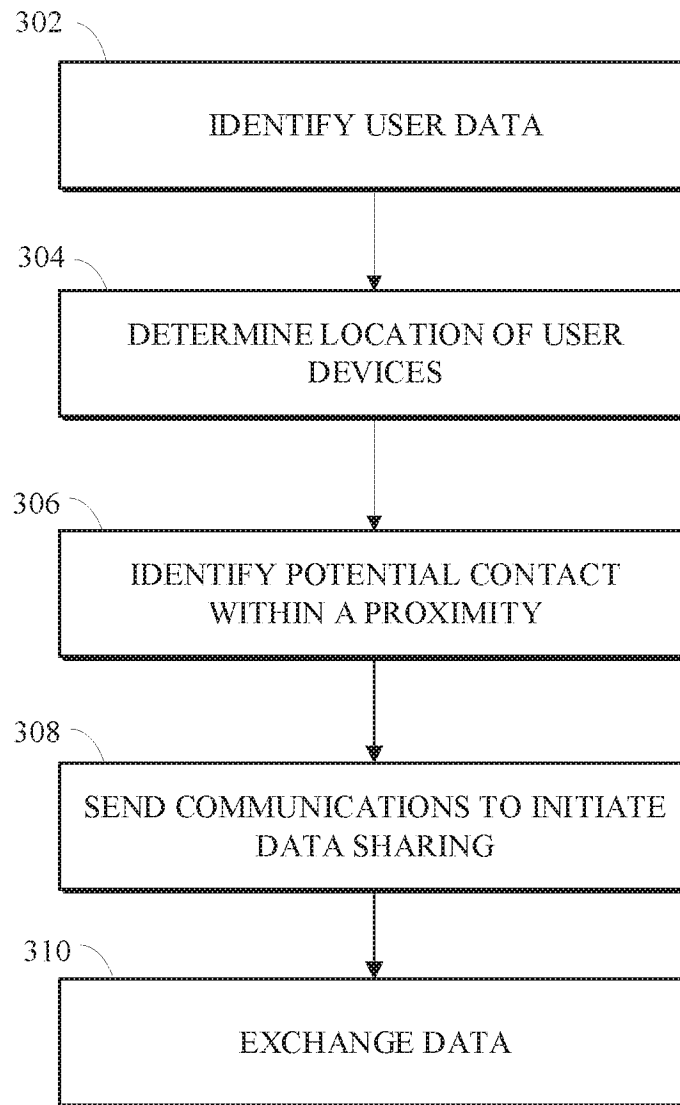


FIG. 3

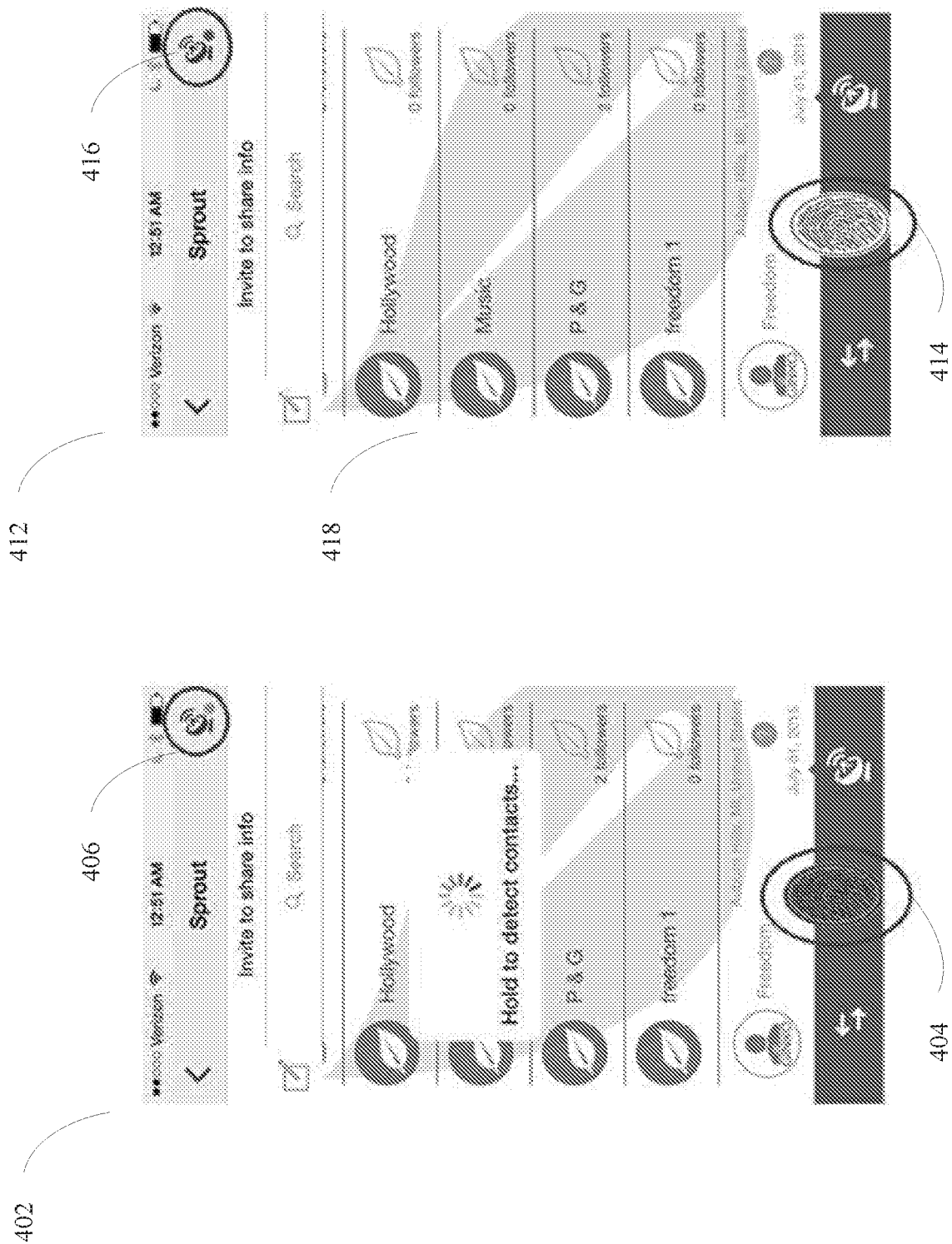


FIG. 4

