AO 120 (Rev. 08/10)

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

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

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

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:22-cv-00166	May 20, 2022	Eastern District of Texas

PLAINTIFF	DEFENDANT
Zilkr Cloud Technologies, LLC	Cisco Systems, Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,210,254	12/8/2015	Zilkr Cloud Technologies, LLC
2	9,883,048	1/30/2018	Zilkr Cloud Technologies, LLC
3	9,883,047	1/30/2018	Zilkr Cloud Technologies, LLC
4	9,998,607	6/12/2018	Zilkr Cloud Technologies, LLC
5			

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

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

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

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/087,768	12/08/2015	9210254	4503-00101	8491

30652 7590 11/18/2015

CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

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 116 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):

Shango Corp, LLC, Austin, TX;
Evin Hunt, Austin, TX;

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

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

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

30652 7590 08/04/2015
CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

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

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

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/087,768	11/22/2013	Evin Hunt	4503-00101	8491

TITLE OF INVENTION: Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	11/04/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
EL-ZOOBI, MARIA	2656	379-093010

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

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

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

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

(A) NAME OF ASSIGNEE: SHANGO CORP, LLC
(B) RESIDENCE: (CITY and STATE OR COUNTRY): AUSTIN, TX

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

4a. The following fee(s) are submitted:
☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)
☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 50-1515 (enclose an extra copy of this form).

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

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

Authorized Signature /MICHAEL W. Piper/ Date 2015-11-03
Typed or printed name Michael W. Piper Registration No. 39,800

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

Electronic Patent Application Fee Transmittal

Application Number:	14087768
Filing Date:	22-Nov-2013
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Filer:	Michael W. Piper/Laura Dean
Attorney Docket Number:	4503-00101

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	480	480

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**480**

Electronic Acknowledgement Receipt

EFS ID:	23972897
Application Number:	14087768
International Application Number:	
Confirmation Number:	8491
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Customer Number:	30652
Filer:	Michael W. Piper
Filer Authorized By:	
Attorney Docket Number:	4503-00101
Receipt Date:	03-NOV-2015
Filing Date:	22-NOV-2013
Time Stamp:	18:36:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$480
RAM confirmation Number	4665
Deposit Account	501515
Authorized User	PIPER, MICHAEL W.
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	ORSH_4503_00101_Certificate_of_Transmission.pdf	81313 286cc50a61f56d2586f9d7a617b1ad8d791030be	no	1
Warnings:					
Information:					
2	Post Allowance Communication - Incoming	ORSH_4503_00101_Comments_on_Statement_of_Reasons_for_Allowance.pdf	91771 4a4bbeadd4082c9353272a6b7ea425a8b89b3780	no	2
Warnings:					
Information:					
3	Issue Fee Payment (PTO-85B)	ORSH_4503_00101_Part_B_Issue_Fee_Transmittal.pdf	98226 5ea8fddb1129770a9a3f3ff6d5a0972260f5d9c3	no	1
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30477 d6083802f18db738d50957cb5709f06cfd4790fb	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	301787		

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

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

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shango Corp, LLC	§	
		§	
Inventor:	Evin Hunt	§	
		§	Group Art Unit: 2656
Serial No.:	14/087,768	§	
		§	Examiner: El-Zoobi, Maria
Filed:	November 22, 2013	§	
		§	Confirmation No.: 8491
For:	Unified Services Platform Using A Telephone Number as a Common Subscriber Identifier	§	

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 37 C.F.R. §1.8, I hereby certify that this correspondence:

1. **Comments on Statement of Reasons for Allowance;**
2. **Part B Issue Fee Transmittal; and**
3. **this Certificate of Transmission Under 37 C.F.R. 1.8**

is being electronically transmitted from within the Central Time Zone to the Commissioner for Patents via the EFS web server on:

November 3, 2015.
Date

/Michael W. Piper/
Michael W. Piper

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shango Corp, LLC	§	
		§	
Inventor:	Evin Hunt	§	
		§	Group Art Unit: 2656
Serial No.:	14/087,768	§	
		§	Examiner: El-Zoobi, Maria
Filed:	November 22, 2013	§	
		§	Confirmation No.: 8491
For:	Unified Services Platform Using A Telephone Number as a Common Subscriber Identifier	§	

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

In response to the Notice of Allowance dated August 4, 2015 in the above-identified patent application, Applicant respectfully submits the following comments on statement of reasons for allowance.

Applicant agrees that none of the art of record, either alone or in combination, teaches, suggests, discloses or makes obvious any of the allowed claims. Although certain specific features of independent claims 1, 8, and 15 were discussed in the *Reasons for Allowance*, Applicant notes that other features of the independent claims may further distinguish the claims over the art of record. Applicant understands that the *Reasons for Allowance* and the conclusion of allowability of the claims relate to each of the claims as a whole and not to any particularly claimed feature or group of features. Applicant understands that it is the combination of claimed features as a whole in each of the allowed claims that have been found to be statutory, enabled, definite, novel, and non-obvious.

Applicant further understands that each dependent claim, even if not specifically addressed in the *Reasons for Allowance*, has been found to include a combination of

features such that each dependent claim is neither anticipated nor obvious over the art of record, and the test for patentability has been properly applied to each allowed dependent claim. Thus, the patentability of the dependent claims is not based solely on their dependency on an allowed independent claim. In other words, each of the claims sets forth the inventors' contribution with particularity, and each claim is allowable in light of the complete language of the claim, as well as equivalents.

CONCLUSION

If the Examiner has any questions or comments or otherwise feels it would be helpful, they are encouraged to telephone the undersigned at the number listed below.

Respectfully submitted,

Date: November 3, 2015

/Michael W. Piper/
Michael W. Piper
Reg. No. 39,800

CONLEY ROSE, P.C.
5601 Granite Parkway, Suite 500
Plano, Texas 75024
(972) 731-2288
(972) 731-2289 (facsimile)

ATTORNEY FOR APPLICANT

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

30652 7590 08/04/2015

CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

EXAMINER
EL-ZOOBI, MARIA

ART UNIT	PAPER NUMBER
2656	

DATE MAILED: 08/04/2015

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/087,768	11/22/2013	Evin Hunt	4503-00101	8491

TITLE OF INVENTION: Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	11/04/2015

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

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

HOW TO REPLY TO THIS NOTICE:

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

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

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

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

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

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

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

PTOL-85 (Rev. 02/11)

PART B - FEE(S) TRANSMITTAL

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

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

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

30652 7590 08/04/2015
CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

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

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

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/087,768	11/22/2013	Evin Hunt	4503-00101	8491

TITLE OF INVENTION: Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	11/04/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
EL-ZOOBI, MARIA	2656	379-093010

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

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

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

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

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

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

4a. The following fee(s) are submitted:
❑ Issue Fee
❑ Publication Fee (No small entity discount permitted)
❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)
❑ A check is enclosed.
❑ Payment by credit card. Form PTO-2038 is attached.
❑ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

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

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

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/087,768	11/22/2013	Evin Hunt	4503-00101	8491

30652 7590 08/04/2015

CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

EXAMINER	
EL-ZOOBI, MARIA	

ART UNIT	PAPER NUMBER
2656	

DATE MAILED: 08/04/2015

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

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

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

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

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

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

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

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 14/087,768	Applicant(s) HUNT, EVIN	
	Examiner MARIA EL-ZOOBI	Art Unit 2656	AIA (First Inventor to File) Status Yes

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

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

1. ☒ This communication is responsive to *7/7/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *1-4,6-11,13-18 and 20*. 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 _____.

/MARIA EL-ZOOBI/ Primary Examiner, Art Unit 2656	8/3/2015

DETAILED ACTION

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

Allowable Subject Matter

2. Claims 1-4, 6-11, 13-18, 20 are allowed.

3. The following is an examiner's statement of reasons for allowance: Ketchell in view of Moore discloses the claimed telephone system, however, Ketchell in view of Moore or any of the cited art does not teach "wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service".

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

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARIA EL-ZOOBI whose telephone number is (571)270-3434. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 5712727499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/MARIA EL-ZOOBI/
Primary Examiner, Art Unit 2656

Notice of References Cited	Application/Control No. 14/087,768	Applicant(s)/Patent Under Reexamination HUNT, EVIN	
	Examiner MARIA EL-ZOOBI	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2015/0052009	02-2015	Ketchell, III, Paul John	705/26.8
*	B	US-9,025,753	05-2015	Moore et al.	379/211.02
*	C	US-2009/0125409	05-2009	BARTON, Christopher S.	705/26
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	Art Unit
	MARIA EL-ZOOBI	2656

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
379	102.01	5/6/2015	M.EL

SEARCH NOTES		
Search Notes	Date	Examiner
inventor name search	5/6/2015	M.EL
text search	5/6/2015	M.EL
plus search	5/6/2015	M.EL

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
705	26.8	8/3/2015	M.EL

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	**Art Unit**
	MARIA EL-ZOOBI	2656

CPC						
Symbol					**Type**	**Version**
H04M		3	/	2209	F	2013-01-01
H04M		3	/	42297	I	2013-01-01
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 17	
/MARIA EL-ZOOBI/ Primary Examiner.Art Unit 2656 (Primary Examiner)	8/3/2015 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	**Art Unit**
	MARIA EL-ZOOBI	2656

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION										
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED					
379	93.01	H	0	4	M	11 / 00 (2006.01.01)						
CROSS REFERENCE(S)												
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)											
705	26.8											

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 17	
/MARIA EL-ZOOBI/ Primary Examiner.Art Unit 2656 (Primary Examiner)	8/3/2015 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	**Art Unit**
	MARIA EL-ZOOBI	2656

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

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	17	20												
2	2														
3	3														
4	4														
5	6														
6	7														
7	8														
8	9														
9	10														
10	11														
11	13														
12	14														
13	15														
14	16														
15	17														
16	18														

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 17	
/MARIA EL-ZOOBI/ Primary Examiner.Art Unit 2656 (Primary Examiner)	8/3/2015 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 8491

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
14/087,768	11/22/2013	379	2656	4503-00101

APPLICANTS
Shango Corp, LLC, Austin, TX;

INVENTORS
Evin Hunt, Austin, TX;

**** CONTINUING DATA ***************************
This appln claims benefit of 61/888,856 10/09/2013

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

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
12/03/2013

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and Acknowledged /MARIA EL-ZOOBI/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		TX	11	20	3

ADDRESS

CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024
UNITED STATES

TITLE

Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

FILING FEE RECEIVED		
730	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	Art Unit
	MARIA EL-ZOOBI	2656

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

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

CLAIM		DATE								
Final	Original	05/06/2015	08/03/2015							
	1	✓	=							
	2	✓	=							
	3	✓	=							
	4	✓	=							
	5	O	-							
	6	✓	=							
	7	✓	=							
	8	✓	=							
	9	✓	=							
	10	✓	=							
	11	✓	=							
	12	O	-							
	13	✓	=							
	14	✓	=							
	15	✓	=							
	16	✓	=							
	17	✓	=							
	18	✓	=							
	19	O	-							
	20	✓	=							

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shango Corp, LLC	§	
		§	
Inventor:	Evin Hunt	§	
		§	Group Art Unit: 2656
Serial No.:	14/087,768	§	
		§	Examiner: El-Zoobi, Maria
Filed:	November 22, 2013	§	
		§	Confirmation No.: 8491
For:	Unified Services Platform Using A Telephone Number as a Common Subscriber Identifier	§	

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Commissioner:

Applicant acknowledges receipt of the Office Action dated May 18, 2015, and respectfully requests consideration of the following amendments to the above-identified application. The changes made are shown by underlining the added text and striking through the deleted text.

Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

***Listing of the Claims*:**

1. (Currently Amended) A telephone system comprising:

a database; and

a server coupled to the database, wherein the server is utilized by a first provider to provide a first service to a first user, wherein the first service is telephone service, and wherein the telephone service is associated with a first telephone number;

wherein the server is configured to:

receive a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider;

responsive to receiving the request:

create a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user;

activate the second service with the second provider utilizing the second ID as a user ID for the first user; and

associate the second service with the first telephone number, wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

2. (Original) The telephone system as recited in claim 1, wherein the server is further configured to associate a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user.

3. (Original) The telephone system as recited in claim 2, wherein the server is further configured to:

create a unified storefront for managing the plurality of services associated with the first telephone number; and

enable login access to the unified storefront for the first user using the first telephone number.

4. (Original) The telephone system as recited in claim 3, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number.

5. (Canceled)

6. (Original) The telephone system as recited in claim 2, wherein the server is further configured to combine billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

7. (Original) The telephone system as recited in claim 1, wherein the second service is a conferencing application, voice attendant application, or text messaging application.

8. (Currently Amended) A method comprising:

providing a first service to a first user by a first provider, wherein the first service is telephone service, and wherein the first user has a first telephone number;

receiving a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider;

responsive to receiving the request:

creating a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user;

activating the second service with the second provider utilizing the second ID as a user ID for the first user; and

associating the second service with the first telephone number, wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

9. (Original) The method as recited in claim 8, further comprising associating a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user.

10. (Original) The method as recited in claim 9, further comprising:

creating a unified storefront for managing the plurality of services associated with the first telephone number; and

enabling login access to the unified storefront for the first user using the first telephone number.

11. (Original) The method as recited in claim 10, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number.

12. (Canceled)

13. (Original) The method as recited in claim 9, further comprising combining billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

14. (Original) The method as recited in claim 8, wherein the second service is a conferencing application, voice attendant application, or text messaging application.

15. (Currently Amended) A non-transitory computer readable storage medium comprising program instructions, wherein when executed the program instructions are operable to:

provide a first service to a first user by a first provider, wherein the first service is telephone service, and wherein the first user has a first telephone number;

receive a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider;

responsive to receiving the request:

create a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user;

activate the second service with the second provider utilizing the second ID as a user ID for the first user; and

associate the second service with the first telephone number, wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

16. (Original) The non-transitory computer readable storage medium as recited in claim 15, wherein the program instructions are further operable to associate a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user.

17. (Original) The non-transitory computer readable storage medium as recited in claim 16, wherein when executed the program instructions are further operable to:

create a unified storefront for managing the plurality of services associated with the first telephone number; and

enable login access to the unified storefront for the first user using the first telephone number.

18. (Original) The non-transitory computer readable storage medium as recited in claim 17, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number.

19. (Canceled)

20. (Original) The non-transitory computer readable storage medium as recited in claim 16, wherein the program instructions are further operable to combine billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

REMARKS

This application has been carefully considered in connection with the Examiner's Office Action dated May 18, 2015. Reconsideration and allowance are respectfully requested in view of the following.

Summary of Rejections

Claims 1-20 were pending at the time of the Office Action.

Claims 5, 12, and 19 were objected to.

Claims 1-4, 6-11, 13-18, and 20 were rejected under 35 U.S.C. § 103.

With regard to the art rejections, the Office Action has cited Ketchell, III, U.S. Pub. No. 2015/0052009 A1 ("Ketchell"); Moore, et al., U.S. Patent No. 9,025,753 B2; and Barton, U.S. Pub. No. 2009/0125409 ("Barton").

Summary of Claims

Claims 1, 8, and 15 are currently amended herein.

Claims 5, 12, and 19 are canceled herein.

Claims 2-4, 6, 7, 9-11, 13, 14, 16-18, and 20 remain as originally submitted.

Claims 1-4, 6-11, 13-18, and 20 are currently pending following this response.

Remarks and Arguments are provided below.

Detailed Response

Rejection of Claims 1, 8, and 15 Under 35 U.S.C. § 103(a)

Claims 1, 8, and 15 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Ketchell in view of Moore.

I. Ketchell and Moore do not teach wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

Claims 1, 8, and 15 have been amended to recite, "wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service," which has been indicated as being allowable if re-written in independent form. Thus, the amendments to claims 1, 8, and 15 should result in these claims, and their dependent claims, being allowable.

Accordingly, for at least the reasons established above in section I, Applicant respectfully submits that independent claims 1, 8, and 15 are not taught or suggested by Ketchell in view of Moore and respectfully request allowance of these claims.

Allowable Subject Matter

Applicant thanks Examiner El-Zoobi for the indication of allowable subject matter in claims 5, 12, and 19. In the interest of advancing prosecution, independent claims 1, 8, and 15 have been amended to include the allowable subject matter and claims 1-4, 6-11, 13-18, and 20 should be in condition for allowance.

Conclusion

Applicant respectfully submits that the present application is in condition for allowance for the reasons stated above. If the Examiner has any questions or comments or otherwise feels it would be helpful in expediting the application, he is encouraged to telephone the undersigned at (972) 731-2288.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the foregoing papers submitted herewith, or to credit any overpayment thereof, to Deposit Account 50-1515 of Conley Rose P.C.

Respectfully submitted,

Date: July 7, 2015

/Michael W. Piper/
Michael W. Piper
Reg. No. 39,800

ATTORNEY FOR APPLICANT

CONLEY ROSE, P.C.
5601 Granite Parkway, Suite 500
Plano, Texas 75024
(972) 731-2288
(972) 731-2289 (facsimile)

Electronic Acknowledgement Receipt

EFS ID:	22839116
Application Number:	14087768
International Application Number:	
Confirmation Number:	8491
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Customer Number:	30652
Filer:	Michael W. Piper
Filer Authorized By:	
Attorney Docket Number:	4503-00101
Receipt Date:	07-JUL-2015
Filing Date:	22-NOV-2013
Time Stamp:	17:07:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	ORSH_4503_00101_Certificate_of_Transmission.pdf	80931 03b56dae358e33f89fcff56a18ed88104d391344	no	1

Warnings:	
Information:	

2		ORSH_4503_00101_Response_to_Office_Action.pdf	112346 492192e8870bd519cee116b5a20b99bf97216def	yes	11

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	9
	Applicant Arguments/Remarks Made in an Amendment	10	11

Warnings:	
Information:	
Total Files Size (in bytes):	193277

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

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

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shango Corp, LLC	§	
		§	
Inventor:	Evin Hunt	§	
		§	Group Art Unit: 2656
Serial No.:	14/087,768	§	
		§	Examiner: El-Zoobi, Maria
Filed:	November 22, 2013	§	
		§	Confirmation No.: 8491
For:	Unified Services Platform Using A Telephone Number as a Common Subscriber Identifier	§	

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 37 C.F.R. §1.8, I hereby certify that this correspondence:

1. **Response to Office Action; and**
2. **this Certificate of Transmission Under 37 C.F.R. 1.8**

is being electronically transmitted from within the Central Time Zone to the Commissioner for Patents via the EFS web server on:

July 7, 2015.
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/Michael W. Piper/
Michael W. Piper

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/087,768	11/22/2013	Evin Hunt	4503-00101	8491

30652 7590 05/18/2015

CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

EXAMINER
EL-ZOOBI, MARIA

ART UNIT	PAPER NUMBER
2656	

MAIL DATE	DELIVERY MODE
05/18/2015	PAPER

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

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

Office Action Summary	Application No. 14/087,768	Applicant(s) HUNT, EVIN	
	Examiner MARIA EL-ZOOBI	Art Unit 2656	AIA (First Inventor to File) Status Yes

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

1)☒ Responsive to communication(s) filed on *11/22/2013*.

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

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

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

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5)☒ Claim(s) *1-20* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-20* is/are rejected.

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

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

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

Application Papers

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

11)☒ The drawing(s) filed on *11/22/2013* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

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

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

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

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

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

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

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

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

4) ☐ Other: _____.

DETAILED ACTION

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

Claim Rejections - 35 USC § 103

1. 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 of this title, 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.

2. Claims 1-2, 7-9, 14-16 are rejected under 35 U.S.C. 103 as being unpatentable over Ketchell (US 20150052009) in view of Moore (US 9,025753).

Regarding claim 1, Ketchell discloses, a telephone system (Fig. 1) comprising: a database (Fig. 1, el. 112); and a server coupled to the database (Fig. 1, el. 116 and 160), wherein the server is utilized by a first provider to provide a first service to a first user (Paragraph 54, 56); and wherein the service is associated with a first telephone number (Paragraph 93);

wherein the server is configured to: receive a request to provision a second service for the first user, wherein the second service is provided by a second provider (Paragraph 54, 56), and wherein the second provider is different than the first provider (Paragraph 54, 56); responsive to receiving the request: activate the second service with the second provider, the second provider is utilize by second provider (paragraph 47, 59, 123, 133,134).