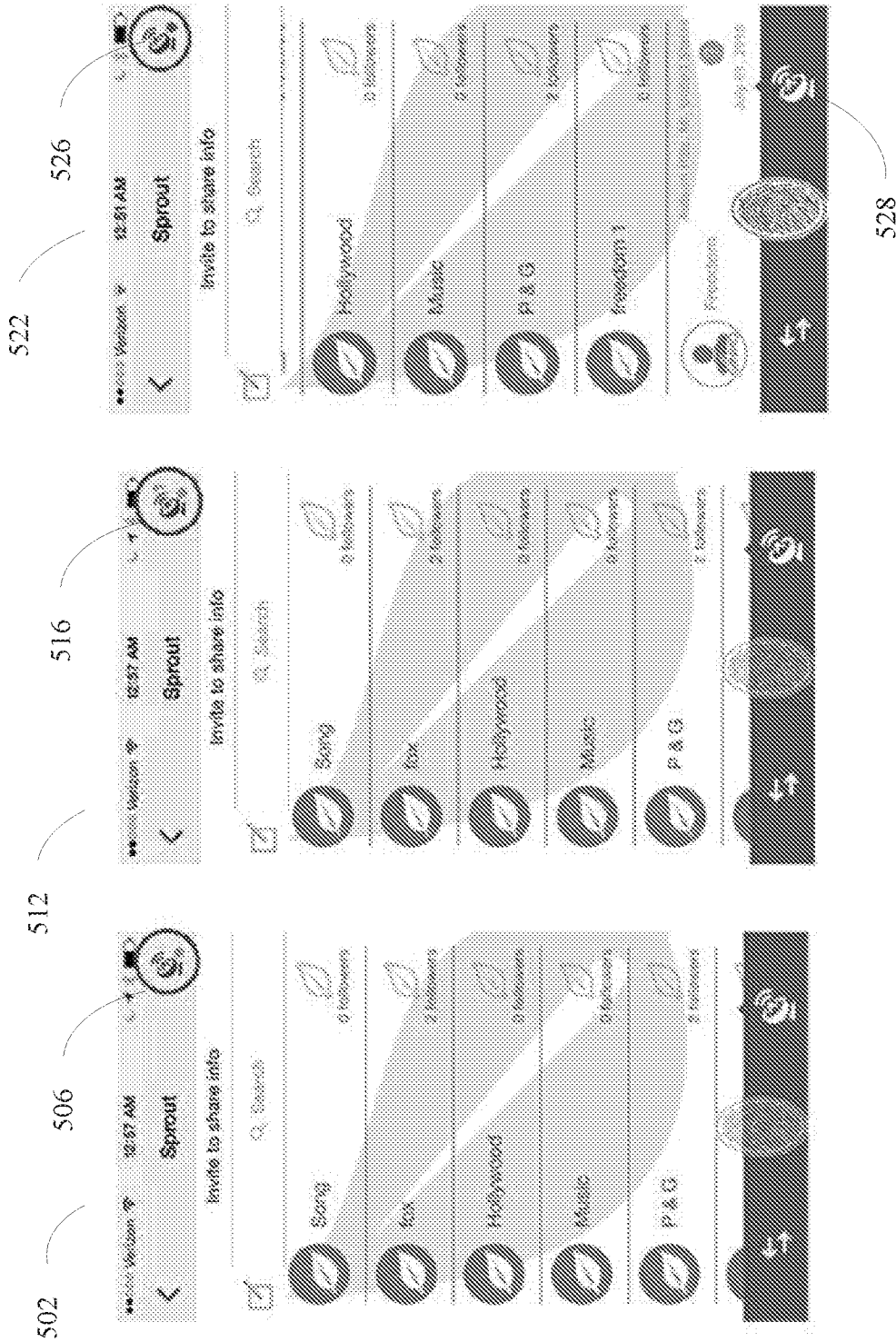


FIG. 5

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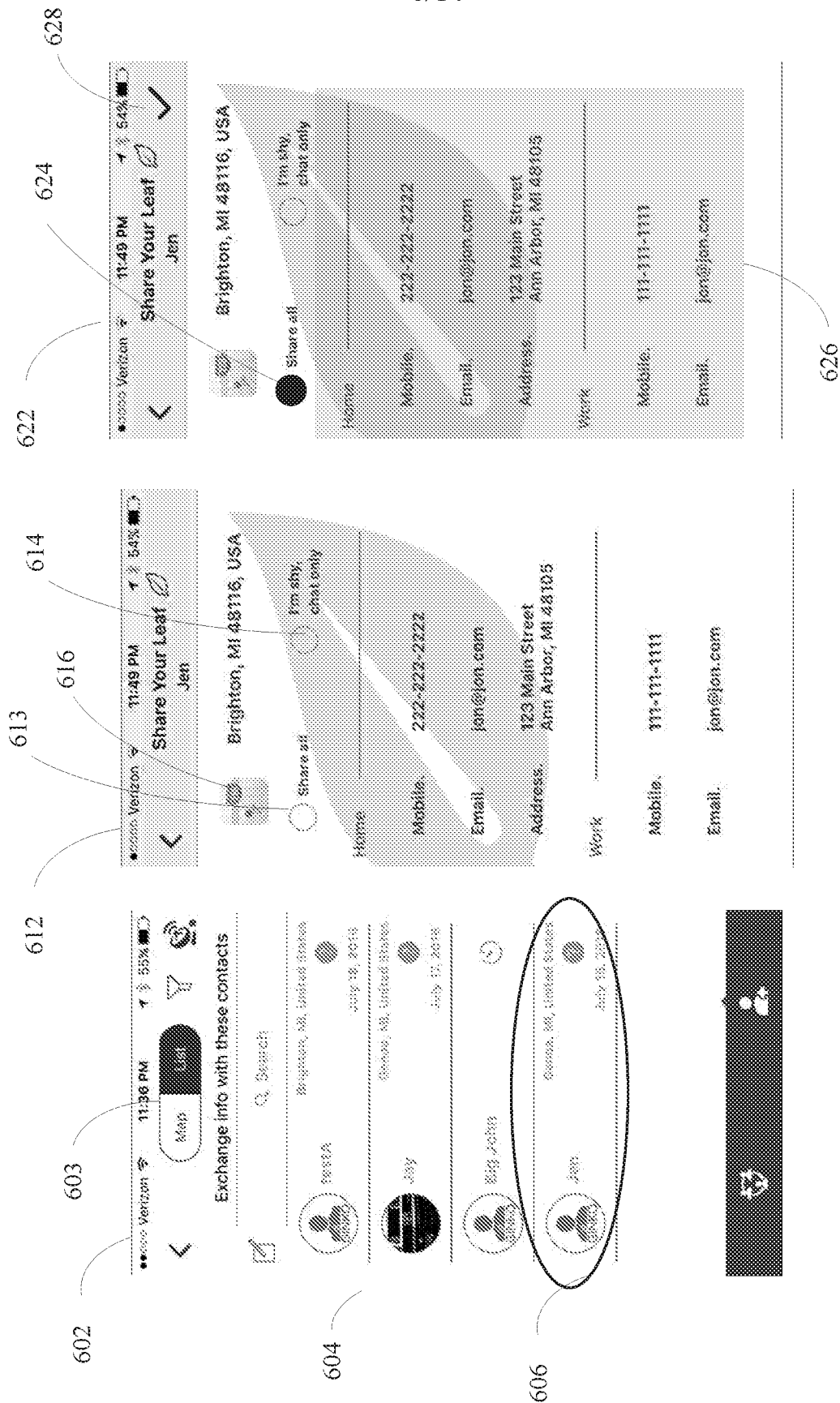


FIG. 6

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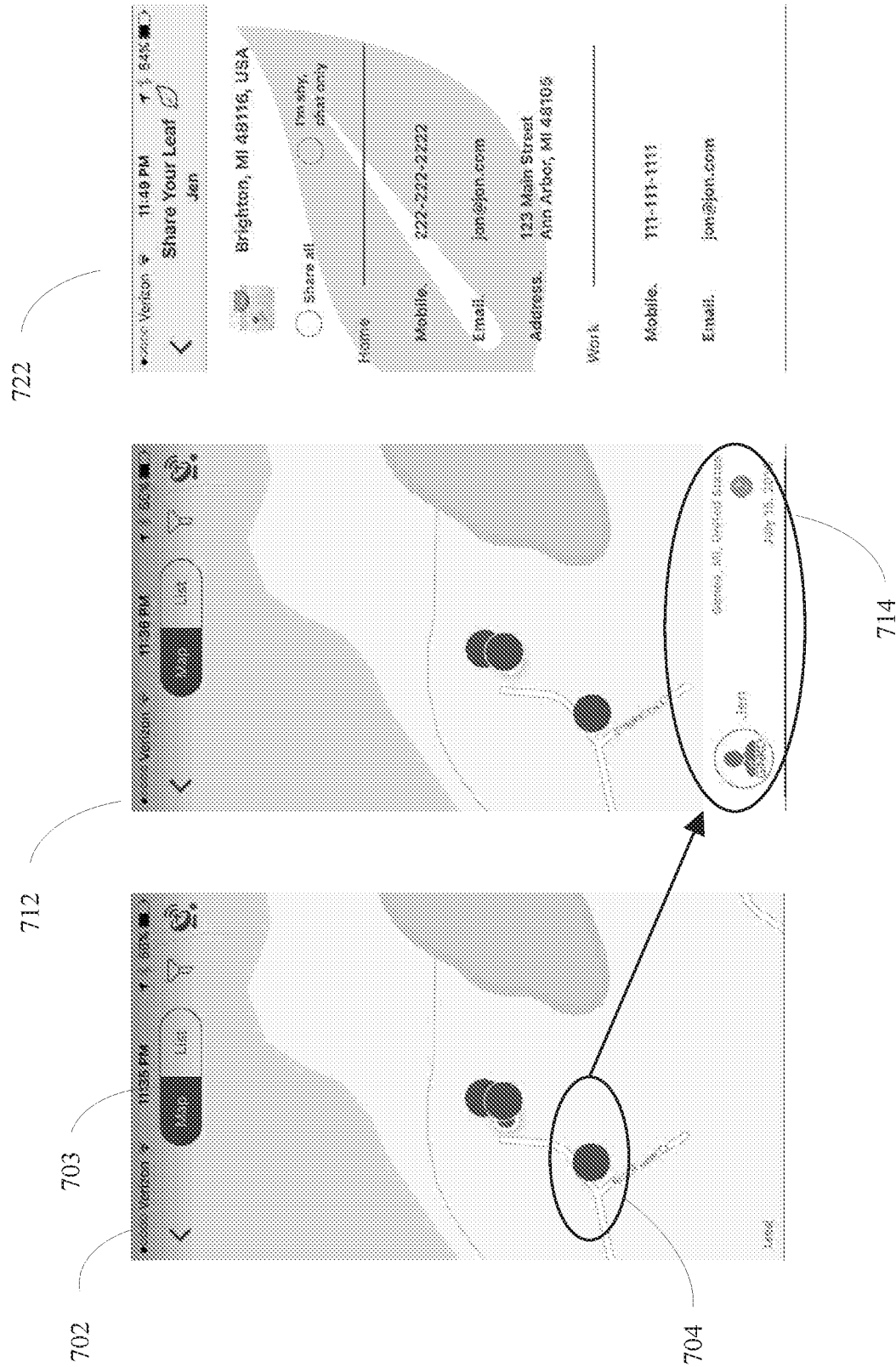