Ketchell does not disclose wherein the first service is telephone service, create a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user; activate the second service with the second provider utilizing the second ID as a user ID for the first user; and associate the second service with the first telephone number.

Moore discloses offering different services by different providers to a user (abstract), more discloses wherein the first service is telephone service, create a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user; activate the second service with the second provider utilizing the second ID as a user ID for the first user; and associate the second service with the first telephone number (abstract, Fig. 2A, 2B, Col. 4, lines 27-50, Col. 8, lines 58-67).

Therefore, it would have been obvious to one with ordinary skill in the art before the filing date of the invention to modify Ketchell with Moore in order to improve the system and increase the efficiency in retrieving and requesting services for the same user and provide comprehensive services.

Regarding claim 2, Ketchell in view of Moore, wherein the server is further configured to associate a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user (Moore: (abstract, Fig. 2A, 2B, Col. 4, lines 27-50, Col. 8, lines 58-67, Ketchell: Fig. 1-2).

Regarding claim 7, Ketchell in view of Moore, wherein the second service is a conferencing application, voice attendant application, or text messaging application (Moore: claim 21).

Regarding claim 8, a method comprising: providing a first service to a first user by a first provider, wherein the first service is telephone service, and wherein the first user has a first telephone number; receiving a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider; responsive to receiving the request: creating a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user; activating the second service with the second provider utilizing the second ID as a user ID for the first user; and associating the second service with the first telephone number (see claim 1 rejection).

Regarding claim 9, Ketchell in view of Moore, associating a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user (see claim 2 rejection).

Regarding claim 14, Ketchell in view of Moore, wherein the second service is a conferencing application, voice attendant application, or text messaging application (see claim 7 rejection).

Regarding claim 15, see claim 1 rejection.

Regarding claim 16, Ketchell in view of Moore, wherein the program instructions are further operable to associate a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user (see claim 2 rejection).

Claims 3-4, 6, 10-11, 13, 17-18, 20 are rejected under 35 U.S.C. 103 as being unpatentable over Ketchell (US 20150052009) in view of Moore (US 9,025753) in view of Barton (US 20090125409).

Regarding claim 3, Ketchell in view of Moore discloses, the claimed system.

Ketchell in view of Moore does not disclose wherein the server is further configured to: create a unified storefront for managing the plurality of services associated with the first telephone number; and enable login access to the unified storefront for the first user using the first telephone number.

Barton in the same art of endeavor discloses create a unified storefront for managing the plurality of services associated with the first telephone number; and enable login access to the unified storefront for the first user using the first telephone number (abstract, Paragraph 15-18).

Therefore, it would have been obvious to one with ordinary skill in the art before the filing date of the invention to modify Ketchell with Barton in order to provide easy and manageable way for the user to control their services.

Regarding claim 4, Ketchell in view of Moore in view of Barton discloses, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number (Barton abstract, Paragraph 15-18).

Regarding claim 6, Ketchell in view of Moore discloses, the claimed system. Ketchell in view of Moore does not disclose wherein the server is further configured to combine billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

Barton in the same art of endeavor discloses server is further configured to combine billing information for the plurality of services and provide a single bill to the first user for the plurality of services (abstract).

Therefore, it would have been obvious to one with ordinary skill in the art before the filing date of the invention to modify Ketchell with Barton in order to improve the system and provide a better way to manage the user bill.

Regarding claim 10, see claim 3 rejection.

Regarding claim 11, see claim 4 rejection.

Regarding claim 13, see claim 6 rejection.

Regarding claim 17, see claim 3 rejection.

Regarding claim 18, see claim 4 rejection.

Regarding claim 20, see claim 6 rejection.

Allowable Subject Matter

1. Claims 5, 12, 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARIA EL-ZOOBI whose telephone number is (571)270-3434. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 5712727499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/MARIA EL-ZOOBI/

Primary Examiner, Art Unit 2656

Notice of References Cited	Application/Control No. 14/087,768	Applicant(s)/Patent Under Reexamination HUNT, EVIN	
	Examiner MARIA EL-ZOOBI	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2015/0052009	02-2015	Ketchell, III, Paul John	705/26.8
*	B	US-9,025,753	05-2015	Moore et al.	379/211.02
*	C	US-2009/0125409	05-2009	BARTON, Christopher S.	705/26
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	Art Unit
	MARIA EL-ZOOBI	2656

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

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

CLAIM		DATE								
Final	Original	05/06/2015								
	1	✓								
	2	✓								
	3	✓								
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	15	✓								
	16	✓								
	17	✓								
	18	✓								
	19	O								
	20	✓								

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	11	"7,843934".pn. "20060188073" "20050083911"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/06 12:40
S2	1	14/087768	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:11
S3	3	evin.in. and hunt.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:12
S4	5	"20090125409"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:17
S5	9	"20080004972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:17
S6	2	(platform near1 services) with ($4phone near3 (id identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:20
S7	520	(platform near1 services) and ($4phone near3 (id identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:22
S8	0	(platform near1 services) and (($4phone near3 (id identification)) with associate with serivce)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:23
S9	18	($4phone near3 (id identification)) with subscrib$3 with (many different	US-PGPUB; USPAT;	OR	ON	2015/05/05 13:25

		multiple) with services	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S10	11	($4phone near3 (id identification)) with subscrib$3 with (many different multiple) with services and provider and platform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:25
S11	17	($4phone near3 (id identification)) with subscrib$3 with (many different multiple) with services and provider	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:27
S14	659	($4phone near3 (id identification number)) with (customer client subscrib$3) and (many different multiple) near3 services near2 provider	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 13:56
S15	659	(($4phone near3 (id identification number)) with (customer client subscrib$3)) and ((many different multiple) near3 services near2 provider)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 14:06
S16	11	S15 and 379/201.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 14:07
S17	1	unified near1 $4phone near1 services	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 14:23
S18	659	(($4phone near3 (id identification number)) with (customer client subscrib$3)) and ((many different multiple) near3 services near2 provider)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/05 15:38
S19	742	(($4phone near3 (id identification number)) and (customer client subscrib$3)) and ((many different multiple) near3 services near2 provider) and platform and server and database and (text messag$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/06 09:36
S20	9	S19 and 379/201.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/06 09:37
S21	112	S19 and "379"/$.ccls.	US-PGPUB; USPAT;	OR	ON	2015/05/06 09:40

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S22	1	combin$3 with billing with information with services with ((one single) near1 bill)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/06 11:24

5/6/2015 12:58:32 PM
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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14087768	HUNT, EVIN
	Examiner	Art Unit
	MARIA EL-ZOOBI	2656

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
379	102.01	5/6/2015	M.EL

SEARCH NOTES		
Search Notes	Date	Examiner
inventor name search	5/6/2015	M.EL
text search	5/6/2015	M.EL
plus search	5/6/2015	M.EL

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

PLUS Search Results for S/N 14087768, Searched Tue May 05 13:45:58 EDT 2015

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5764886 58
6243444 54
6097970 49
H001885 49
20040047319 46
5495483 45
5521906 45
5533008 45
5539777 45
5606577 45
5608725 45
5619505 45
5682419 45
5231571 45
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5233648 45

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/087,768	11/22/2013	Evin Hunt	4503-00101

CONFIRMATION NO. 8491

30652
CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

PUBLICATION NOTICE

OC000000074644272

Title: Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

Publication No.US-2015-0103985-A1
Publication Date:04/16/2015

NOTICE OF PUBLICATION OF APPLICATION

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

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

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

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

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

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

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/087,768	11/22/2013	Evin Hunt	6789-00101

CONFIRMATION NO. 8491

30652
CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

NONPUBLICATION RESCISSION LETTER

OC000000072744558

Date Mailed: 01/09/2015

Communication Regarding Rescission Of Nonpublication Request and/or Notice of Foreign Filing

Applicant's rescission of the previously-filed nonpublication request and/or notice of foreign filing is acknowledged. The paper has been reflected in the Patent and Trademark Office's (USPTO's) computer records so that the earliest possible projected publication date can be assigned.

The projected publication date is 04/16/2015.

If applicant rescinded the nonpublication request before or on the date of "foreign filing,"[1] then no notice of foreign filing is required.

If applicant foreign filed the application after filing the above application and before filing the rescission, and the rescission did not also include a notice of foreign filing, then a notice of foreign filing (not merely a rescission) is required to be filed within 45 days of the date of foreign filing. See 35 U.S.C. § 122(b)(2)(B)(iii), and Clarification of the United States Patent and Trademark Office's Interpretation of the Provisions of 35 U.S.C. § 122(b)(2)(B)(ii)-(iv), 1272 Off. Gaz. Pat. Office 22 (July 1, 2003).

If a notice of foreign filing is required and is not filed within 45 days of the date of foreign filing, then the application becomes abandoned pursuant to 35 U.S.C. § 122(b)(2)(B)(iii). In this situation, applicant should either file a petition to revive or notify the Office that the application is abandoned. See 37 CFR 1.137(f). Any such petition to revive will be forwarded to the Office of Petitions for a decision. Note that the filing of the petition will not operate to stay any period of reply that may be running against the application.

Questions regarding petitions to revive should be directed to the Office of Petitions at (571) 272-3282.

[1] Note, for purpose of this notice, that "foreign filing" means "filing an application directed to the same invention in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing".

/ctuazon/

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/087,768	11/22/2013	Evin Hunt	6789-00101

CONFIRMATION NO. 8491

30652
CONLEY ROSE, P.C.
5601 GRANITE PARKWAY, SUITE 500
PLANO, TX 75024

POA ACCEPTANCE LETTER

OC000000072744726

Date Mailed: 01/09/2015

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/07/2015.

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.

/ctuazon/

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/087,768	11/22/2013	Evin Hunt	6789-00101

CONFIRMATION NO. 8491

35690
MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398

POWER OF ATTORNEY NOTICE

OC000000072744717

Date Mailed: 01/09/2015

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/07/2015.

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

/ctuazon/

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

PTO/SB/36 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

RESCISSION OF PREVIOUS NONPUBLICATION REQUEST
(35 U.S.C. 122(b)(2)(B)(ii))
AND, IF APPLICABLE,
NOTICE OF FOREIGN FILING
(35 U.S.C. 122(b)(2)(B)(iii))

Send completed form to:
Mail Stop PG Pub
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX: (571) 273-8300

Application Number	14087768
Filing Date	2013-11-22
First Named Inventor	Evin Hunt
Title	Unified Services Platform Using a Telephone N
Atty Docket Number	4503-00101
Art Unit	2447
Examiner	

A request that the above-identified application not be published under 35 U.S.C. 122(b) (nonpublication request) was included with the above-identified application on filing pursuant to 35 U.S.C. 122(b)(2)(B)(i).
I hereby **rescind** the previous nonpublication request.