FIG. 7

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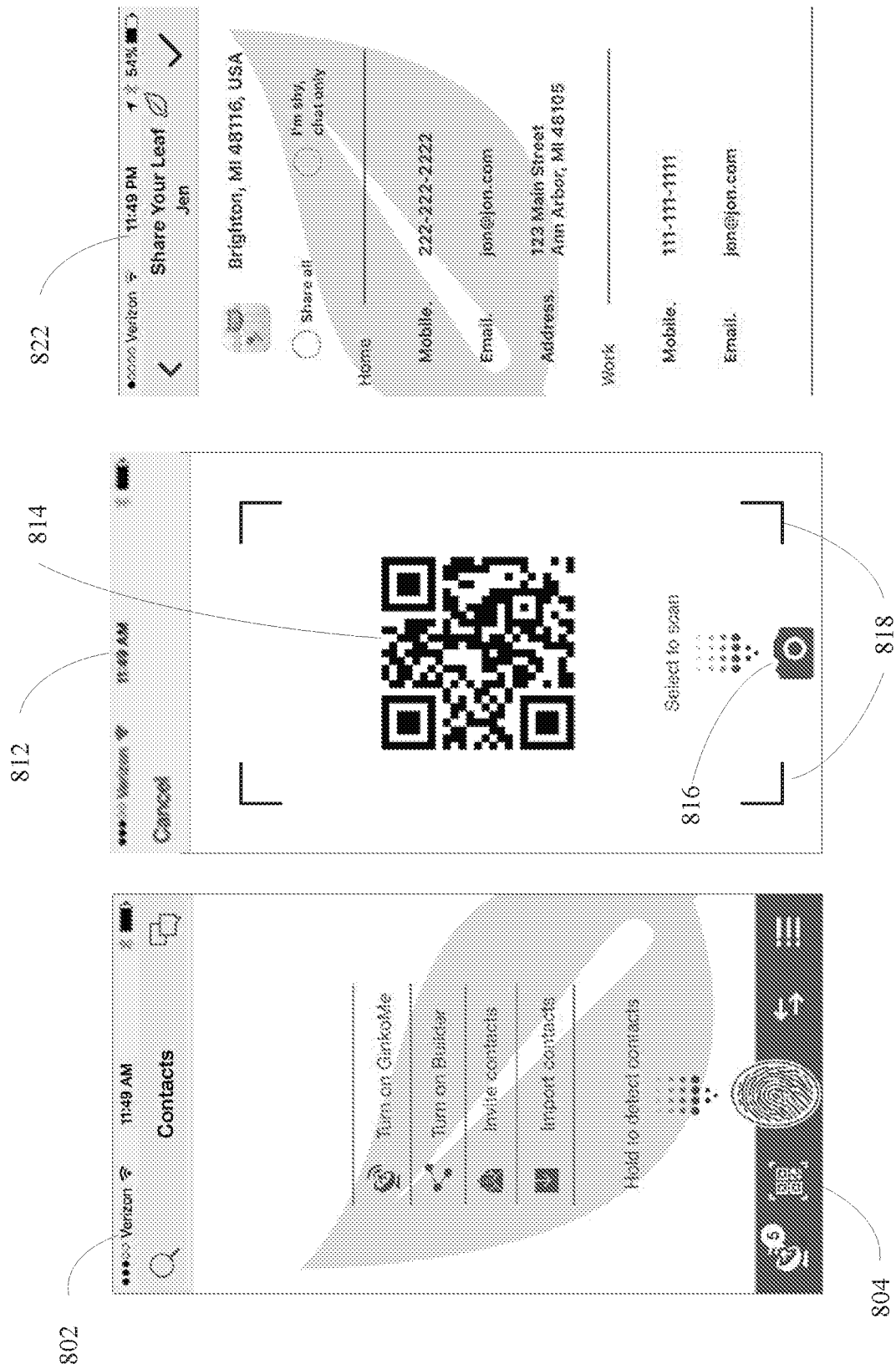


FIG. 8

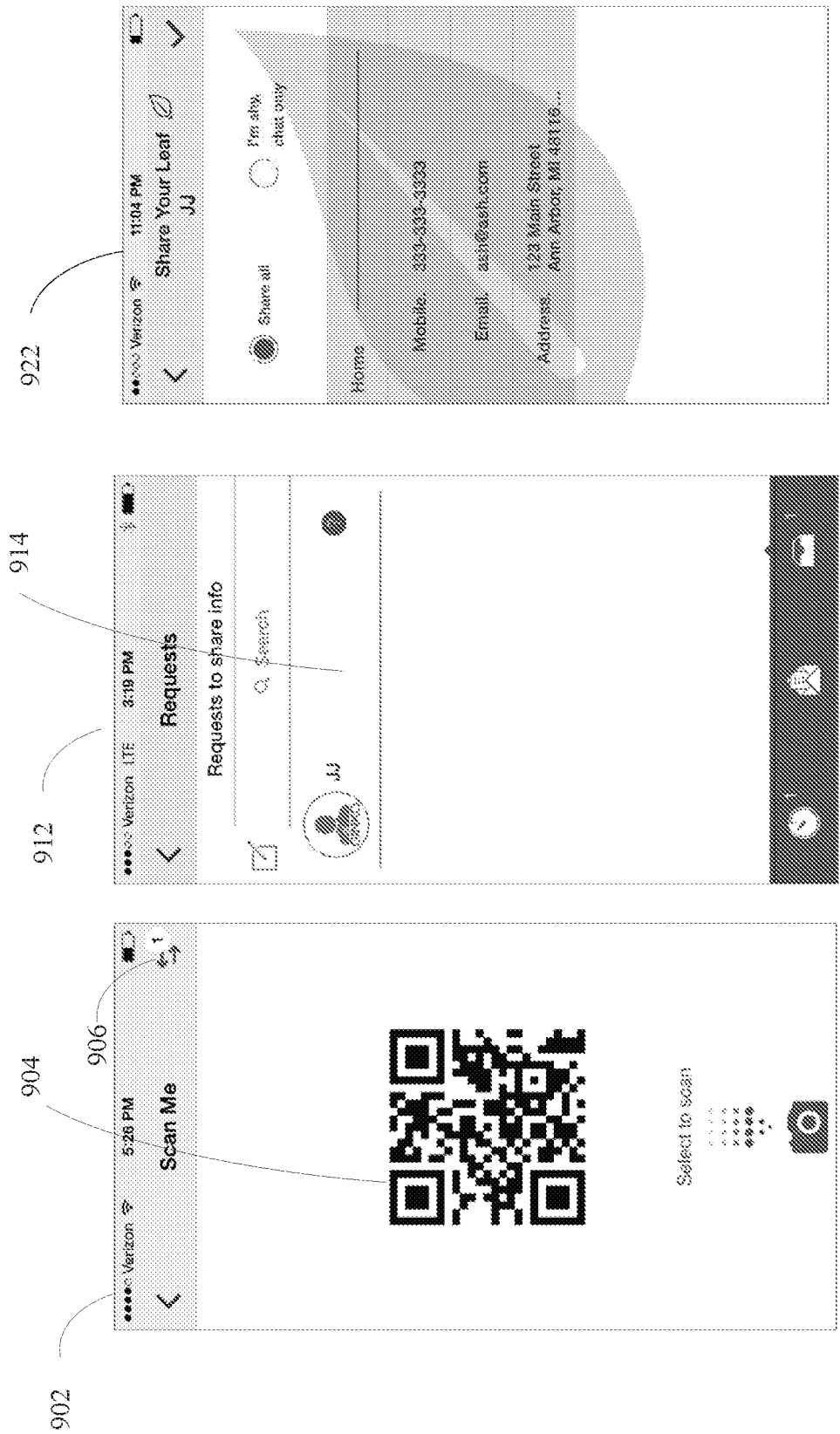


FIG. 9

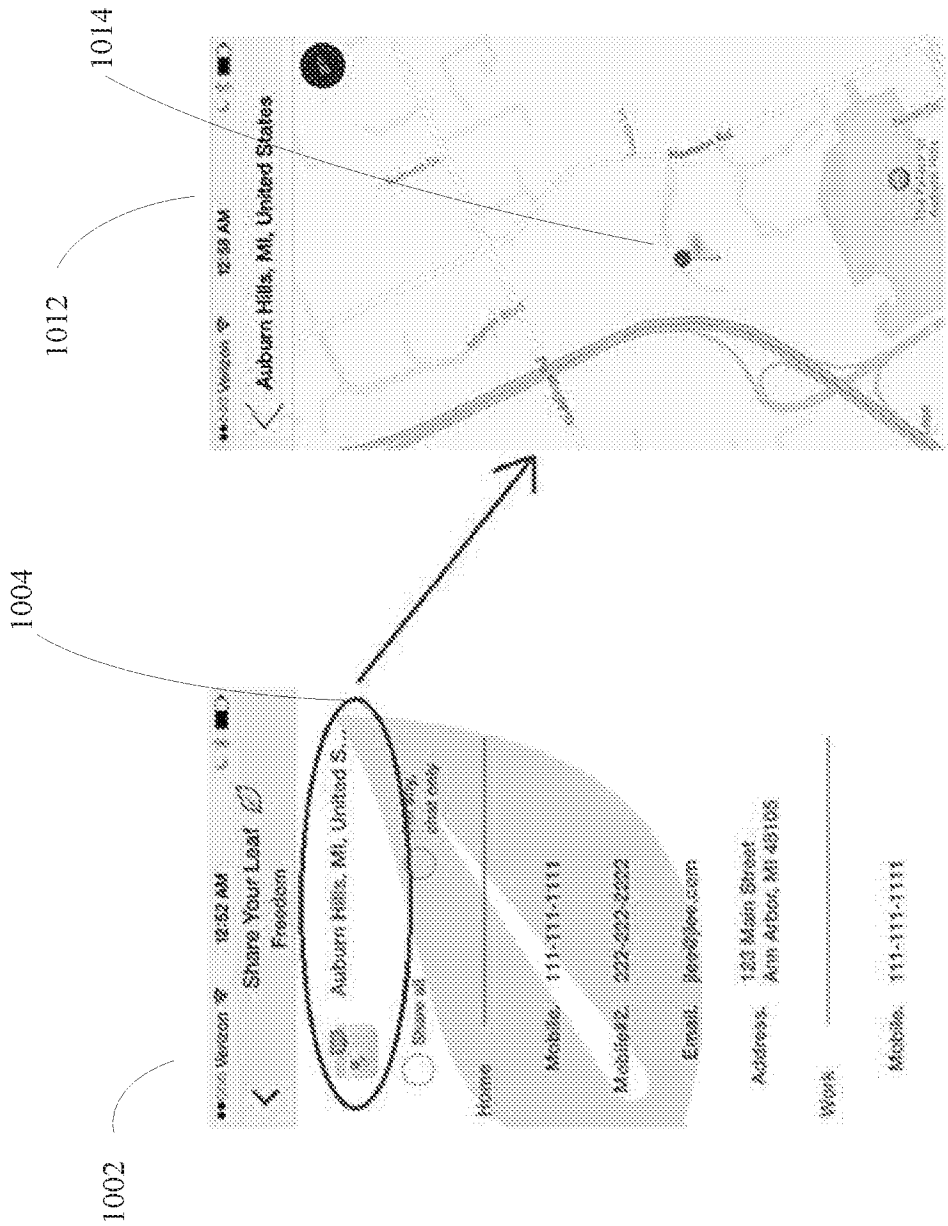


FIG. 10