If a notice of foreign or international filing is or will be required by 35 U.S.C. 122(b)(2)(B)(iii) and 37 CFR 1.213(c), I hereby provide such notice. This notice is being provided no later than forty-five (**45**) days after the date of such foreign or international filing.

*If a notice of subsequent foreign or international filing required by 35 U.S.C. 122(b)(2)(B)(iii) and 37 CFR 1.213(c) was not filed within forty-five (**45**) days after the date of filing of the foreign or international application, the application is ABANDONED, and a petition to revive under 37 CFR 1.137(b) is required. See 37 CFR 1.137(f).*

/Michael W. Piper/	2015-01-07
Signature	Date
Michael W. Piper	39,800
Typed or printed name	Registration Number, if applicable
972-731-2288	
Telephone Number	

This request must be signed in compliance with 37 CFR 1.33(b).

If information or assistance is needed in completing this form, please contact the Pre-Grant Publication Division at (703)605-4283 or by e-mail at PGPub@USPTO.gov.

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PG Pub, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature		
Name (Print/Type)	Date	

This collection of information is required by 37 CFR 1.213(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 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: Mail Stop PG Pub, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. 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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shango Corp, LLC	§	
		§	
Inventor:	Evin Hunt	§	
		§	Group Art Unit: 2447
Serial No.:	14/087,768	§	
		§	Examiner: Unknown
Filed:	November 22, 2013	§	
		§	Confirmation No.: 8491
For:	Unified Services Platform Using A Telephone Number as a Common Subscriber Identifier	§	

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 37 C.F.R. §1.8, I hereby certify that this correspondence:

1. **Power of Attorney;**
2. **Rescission of Previous Nonpublication Request; and**
3. **this Certificate of Transmission Under 37 C.F.R. 1.8**

is being electronically transmitted from within the Central Time Zone to the Commissioner for Patents via the EFS web server on:

January 7, 2015.
Date

/Michael W. Piper/
Michael W. Piper

Electronic Acknowledgement Receipt

EFS ID:	21141793
Application Number:	14087768
International Application Number:	
Confirmation Number:	8491
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Customer Number:	35690
Filer:	Michael W. Piper
Filer Authorized By:	
Attorney Docket Number:	6789-00101
Receipt Date:	07-JAN-2015
Filing Date:	22-NOV-2013
Time Stamp:	18:59:31
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	ORSH_4503-00101_Signed_POA.pdf	1538840 56393fd3f095b306ba90481415224c46ccceeabf	no	2

Warnings:	
Information:	

2	Rescind Nonpublication Request for Pre Grant Pub	ORSH_4503-00101_Rescission_of_Nonpublication_Request.pdf	258824 7518671c9b9c63844c114b0c6a04893ac20e8229	no	2
Warnings:					
Information:					
3	Miscellaneous Incoming Letter	ORSH_4503-00101_Certificate_of_Transmission.pdf	81936 00294345c75ba20c9df798ed301f5fe715032cca	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	1879600		

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.

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82A (07-12)

Approved for use through 11/30/2014. OMB 0651-0035

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

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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B or equivalent) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5. If the Power of Attorney by Applicant form is not accompanied by this transmittal form or an equivalent, the Power of Attorney will not be recognized in the application.

Application Number	14/087,786
Filing Date	2013-11-22
First Named Inventor	Evin Hunt
Title	Unified Services Platform Using a Telephone Number as a Common Subscriber Identifier
Art Unit	
Examiner Name	
Attorney Docket Number	4503-00101

SIGNATURE of Applicant or Patent Practitioner

Signature	/Michael W. Piper/	Date	2015-01-07
Name	Michael W. Piper	Telephone	972-731-2288
Registration Number	39,800		

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

☐ *Total of _____ forms are submitted.

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

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

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82B(07-12)

Approved for use through 11/30/2014. OMB 0651-0035

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

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POWER OF ATTORNEY BY APPLICANT

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

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

30652

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

Name	Registration Number	Name	Registration Number

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

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

OR

☐ The address associated with Customer Number:

OR

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

I am the Applicant:

☐ Inventor or Joint Inventor

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor

☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (*e.g.*, a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document)

SIGNATURE of Applicant for Patent

Signature		Date	12/10/2014
Name	DAVID P WALSH	Telephone	512 925 1406
Title and Company	CEO - SHANGO LLC		

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

☐ *Total of _____ forms are submitted.

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

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

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
14/087,768	11/22/2013	Evin Hunt	6789-00101

CONFIRMATION NO. 8491

35690
MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398

POA ACCEPTANCE LETTER

OC000000066169369

Date Mailed: 01/24/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/16/2014.

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.

/ddinh/

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

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82A (07-12)

Approved for use through 11/30/2014. OMB 0651-0035

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

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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B or equivalent) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5. If the Power of Attorney by Applicant form is not accompanied by this transmittal form or an equivalent, the Power of Attorney will not be recognized in the application.

Application Number	14/087,768
Filing Date	November 22, 2013
First Named Inventor	Evin Hunt
Title	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
Art Unit	2656
Examiner Name	Unknown
Attorney Docket Number	6789-00101

SIGNATURE of Applicant or Patent Practitioner

Signature	/ Rory D. Rankin /	Date	January 16, 2014
Name	Rory D. Rankin	Telephone	512-853-8800
Registration Number	47884		

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

☐ *Total of _____ forms are submitted.

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

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

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Approved for use through 11/30/2014. OMB 0651-0051
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY BY APPLICANT

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

Application Number	Filing Date

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

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 35690

OR

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

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

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

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

☐ Inventor or Joint Inventor (title not required below)

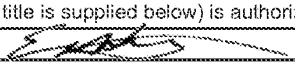
☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

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

Signature		Date (Optional)	11/22/2013
Name	Evin Hunt		
Title	Chief Technology Officer | Shango Corp, LLC		

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

☐ Total of forms are submitted.

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

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

Electronic Acknowledgement Receipt

EFS ID:	17936748
Application Number:	14087768
International Application Number:	
Confirmation Number:	8491
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Customer Number:	35690
Filer:	Rory D. Rankin/Gladys Jimenez
Filer Authorized By:	Rory D. Rankin
Attorney Docket Number:	6789-00101
Receipt Date:	16-JAN-2014
Filing Date:	22-NOV-2013
Time Stamp:	17:14:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	6789-00101_POA_2.pdf	237463 591650d2f4eb61bd7251f72f0d4819eef28838e4	no	2

Warnings:	
Information:	

Total Files Size (in bytes):	237463

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

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

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
14/087,768	11/22/2013	2447	730	6789-00101	20	3

CONFIRMATION NO. 8491

35690
MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398

FILING RECEIPT

OC000000065344313

Date Mailed: 12/12/2013

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)
Evin Hunt, Austin, TX;

Applicant(s)
Shango Corp, LLC, Austin, TX

Assignment For Published Patent Application
Shango Corp, LLC, Austin, TX

Power of Attorney: None

Domestic Priority data as claimed by applicant
This appln claims benefit of 61/888,856 10/09/2013

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

If Required, Foreign Filing License Granted: 12/03/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/087,768**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No
**** SMALL ENTITY ****

Title

Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

Preliminary Class

709

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 AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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.

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
14/087,768	11/22/2013	Evin Hunt	6789-00101

CONFIRMATION NO. 8491

IMPROPER CPOA LETTER

35690
MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398

OC000000065344579

Date Mailed: 12/12/2013

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the power of attorney filed 11/22/2013. The power of attorney in this application is not accepted for the reason(s) listed below:

- The power of attorney has not been accepted because the party who is giving power has not been identified. Power of attorney may only be signed by the applicant for patent (37 CFR 1.42) or the patent owner. A party who is not the applicant must become the applicant in accordance with 37 CFR 1.46(c) and appoint any power of attorney in compliance with 37 CFR 3.71 and 3.73. For a reissue application, reexamination proceeding, or supplemental examination proceeding, a patent owner who was not the applicant under 37 CFR 1.46 must appoint any power of attorney in compliance with 37 CFR 3.71 and 3.73. See 37 CFR 1.32(b)(4).

/kthai/

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

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 14/087,768

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	70		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	300		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	360		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	20 minus 20 =	*	x 40 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*	x 210 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	730		TOTAL	

APPLICATION AS AMENDED - PART II

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

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

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82A (07-12)

Approved for use through 11/30/2014. OMB 0651-0035

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

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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B or equivalent) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5. If the Power of Attorney by Applicant form is not accompanied by this transmittal form or an equivalent, the Power of Attorney will not be recognized in the application.

Application Number	
Filing Date	November 22, 2013
First Named Inventor	Evin Hunt
Title	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
Art Unit	
Examiner Name	
Attorney Docket Number	6789-00101

SIGNATURE of Applicant or Patent Practitioner

Signature	/ Rory D. Rankin /	Date	November 22, 2013
Name	Rory D. Rankin	Telephone	512-853-8800
Registration Number	47884		

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

☐ *Total of _____ forms are submitted.

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

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

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Approved for use through 11/30/2014. OMB 0651-0051
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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POWER OF ATTORNEY BY APPLICANT

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

Application Number	Filing Date

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

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 35690

OR

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

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

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

	Firm or Individual Name				
Address					
City		State		Zip	
Country					
Telephone		Email			

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

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

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

Signature		Date (Optional)	21-Nov-2013
Name	Evin Hunt		
Title	CTO		

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

☐ Total of forms are submitted.

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

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

PTO/SB/35 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor	Evin Hunt
Title	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
Attorney Docket Number	6789-00101

I hereby 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.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

/ Rory D. Rankin / — Signature

November 22, 2013 — Date

Rory D. Rankin — Typed or printed name

47884 — Registration Number, if applicable

512-853-8800 — Telephone Number

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). 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 6 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 (1-800-786-9199) and select option 2.