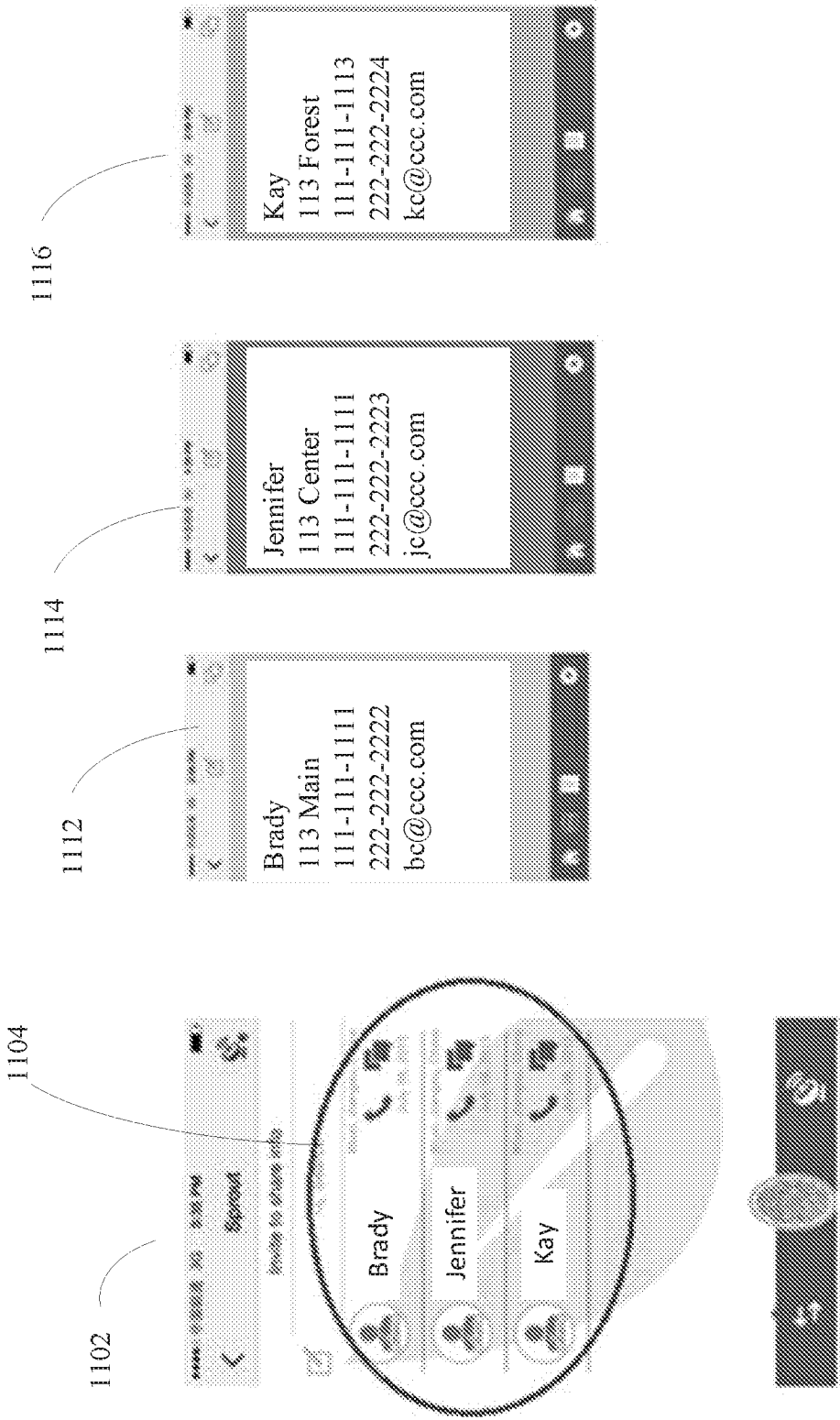


FIG. 11

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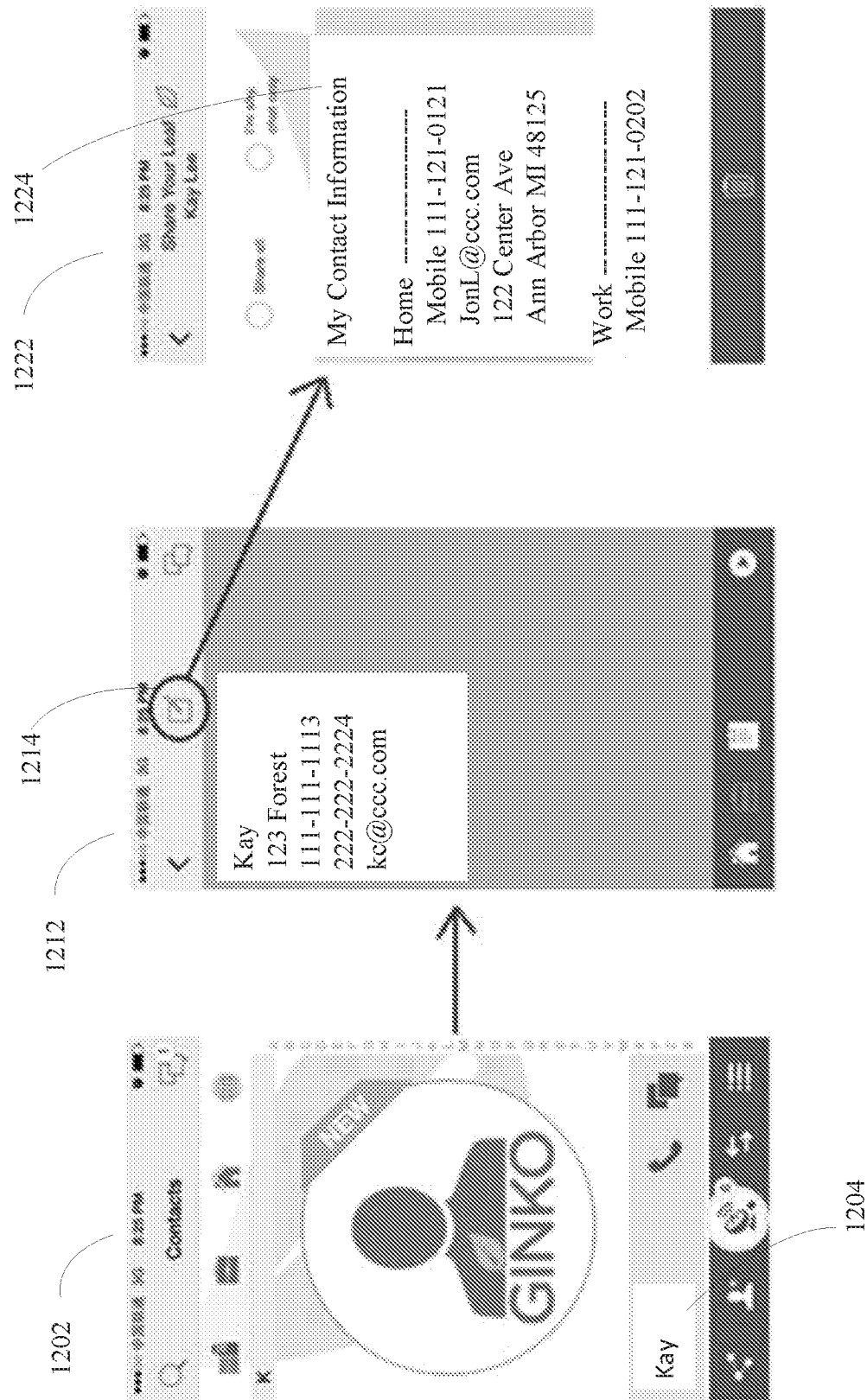


FIG. 12

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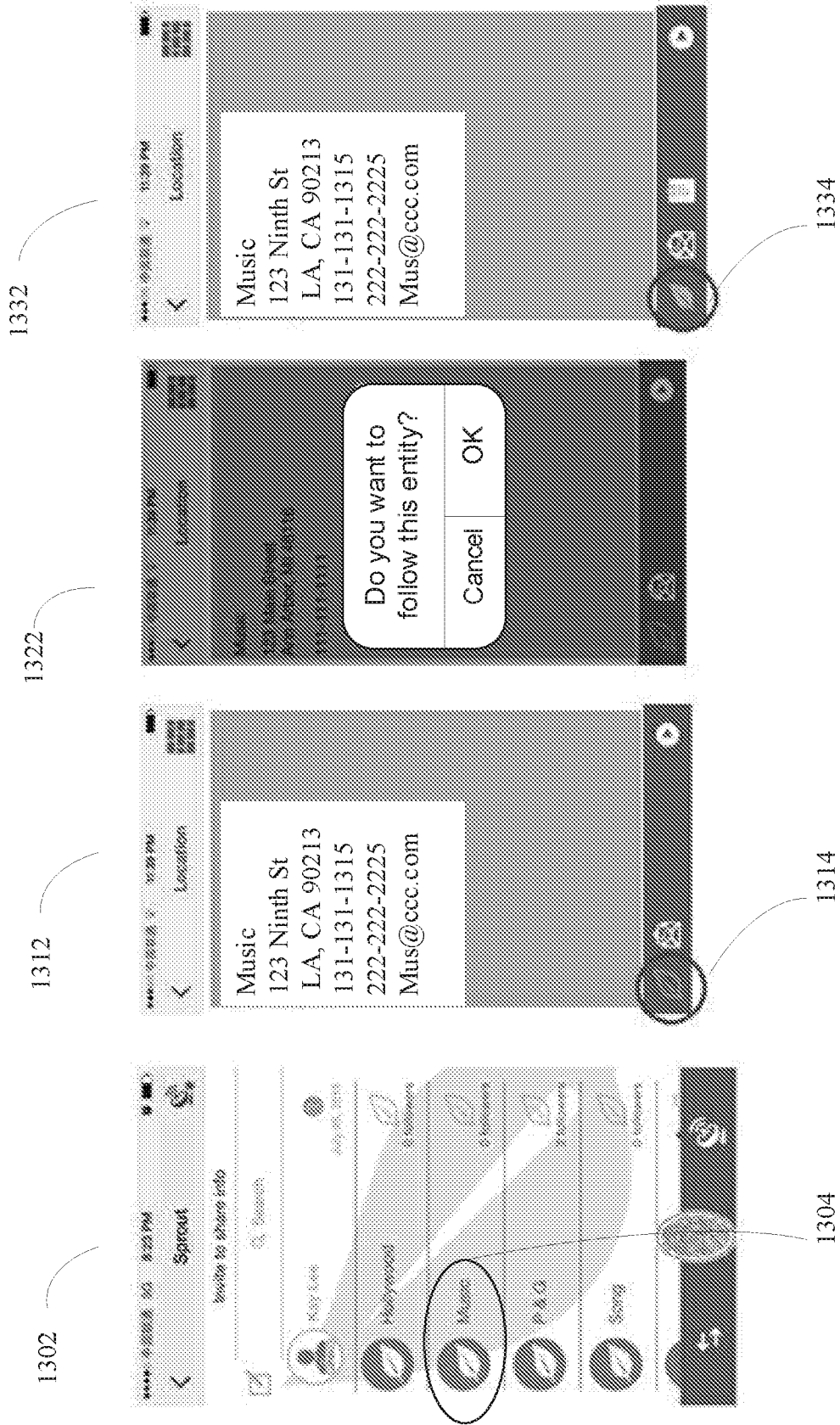