Privacy Act Statement

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

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

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

Application Number:	
Filing Date:	
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Filer:	Rory D. Rankin/Gladys Jimenez
Attorney Docket Number:	6789-00101

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	70	70
Utility Search Fee	2111	1	300	300
Utility Examination Fee	2311	1	360	360
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**730**

Electronic Acknowledgement Receipt

EFS ID:	17478496
Application Number:	14087768
International Application Number:	
Confirmation Number:	8491
Title of Invention:	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier
First Named Inventor/Applicant Name:	Evin Hunt
Customer Number:	35690
Filer:	Rory D. Rankin/Gladys Jimenez
Filer Authorized By:	Rory D. Rankin
Attorney Docket Number:	6789-00101
Receipt Date:	22-NOV-2013
Filing Date:	
Time Stamp:	16:23:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$730
RAM confirmation Number	3734
Deposit Account	501505
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees) Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	6789-00101_ADS.pdf	1255587 31f7b59b3572db90bc17906aa848bb6566b0d314	no	6
Warnings:					
Information:					
2		6789-00101_Application.pdf	166667 0f7c8b09d798dacd8fc336f3e4f947be78fc1853	yes	37

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Specification	1	31
Claims	32	36
Abstract	37	37

Warnings:					
Information:					
3	Drawings-only black and white line drawings	6789-00101_Drawings.pdf	120549 cb1385f839db65ff1f872736f5025e7a039be270	no	11
Warnings:					
Information:					
4	Oath or Declaration filed	6789-00101_Declaration.pdf	155159 31019ff3dfe092970d5c4b9e505211719b7f94ba	no	1
Warnings:					
Information:					
5	Power of Attorney	6789-00101_POA_Transmittal.pdf	308634 d1954027f4bd2a063fd4423c10fe02609bc435f9	no	2
Warnings:					
Information:					
6	Nonpublication request from applicant.	6789-00101_Request_Non-Pub.pdf	160549 9458e0d9d9db024505dde6e2e83214129d40cc41	no	2
Warnings:					
Information:					

7	Fee Worksheet (SB06)	fee-info.pdf	33112 926623cea229d761260a615fffe9d637f32a08ff	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	2200257	

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6789-00101
	Application Number	
Title of Invention	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier	

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.
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☐ 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
	Evin		Hunt	

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

City	Austin	State/Province	TX	Country of Residence i	US

Mailing Address of Inventor:

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Address 2			
City	Austin	State/Province	TX
Postal Code	78739	Country i	US

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

Customer Number	35690		
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Application Information:

Title of the Invention	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier		
Attorney Docket Number	6789-00101	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter			
Total Number of Drawing Sheets (if any)	11	Suggested Figure for Publication (if any)	

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	Application Number	
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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	35690		

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This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61888856	2013-10-09

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

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(d). When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) [i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(h)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

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

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6789-00101
	Application Number	
Title of Invention	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier	

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

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

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

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

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

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	Application Number	
Title of Invention	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier	

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. [X]

Organization Name	Shango Corp, LLC		
Mailing Address Information:			
Address 1	3811 Bee Caves Rd.		
Address 2	Suite 101		
City	Austin	**State/Province**	TX
Country [i]	US	Postal Code	78746
Phone Number		Fax Number	
Email Address			

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If the Assignee is an Organization check here. [ ]

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	Application Number	
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Country i		Postal Code	
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Signature	/ Rory D. Rankin /			Date (YYYY-MM-DD)	2013-11-22
First Name	Rory D.	Last Name	Rankin	Registration Number	47884

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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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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.

PATENT
6789-00101

Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

By:

Evin Hunt

Atty. Dkt. No.: 6789-00101

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BACKGROUND

Cross Reference to Related Applications

This application claims the benefit of U.S. Provisional Application No. 61/888,856, filed October 9, 2013, the entirety of which is incorporated herein by reference.

Field of the Invention

[0001] The present invention relates generally to integrating communications services, and in particular to managing services and applications using telephone numbers as common subscriber identifiers.

Description of the Related Art

[0002] Even with the explosive growth in new communications technologies and service offerings, telecommunications service providers still have large numbers of customers with traditional analog telephone service. For these customers, the telephone number remains the universal identifier (ID) for communicating with the outside world.

[0003] As the availability of new technologies has spread, increasing numbers of customers wish to add services and applications to their existing telephone service. However, many services and applications are supplied by third-party providers in different ecosystems. These third-party ecosystems often use different types of IDs and have different rules and policies for managing and activating their services and applications.

[0004] In view of the above, new techniques for integrating advanced services and applications with legacy telephone service are desired.

SUMMARY

[0005] Various embodiments of methods and mechanisms for creating a unified services platform using the telephone number as the common subscriber ID.

[0006] In one embodiment, a unified services enabler platform may allow for the association of internet protocol (IP) enabled services with telephone numbers tied to legacy telephone services. Within this platform, the telephone number may be used as the central, unifying ID to associate services and applications that are utilized by the corresponding user. A telecommunications provider which provides traditional telephone services to customers may be coupled to the unified services enabler platform in order to associate customer telephone numbers with various IP-enabled services and applications. A customer may continue to use existing telephone services but can also utilize IP-enabled services and applications which are associated with their legacy telephone number.

[0007] These and other features and advantages will become apparent to those of ordinary skill in the art in view of the following detailed descriptions of the approaches presented herein.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] The above and further advantages of the methods and mechanisms may be better understood by referring to the following description in conjunction with the accompanying drawings, in which:

[0009] FIG. 1 illustrates one embodiment of an end user client connecting to a communications network.

[0010] FIG. 2 illustrates one embodiment of utilizing a telephone number as the common subscriber ID.

[0011] FIG. 3 illustrates one embodiment of a telecommunications provider cloud.

[0012] FIG. 4 illustrates one embodiment of a unified services platform.

[0013] FIG. 5 illustrates one embodiment of a sequence for activating services for a subscriber.

[0014] FIG. 6 is a generalized flow diagram illustrating one embodiment of a method for implementing a unified services platform with the telephone number as the common identifier.

[0015] FIG. 7 is a generalized flow diagram illustrating one embodiment of a method for initiating a service for a first user.

[0016] FIG. 8 is a generalized flow diagram illustrating one embodiment of a method for activating a service for a first user.

[0017] FIG. 9 is a generalized flow diagram illustrating one embodiment of another method for switching primary providers.

[0018] FIG. 10 is a block diagram of one embodiment of enabling communications between third party providers.

[0019] FIG. 11 is a generalized flow diagram illustrating one embodiment of another method for activating a third-party application.

DETAILED DESCRIPTION OF EMBODIMENTS

[0020] In the following description, numerous specific details are set forth to provide a thorough understanding of the methods and mechanisms presented herein. However, one having ordinary skill in the art should recognize that the various embodiments may be practiced without these specific details. In some instances, well-known structures, components, signals, computer program instructions, and techniques have not been shown in detail to avoid obscuring the approaches described herein. It will be appreciated that for simplicity and clarity of illustration, elements shown in the figures have not necessarily been drawn to scale. For example, the dimensions of some of the elements may be exaggerated relative to other elements.

[0021] This specification includes references to "one embodiment". The appearance of the phrase "in one embodiment" in different contexts does not necessarily refer to the same embodiment. Particular features, structures, or characteristics may be combined in any suitable manner consistent with this disclosure. Furthermore, as used throughout this application, the word "may" is used in a permissive sense (i.e., meaning having the potential to), rather than the mandatory sense (i.e., meaning must). Similarly, the words "include", "including", and "includes" mean including, but not limited to.

[0022] Terminology. The following paragraphs provide definitions and/or context for terms found in this disclosure (including the appended claims):

[0023] "Comprising." This term is open-ended. As used in the appended claims, this term does not foreclose additional structure or steps. Consider a claim that recites: "A system comprising a server …." Such a claim does not foreclose the system from including additional components (e.g., network interface, memory, display).

[0024] "Configured To." Various units, circuits, or other components may be described or claimed as "configured to" perform a task or tasks. In such contexts, "configured to" is used to connote structure by indicating that the units/circuits/components include structure (e.g., circuitry) that performs the task or tasks during operation. As such, the unit/circuit/component can be said to be configured to perform the task even when the specified unit/circuit/component is not currently operational (e.g., is not on). The units/circuits/components used with the "configured to" language include hardware—for example, circuits, memory storing program instructions executable to implement the operation, etc. Reciting that a unit/circuit/component is "configured to" perform one or more tasks is expressly intended not to invoke 35 U.S.C. § 112, sixth paragraph, for that unit/circuit/component. Additionally, "configured to" can include generic structure (e.g., generic circuitry) that is manipulated by software and/or firmware (e.g., an FPGA or a general-purpose processor executing software) to operate in manner that is capable of performing the task(s) at issue. "Configured to" may also include adapting a manufacturing process (e.g., a semiconductor fabrication facility) to fabricate devices (e.g., integrated circuits) that are adapted to implement or perform one or more tasks.

[0025] "First," "Second," etc. As used herein, these terms are used as labels for nouns that they precede, and do not imply any type of ordering (e.g., spatial, temporal, logical, etc.). For example, for a customer using five services, the terms "first" and "second" resellers can be used to refer to any two of the five services.

[0026] "Based On." As used herein, this term is used to describe one or more factors that affect a determination. This term does not foreclose additional factors that may affect a determination. That is, a determination may be solely based on those factors or based, at least in part, on those factors. Consider the phrase "determine A based on B." While B may be a factor that affects the determination of A, such a phrase does not

foreclose the determination of A from also being based on C. In other instances, A may be determined based solely on B.

[0027] Referring now to FIG. 1, one embodiment of an end user client connecting to a communications network is shown. Client 110 may subscribe to a standard telephone service provided by provider 120, and the telephone service may be associated with telephone number 105. Depending on the embodiment, the telephone service may or may not be bundled with other types of services (e.g., TV, internet). Client 110 is representative of any number and type (e.g., residential, business) of customers of telecommunications provider 120. Also, in other embodiments, client 110 may subscribe to multiple telephone services and have multiple telephone numbers.

[0028] In one embodiment, client 110 may be connected to provider 120 via a landline (e.g., copper, fiber). In another embodiment, client 110 may be connected to provider 120 via a wireless connection. Provider 120 is also connected to public switched telephone network (PSTN) 125 and internet 130. Provider 120 may include any number of telephone systems and may also be connected to other clients (not shown) and other networks (not shown).