FIG. 13

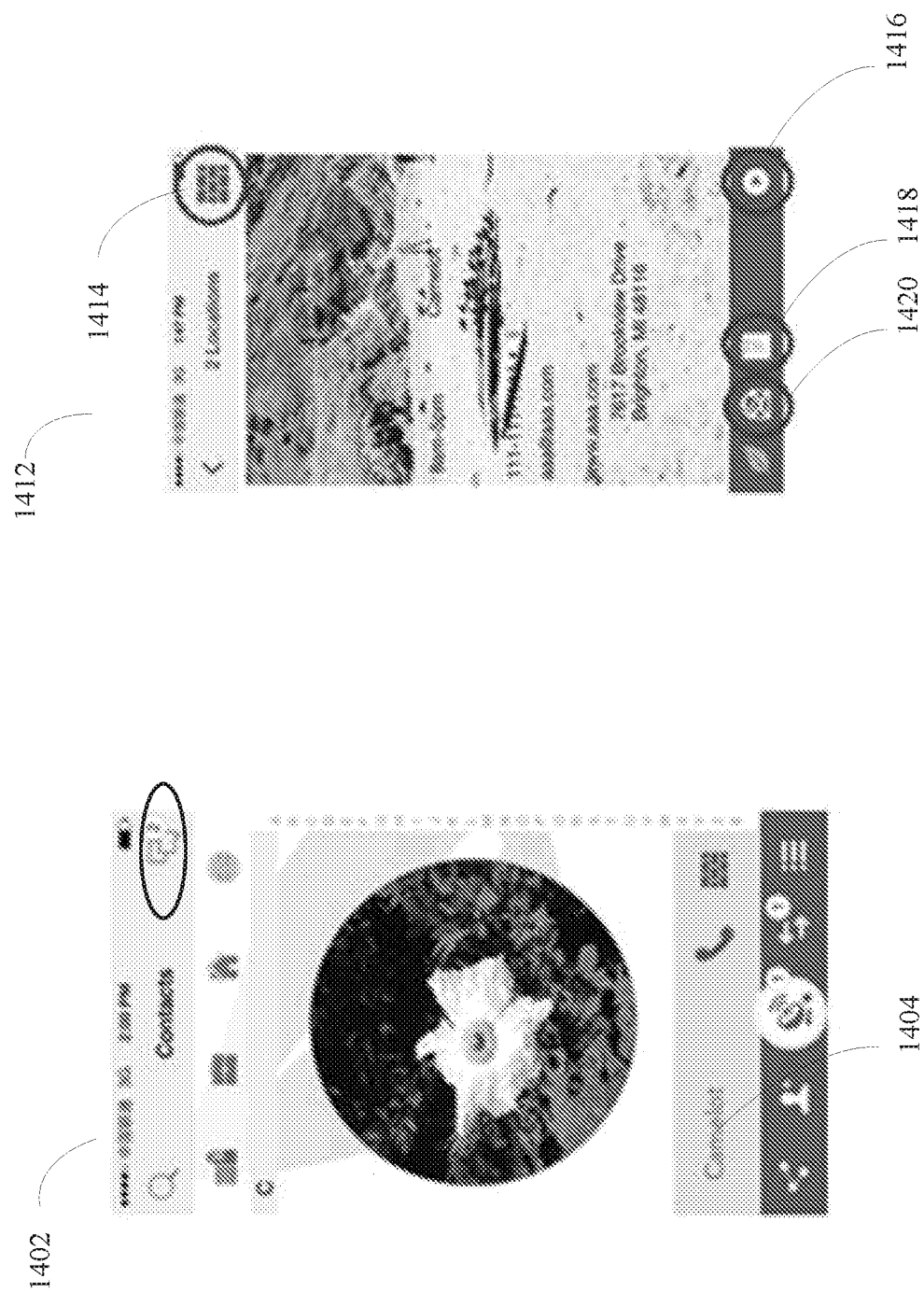


FIG. 14

Electronic Patent Application Fee Transmittal

Application Number:

Filing Date:

Title of Invention:

METHOD AND APPARATUS FOR DATA SHARING

First Named Inventor/Applicant Name:

Ronald J. Czajka II

Filer:

Michelle L. Knight/Mary Ellen Donovan

Attorney Docket Number:

XCH-101-D

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
UTILITY FILING FEE (ELECTRONIC FILING)	4011	1	75	75
UTILITY SEARCH FEE	2111	1	330	330
UTILITY EXAMINATION FEE	2311	1	380	380

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

APPLE

EXHIBIT 1003 - 0273

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				785

Electronic Acknowledgement Receipt

EFS ID:	34516653
Application Number:	16212902
International Application Number:	
Confirmation Number:	7450
Title of Invention:	METHOD AND APPARATUS FOR DATA SHARING
First Named Inventor/Applicant Name:	Ronald J. Czajka II
Customer Number:	48980
Filer:	Michelle L. Knight/Mary Ellen Donovan
Filer Authorized By:	Michelle L. Knight
Attorney Docket Number:	XCH-101-D
Receipt Date:	07-DEC-2018
Filing Date:	
Time Stamp:	11:41:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$785
RAM confirmation Number	120718INTEFSW00012290250115
Deposit Account	250115
Authorized User	Mary Ellen Donovan

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

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

APPLE

EXHIBIT 1003 - 0275

37 CFR 1.19 (Document supply fees)
37 CFR 1.20 (Post Issuance fees)
37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	XCH101D_ExecutedDec_Czajka.PDF	46352	no	1
			4eeb8cf999df1fd58faadc0daf0e748f9e0373c9		
Warnings:					
Information:					
2	Oath or Declaration filed	XCH101D_ExecutedDec_Attisha.PDF	154055	no	2
			e09112bcad8ab11053844a92325a5d6396cf7855		
Warnings:					
Information:					
3	Application Data Sheet	XCH101D_ADS.PDF	1823052	no	9
			2dc2843e9e6cb33dad350e2b36073e80763d802c		
Warnings:					
Information:					
4		XCH101D_Application.PDF	639548	yes	29
			a90809f2e2918b58c118f4c407004f7769be0239		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	23	
	Claims		24	28	
	Abstract		29	29	
Warnings:					
Information:					
5	Drawings-only black and white line drawings	XCH101D_Drawings.PDF	1166133	no	14
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APPL E					

APPLE

Warnings:					
Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	35148	no	2
			619eaa6aceec21e543a8f96266c2062f85830dc0		
Warnings:					
Information:					
Total Files Size (in bytes):			3864288		
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Application Number: 16212902

Document Date: 12/07/2018

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- Drawing

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