[0029] In one embodiment, client 110 may request to add services and applications to the existing telephone service provided by provider 120. Any of various service and applications may be requested, including video conferencing, text messaging, interactive texting, hosted private branch exchange (PBX) seats, voice mail systems, and other services and applications. These services may be purchased from first application service provider 150 and/or second application service provider 160, which are representative of any number of application service providers. Provider 120 may also provide native services and application that can be purchased directly from provider 120 by client 110.

[0030] First application service provider 150 may be part of a first ecosystem with a first identifier (ID) for each user and using a first application programming interface (API) for selecting and activating apps. In addition, second application service provider 160 may be part of a second ecosystem with a second ID for each user and using a second API for selecting and activating apps. The first ID used by first application service provider 150 may or may not be different than the second ID used by second application service provider 160 and the first API used by first application service provider 150 may or may not be different than the second API used by second application service provider 160. In other words, the first and second ecosystems may not be compatible and may require separate IDs (for the same customer) and may have different types of rules and APIs for accessing, provisioning, and using their various services.

[0031] Provider 120 may also be coupled to unified services enabler platform 140 via internet 130. Unified services enabler platform 140 may be configured to unify all of the available services and applications in a single platform that is associated with a single ID to identify client 110. Rather than using an identifier such as an email address or a completely separate identifier, unified services enabler platform 140 may associate the various services and applications provided to client 110 with telephone number 105. In one embodiment, provider 120 may use a single API for generating requests that are sent to unified services enabler platform 140, and then unified services enabler platform 140 may aggregate a plurality of APIs for a plurality of providers (e.g., first application service provider 150, second application service provider 160) within different ecosystems. Each separate provider may have a different API, and unified services enabler platform 140 may activate services using the appropriate API for the provider which will deliver the requested service.

[0032] Unified services enabler platform 140 may include software and/or hardware for performing the various tasks to configure and provision a variety of services and applications and associate them with telephone number 105. In one embodiment, unified

services enabler platform 140 may be a Software as a Service (SaaS), and unified services enabler platform 140 may reside in the cloud. In one embodiment, unified services enabler platform 140 may include server 142 and database 144 for hosting SaaS 146 and storing corresponding data. Server 142 and database 144 are representative of any number of servers and databases. In some embodiments, the computing resources of unified services enabler platform may be spread out in multiple locations in the cloud and accessed via internet 130. Although unified services enabler platform 140 is shown as being separate from provider 120, in some embodiments, portions of platform 140 or the entirety of platform 140 may be integrated within provider 120.

[0033] In one embodiment, client 110 may enter a portal for platform 140 in which a catalog of available applications and services are presented. Client 110 may add new applications and services to their existing telephone number 105 through this portal, as well as manage existing applications and services to which client 110 has already subscribed. The cataloged applications and services may be from within the network of provider 120 and/or may be from third-party service providers 150 and 160. The portal may also be accessible via API in the case a user portal may already exist with provider 120 using platform 140. In this case, provider 120 would integrate their portal into the API of platform 140 to source and managed applications and services.

[0034] In one embodiment, first application service provider 150 may host a third party conferencing application. In this embodiment, provider 150 may operate in a standalone environment by reselling telephone numbers to customers directly through its own website. This conferencing application may be integrated within the catalog of platform 140, and this may open up the ability for provider 120 and its customers (client 110 and others) to bring their existing telephone numbers into the conferencing application, thus creating a unified experience for the customers of provider 120.

[0035] When client 110 decides to subscribe to this conferencing application, client 110 may select the conferencing application from the catalog in the portal for platform 140. In response to detecting this selection, platform 140 may collect the relevant data from client 110 which the conferencing application needs to function properly for client 110. With first application service provider 150 configured in the network of platform 140, platform 140 may be aware of the location and relevant call routing information required to enable the network of provider 120 to properly send calls to the off-net conferencing application. Platform 140 may send out a standardized data notification in a programmatic format containing the information, such as JavaScript Object Notation (JSON) or Extensible Markup Language (XML), to a web uniform resource locator (URL) specific to provider 120. Provider 120 may then intercept the information and translate the information into appropriate systems, databases, and/or other internally relevant systems required to allow telephone number 105 of client 110 to function with the conferencing application. Likewise, the data collected by platform 140 from client 110 for the conference application may be sent in a standardized format to a web URL configured for provider 150 in platform 140. Provider 150 may intercept the client 110 and provider 120 data, including the telephone number 105, and provider 150 may translate the information into its internal systems to make the telephone number 105 work with the conferencing application as well as accept calls from provider 120 on the behalf of client 110.

[0036] Once provider 150 activates client 110 to use its conferencing application, platform 140 receives notification, and a billing event may be generated and sent to a web URL configured by provider 120 in which provider 120 intercepts and translates the billing event containing all relevant data into its internal systems. In one embodiment, as long as client 110 remains subscribed to the conferencing application, provider 150 may bill provider 120 and provider 120 may bill client 110 for the conferencing application. Platform 140 may remain the database of record for all active and inactive applications

and services subscribed to and/or purchased through platform 140 for all of the customers of provider 120.

[0037] If client 110 decides to unsubscribe from the conferencing application, then client 110 may cancel the subscription via the same portal of platform 140 that was used to originally subscribe to the conferencing application. Similar to the way that platform 140 sent activation data to all of the relevant parties, platform 140 may send the deactivation information in the same standardized format to all of the relevant parties configured web URLs. This includes deactivation to the web URL of provider 120 configured for billing events.

[0038] Many other applications and services can be brought into platform 140 in the same manner, allowing interworking between both provider 120 and applications/services providers 150 and 160 and between external applications/service providers 150 and 160 directly, all working together leveraging the telephone number 105 of client 110 as the single, universal identifier.

[0039] Turning now to FIG. 2, a diagram of one embodiment of utilizing a telephone number as the common subscriber ID across a plurality of services is shown. Telephone number 202 may be the central ID which is associated with all of the features 204, services 206, and apps 208 which are provided to the subscriber. As shown in FIG. 2, features 204 may include enhanced 911 (E911) to link telephone number 202 to the appropriate public resources and short message service (SMS) to provide text messaging for telephone number 202. Services 206 may include cloud PBX services for enabling an enterprise private telephone network and session initiation protocol (SIP) for controlling sessions over IP networks. Applications 208 may include messaging, collaboration, and video, as well as any number of other applications not shown.

[0040] The diagram of FIG. 2 illustrates the aggregation of features 204, services 206, and apps 208 around the telephone number 202. The diagram represents an ecosystem that has been built around telephone number 202 and includes legacy services combined with IP and data related services not traditionally associated with voice service over the PSTN. The ecosystem may be associated with telephone number 202 and the subscriber may utilize telephone number 202 as the login or username to access a storefront for managing all of the supporting services and applications to which they subscribe. The services and applications may be provided by multiple providers in multiple different ecosystems, but these services and applications may be unified around telephone number 202 and appear to the user as existing in a single ecosystem.

[0041] Referring now to FIG. 3, a block diagram of one embodiment of a telecommunications provider cloud is shown. Telecommunications provider cloud 304 may allow a telecommunications provider to add third-party applications to its various service offerings and white-brand and sell those third-party applications as if they were their own. In one embodiment, telecommunications provider cloud 304 may include a unified services platform SaaS (not shown), and the unified services platform SaaS may be configured to combine large numbers of applications and provide them in a single offering to end users. Block 302 represents third-party applications combined with native applications that may be sourced by the telecommunications provider represented by cloud 304.

[0042] All of the applications in block 302 that are utilized by a given subscriber may be unified around the subscriber's telephone number. Block 306 is representative of a single subscriber with a telephone number of 555-222-2222. The applications that are unified around this telephone number in block 306 may be associated with multiple different devices for the single subscriber. The subscriber may access the applications using a computer, tablet, mobile phone, smartphone, e-reader, landline phone, and/or any other suitable electronic device.

[0043] Turning now to FIG. 4, a block diagram of one embodiment of a unified services platform 404 is shown. The telephone number (555-111-1111) may be used as the central ID to associate services and applications that are utilized by the corresponding user. Provider 406 may provide telephone service to the user and present a storefront to the user to allow the user to select and add new services and applications to their existing service. The user may select applications via the storefront hosted by provider 406, and then the selected applications may be activated via the unified services platform 404. As shown in unified services platform 404, the user has already selected three applications (app 1, app 2, and app 3) which are associated with telephone number (555-111-1111).

[0044] When the user selects a new application to add to their existing voice service, a request may be generated via sourcing and settlement API 408 to activate the new application and associate the new application with the user's telephone number. Unified services platform 404 may then generate the necessary configuration data to activate the new application in accordance with the specific API 410 utilized by the application service provider responsible for delivering the new application. In one embodiment, unified service platform 404 may notify the corresponding application service provider that provider 406 is activating the new application in place of the end user. As a result, the new application may be assigned to provider 406 and different rules may apply than if the end user were directly activating the new application by themselves. In one embodiment, this notification may be indicated by setting an extra configuration field bit during the activation process, and in response, the corresponding application service provider may allow provider 406 to directly control and manage the account for the end user.

[0045] Unified services platform 404 may generate the appropriate workloads and manage the integration of the new application for the user. Unified services platform 404 may also manage the relationships between all of the different providers by using the

telephone number as the common identifier. After activation, the actual functionality of the new application may bypass unified services platform 404 and instead be delivered across the actual physical connection to the customer (shown as arrow 412). In one embodiment, unified services platform 404 may be provided as a SaaS. In some embodiments, unified services platform 404 may be extended into private clouds rather than being a standalone platform.

[0046] Referring now to FIG. 5, a diagram of one embodiment of a sequence for activating services for a subscriber is shown. For the purposes of this discussion, it will be assumed that subscriber 502 has requested new services to be associated with their subscriber telephone number. These requests may be sent to provider 504 in step 510, and these requests may identify the specific services being requested. In this example, the services being added are video conferencing and interactive voice response (IVR) services. Provider 504 may receive the requests in step 510, and in turn may generate and send a request in step 520 to unified services enabler platform 506 to source the desired services.

[0047] In response to receiving this request, unified services enabler platform 506 may generate the appropriate activation data to activate these requested services and associate these services with the existing telephone number of subscriber 502. Unified services enabler platform 506 may generate configuration data in accordance with the APIs of the application providers who are providing the requested services. Specifically, unified services enabler platform 506 may generate activation data in step 530 to the provider of the video conferencing application. In one embodiment, unified services enabler platform 506 may translate the telephone number into a second identifier (ID) that will be used to identify subscriber 502 in the video conferencing provider's system. For example, this second ID may be an email address, and this email address may be a real email address of subscriber 502. Alternatively, unified services enabler platform 506 may generate a dummy email address to serve as this second ID.

[0048] Unified services enabler platform 506 may also create a mapping of the telephone number to the second ID and send this mapping to provider 504. Provider 504 may store this mapping and utilize the mapping when initiating sessions of the video conferencing service for subscriber 502. The activation response corresponding to the activation of the video conferencing application may be returned from the host application provider 508 in step 535.

[0049] Additionally, unified services enabler platform 506 may generate activation data in step 540 to the provider of the IVR application, and the activation response corresponding to the activation of the IVR application may be returned from the corresponding application provider 508 in step 545. In one embodiment, unified services enabler platform 506 may translate the telephone number into a third ID that will be used to identify subscriber 502 in the IVR application provider's system. Unified services enabler platform 506 may also create a mapping of the telephone number to the third ID and send this mapping to provider 504. Provider 504 may store this mapping and utilize the mapping when initiating sessions of the IVR application for subscriber 502.

[0050] In step 550, unified services enabler platform 506 may generate settlement data including billing information and transfer this data to provider 504. Then, in step 560, provider 504 may activate the new services for subscriber 502. The actual functionality of the new services may be provided directly from the host application providers 508 to subscriber 502 in step 570.

[0051] Turning now to FIG. 6, an embodiment of a method 600 for implementing a unified services platform with the telephone number as the common identifier is shown. For purposes of discussion, the steps in this embodiment are shown in sequential order. It should be noted that in various embodiments of the method described below, one or more of the elements described may be performed concurrently, in a different order than

shown, or may be omitted entirely. Other additional elements may also be performed as desired.

[0052] In one embodiment, a first user may be provided with a first service by a first provider. The first service may be telephone service, and the first user may have a first telephone number associated with the telephone service. In this embodiment, a request to provision a second service for the first user may be received by the first provider (block 605). In some embodiments, the first telephone number may also be associated with one or more other types of services provided by the first provider. In one embodiment, the first provider may be a telecommunications service provider. In other embodiments, the first provider may be another type of provider (e.g., mobile carrier, cable services provider, internet provider). The second service requested by the first user may be any of various services or applications, including IP-related applications, and the second service may be provided by a second provider. The second provider may be part of a second ecosystem (e.g., iTunes™, Google play™), and the second ecosystem may be different than a first ecosystem utilized by the first provider.

[0053] In response to receiving the request, the first provider may utilize the first telephone number as a common ID for provisioning the second service (block 610). In one embodiment, a unified services enabler platform may be utilized to provision the second service for the first user. The unified services enabler platform may activate the second service for the first user and associate the second service with the first telephone number. In some embodiments, the first telephone number may be translated to a second ID that is utilized as a login ID or user name within the ecosystem of the second provider. In these embodiments, the unified services enabler platform may store the first telephone number to second ID pairing and perform the necessary translation between the two IDs when provisioning the second service. In one embodiment, the unified services enabler platform may be integrated within the first provider's computing resources, and the first provider may perform these functions itself.

[0054] Next, a request to provision a third service for the first user may be received by the first provider (block 615). The third service may be any of various services or applications which are provided by a third provider. The third provider may be part of a third ecosystem and the third ecosystem may be different than the first and second ecosystems.

[0055] In response to receiving the request, the first provider may utilize the first telephone number as a common ID for provisioning the third service (block 620). In one embodiment, the unified services enabler platform may be utilized to provision the third service for the first user. The unified services enabler platform may activate the third service for the first user and associate the third service with the first telephone number. In some embodiments, the first telephone number may be translated to a third ID that is utilized as a login ID or user name within the ecosystem of the third provider. In these embodiments, the unified services enabler platform may store the first telephone number to third ID pairing and translate between the two IDs when provisioning the third service.

[0056] Next, the first provider may create a unified storefront for managing the plurality of services which are associated with the first telephone number (block 625). The unified storefront may allow the first user to monitor their account and add new services and applications to the first telephone number. The first provider may allow the first user to login to the unified storefront using the first telephone number (block 630). By enabling this login access using the first telephone number, the first provider is able to generate a simple and easy to use storefront for the first user to manage existing services and add new services.

[0057] It is noted that method 600 may be implemented for any number of users requesting any number of services or applications from any number of providers. It is also noted that the first provider may also provide any number of native services and

applications to the first user, and these native services and applications may also be associated with the first telephone number.

[0058] Referring now to FIG. 7, an embodiment of a method 700 for initiating a service for a first user is shown. For purposes of discussion, the steps in this embodiment are shown in sequential order. It should be noted that in various embodiments of the method described below, one or more of the elements described may be performed concurrently, in a different order than shown, or may be omitted entirely. Other additional elements may also be performed as desired.

[0059] In one embodiment, a first user may be provided with a first service by a first provider. The first service may be telephone service, the first user may have a first telephone number associated with the telephone service, and the first provider may be a telephone service provider. In this embodiment, a request by the first user to utilize a second service may be received by the telephone service provider (block 705). It may be assumed for the purposes of this discussion that the second service has already been activated by the telephone service provider for use by the first user. The second service may be provided by a second provider, and the second provider may be different than the telephone service provider. The second service may be any type of service or application (e.g., video conferencing, text messaging), depending on the embodiment.

[0060] In response to receiving the request from the first user to utilize the second service, the telephone service provider may retrieve a mapping corresponding to the first user and second service (block 710). The mapping may provide a translation from the first telephone number to a second ID, and the second ID may be used by the second provider to identify the first user. Next, the telephone service provider may translate the first telephone number to the second ID using the retrieved mapping (block 715). Then, the telephone service provider may generate a request to initiate a session of the second service, and the request may include the second ID in order to identify the first user

(block 720). Next, the telephone service provider may send the request to the second provider (block 725). In response to receiving the request, the second provider may initiate the session of the second service for the first user (block 730). After block 730, method 700 may end. It is noted that method 700 may be implemented in parallel for any number of users requesting any number of services or applications.

[0061] Turning now to FIG. 8, an embodiment of a method 800 for activating a service for a first user is shown. For purposes of discussion, the steps in this embodiment are shown in sequential order. It should be noted that in various embodiments of the method described below, one or more of the elements described may be performed concurrently, in a different order than shown, or may be omitted entirely. Other additional elements may also be performed as desired.

[0062] A request to activate a service for a user and associate the service with the user's telephone number may be received by a first provider (block 805). The service may be provided by a second provider, and the second provider may be different than the first provider. In one embodiment, the user may generate the request by logging into a unified storefront. The unified storefront may bring together multiple services and applications from multiple third-party providers, and the unified storefront may allow the user to select these services and applications for activation. In one embodiment, the unified storefront may be maintained by the first provider. In another embodiment, the unified storefront may be independent and maintained separately from the first provider.

[0063] Next, the first provider may forward the request to activate the service to the unified services enabler platform (block 810). However, in some embodiments, the unified services enabler platform may be integrated within the computing resources of the first provider. In these embodiments, method 800 may skip block 810. Next, the unified service enabler platform may extract the appropriate information from the request (block 815). The extracted information may include the user's telephone number and

other information needed to activate the service. Next, using the extracted information, the unified service enabler platform may send the user's telephone number and other relevant data to the second provider to activate the service and associate the service with the user's telephone number (block 820). The unified service enabler platform may provide the user's telephone number to the second provider as an ID of the user. In one embodiment, traditional customers who are not connected to the unified service enabler platform may utilize a first API for interfacing to the second provider when activating the service. However, the unified service enabler platform may utilize a second API for activating the service from the second provider, wherein the second API is different than the first API. When a traditional customer uses the first API to activate the service, the second provider may generate a new telephone number and use this new telephone number to associate with this traditional customer. The traditional customer will then associate the service with this new telephone number, regardless of whether the traditional customer has an existing telephone number or not.

[0064] For the unified service enabler platform using the second API, the service may be associated with the user's existing telephone number. This allows the user to avoid having to associate a newly created telephone number with the service. This scheme results in simplifying and enhancing the user's experience and interaction with the services to which they subscribe. For example, if a user activated 10 different services from 10 different providers, the existing prior art techniques would require the user to use 10 different telephone numbers to activate these 10 services. Using the techniques disclosed herein, the user is able to use a single telephone number to associate with these 10 different services. Additionally, the first provider may receive a plurality of bills associated with the single telephone number from a plurality of different providers, and the first provider may combine the billing information from the plurality of bills and provide a single bill to the user.

[0065] After block 820, the unified service enabler platform may generate the necessary routing information for using the service (block 825). Next, the unified service enabler platform may send this routing information to the first and second providers (block 830). The first and second providers may utilize this routing information for setting up and enabling sessions of the service for the user (block 835). In one embodiment, the sessions may bypass the unified service enabler platform and work independently of the unified service enabler platform. In another embodiment, the unified service enabler platform may receive context data while a session is taking place, and the unified service enabler platform may use this context data to provide enhanced services to the user.

[0066] It is noted that the user may activate many different services and applications from multiple different providers, and these different services may be activated and associated with the user's existing telephone number using the steps of method 800. It is also noted that in some embodiments, the user's existing telephone number may not be associated with the PSTN, but rather may be independent of the PSTN.

[0067] Referring now to FIG. 9, an embodiment of a method 900 for switching primary providers is shown. For purposes of discussion, the steps in this embodiment are shown in sequential order. It should be noted that in various embodiments of the method described below, one or more of the elements described may be performed concurrently, in a different order than shown, or may be omitted entirely. Other additional elements may also be performed as desired.

[0068] A unified service enabler platform may maintain mappings of multiple active applications and services to a first telephone number of a first user (block 905). The first user may utilize a first provider to provide connectivity to the internet, public cloud, and/or PSTN. The multiple active applications and services associated with the first telephone number may include video conferencing, text messaging, voice mail, voice

attendant, and/or various other services. These multiple active applications and services may be provided to the first user by multiple third-party providers.

[0069] At a later point in time, the first user may move these multiple active applications and services to a second provider (block 910). In other words, the first user may cancel their contract with the first provider and start a new contract with the second provider. In response to detecting the first user moving to the second provider, the unified service enabler platform may maintain the mappings of the multiple active applications and services to the first telephone number (block 915). This is in contrast to traditional techniques for handling a user switching primary providers, in which all services and applications associated with the user's telephone number are de-activated.

[0070] While maintaining the mapping of the multiple active applications and services to the first telephone number, the unified service enabler platform may generate new routing information for these active applications and services and then send this new routing information to the second provider and to the third party providers of these active applications and services (block 920). The second provider and third party providers may then utilize the new routing information to provide sessions to the first user for these active applications and services (block 925). By using the above steps of method 900, the unified service enabler platform is able to seamlessly transition the first user to the second provider while maintaining mappings for their applications and services, thus allowing the first user to continue to use these applications and services and continue to associate them with the first telephone number.

[0071] Turning now to FIG. 10, a block diagram of one embodiment of third party provider communications is shown. Client 1005 may be coupled to platform 1010 to choose applications and services to associate with their telephone number. Client 1005 may utilize platform 1010 to activate services with third party providers, such as third party providers 1015 and 1020. Although not shown in FIG. 10, any number of

additional third party providers may also be coupled to platform 1010, and client 1005 may subscribe to any number of services from these additional third party providers. Third party providers 1015 and 1020 are different providers from the primary provider (not shown) of telephone service to client 1005. In one embodiment, the primary provider of telephone service to client 1005 may be integrated with platform 1010. Alternatively, in another embodiment, the primary provider of telephone service to client 1005 may be a separate entity from platform 1010.

[0072] In one embodiment, client 1005 may utilize platform 1010 to activate a first application from provider 1015 and a second application from provider 1020. In one embodiment, the first application may be a conferencing application and the second application may be a voicemail application. In other embodiments, the first and/or second application may be other types of applications. Both the first and second application may be associated with the telephone number of client 1005.

[0073] An inbound call to the telephone number of client 1005 may be received over network 1025, and this inbound call may be routed to provider 1020 for processing. Network 1025 may be the internet, PSTN, or other type of network. The inbound call is represented by a dashed line in FIG. 10. Provider 1020 may process the call using the second application and then provider 1020 may route the call to provider 1015. In one embodiment, this routing of the call to provider 1015 from provider 1020 may happen independently of platform 1010 or the primary provider of service to client 1005. Provider 1015 may then add processing associated with the second application on top of the earlier processing by provider 1020. Next, the call may be routed to client 1005, and the call may now include the additional functionality from the first and second applications. In other embodiments, more than two third-party providers may add features and services to inbound or outbound calls for client 1005. This interworking between multiple third-party providers allows many applications and services to be applied to calls received or sent from the telephone number of client 1005.

[0074] The techniques illustrated in FIG. 10 may also be utilized in embodiments with more than two third-party providers. These techniques allow the telephone number of client 1005 to become the common ID which is used between multiple services and applications. The telephone number is associated with the relevant interworking data which links all of the IDs and third-party applications and services associated with the telephone number. The telephone number allows for the creation of the interworking between all of the third-party applications. In other words, the telephone number is an ID that's used by a middleware layer to allow the functionality of the third-party applications to work with each other and to work on the primary provider's network.

[0075] Referring now to FIG. 11, an embodiment of a method 1100 for activating a third-party application is shown. For purposes of discussion, the steps in this embodiment are shown in sequential order. It should be noted that in various embodiments of the method described below, one or more of the elements described may be performed concurrently, in a different order than shown, or may be omitted entirely. Other additional elements may also be performed as desired.

[0076] A third-party application provider may provide a given application or service to end users. In the example described below, the given application is a short message service (SMS) text messaging application. It is to be understood that while this example is used for this discussion, in other embodiments, other types of applications may be provided by the third-party provider.

[0077] In order to offer the SMS text messaging application to customers of a given primary provider, the third-party application provider may configure what customer information and interworking data is needed to create a new account when a new customer subscribes to their SMS application with a telephone number on the given primary provider's network (block 1105). Next, the given primary provider may include

this SMS application in their master catalog to offer to the given primary provider's customers (block 1110). As part of including the SMS application in their master catalog, interworking data is provided to the primary provider to enable them to make the SMS application work within their network in order to get SMS messages to the SMS application. Next, a customer of the primary provider may select the SMS application in the master catalog, indicating they wish to purchase this SMS application and associate the SMS application with their existing telephone number (block 1115). It is noted that in some embodiments, the customer's telephone number may be a mobile subscriber integrated services digital network number (MSISDN). The customer's existing telephone number may also be referred to as their "subscriber ID". In one embodiment, the term "subscriber ID" may be defined as the telephone number associated with a device used by the customer. In another embodiment, the term "subscriber ID" may be defined as a single telephone number that can be associated with multiple identifiers. In other embodiments, the term "subscriber ID" may be defined as the ID used to identify a given customer in a primary provider's network. In a further embodiment, a subscriber ID may be utilized by a primary provider for identifying a given user, for routing information, for accounting information, and for various other purposes within the primary provider's network and other infrastructure.

[0078] After block 1115, activation data may be sent to the primary provider informing the primary provider that this SMS application will now be accepting SMS messages on behalf of the customer (block 1120). Also, interworking data which is associated with the customer's telephone number may be sent to the primary provider (block 1125). The interworking data lets the primary provider know how to route SMS messages to the third party provider when SMS messages are sent to the customer's telephone number.

[0079] Additionally, activation data may be sent to the third party provider so that an account is created for the customer by the third party provider to use the SMS messaging

application (block 1130). The activation data may include the customer's telephone number, a user ID of the customer, and the necessary interworking data which is associated with the customer's telephone number. In one embodiment, the term "user ID" may be defined as an identifier which is used for authenticating a customer for the purposes of using an account or service. In another embodiment, the term "user ID" may be defined as identifier of a customer that is associated with authentication, account creation, and verification. In some embodiments, the user ID may be an email address of the customer. In other embodiments, the user ID may be any of various other types of identifiers. It is noted that blocks 1120, 1125, and 1130 may be performed simultaneously or in any order depending on the embodiment.

[0080] Next, the third party provider may consume and translate the activation data into their own proprietary API to create an account and properly accept SMS messages from the primary provider for the user's telephone number (block 1135). After block 1135, method 1100 may end. It is noted that method 1100 may be performed multiple times in order to associate multiple third-party services with the telephone number of the customer. As such, the telephone number is being abstracted from the primary provider's network and becomes the unifying ID across multiple eco-systems.

[0081] The techniques for utilizing a third-party service after activating an account with the third-party provider may vary depending on the embodiment. For example, in one embodiment, after activating a SMS messaging application, when a SMS message is sent to the customer's telephone number, the SMS message may be automatically routed to the third-party provider and then to the customer's device which is associated with that telephone number. In another embodiment, a third-party conferencing application may be activated using method 1100. After activation, the customer may utilize their telephone number to setup a third-party conferencing application by selecting an option for conferencing, and then entering a personal identification number (PIN) for the bridge to utilize the third-party conferencing application for hosting a conference. The customer

may also login to a website to view details of a live conference, and the customer may utilize their user ID to login to this website. Therefore, in this embodiment, the telephone number of the customer may be utilized to access a first portion of the functionality of the conferencing application, while the user ID of the customer may be utilized to access a second portion of the functionality of the conferencing application. In other embodiments, other techniques may be implemented for utilizing third-party applications which are associated with the customer's telephone number.

[0082] It is noted that while the above description generally describes embodiments wherein external services and providers are made able to work with a telephone company network using the common identifier, the methods and mechanisms described herein may also be used to enable external services and providers to work with one another. In this manner, multiple services may cooperate on the basis of a common identifier in ways not previously possible. Such cooperation may lead to the development of new services that may be provided to subscribers or other providers. For example, one external service may provide a first type of content while a different external service provides a second type of content. By utilizing the methods and mechanisms described herein, combinations of the first type of content and the second type of content may be created. Numerous such approaches are possible and are contemplated.

[0083] It is noted that the above-described embodiments may comprise software. In such an embodiment, program instructions and/or a database (both of which may be referred to as "instructions") that represent the described systems and/or methods may be stored on a non-transitory computer readable storage medium. Generally speaking, a computer readable storage medium may include any storage media accessible by a computer during use to provide instructions and/or data to the computer. For example, a computer readable storage medium may include storage media such as magnetic or optical media, e.g., disk (fixed or removable), tape, CD-ROM, DVD-ROM, CD-R, CD-RW, DVD-R, DVD-RW, or Blu-Ray. Storage media may further include volatile or non-

volatile memory media such as RAM (e.g., synchronous dynamic RAM (SDRAM), double data rate (DDR, DDR2, DDR3, etc.) SDRAM, low-power DDR (LPDDR2, etc.) SDRAM, Rambus DRAM (RDRAM), static RAM (SRAM)), ROM, Flash memory, non-volatile memory (e.g. Flash memory) accessible via a peripheral interface such as the USB interface, etc. Storage media may include micro-electro-mechanical systems (MEMS), as well as storage media accessible via a communication medium such as a network and/or a wireless link.

[0084] In various embodiments, one or more portions of the methods and mechanisms described herein may form part of a cloud computing environment. In such embodiments, resources may be provided over the Internet as services according to one or more various models. Such models may include Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). In IaaS, computer infrastructure is delivered as a service. In such a case, the computing equipment is generally owned and operated by the service provider. In the PaaS model, software tools and underlying equipment used by developers to develop software solutions may be provided as a service and hosted by the service provider. SaaS typically includes a service provider licensing software as a service on demand. The service provider may host the software, or may deploy the software to a customer for a given period of time. Numerous combinations of the above models are possible and are contemplated. It is also noted that while a telephone number is used in the examples above as a common identifier, the methods and mechanisms described herein may also be used with identifiers other than a telephone number used as a common identifier.

[0085] Although several embodiments of approaches have been shown and described, it will be apparent to those of ordinary skill in the art that a number of changes, modifications, or alterations to the approaches as described may be made. Changes, modifications, and alterations should therefore be seen as within the scope of the methods

and mechanisms described herein. It should also be emphasized that the above-described embodiments are only non-limiting examples of implementations.

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WHAT IS CLAIMED IS

1. A telephone system comprising:

a database; and

a server coupled to the database, wherein the server is utilized by a first provider to provide a first service to a first user, wherein the first service is telephone service, and wherein the telephone service is associated with a first telephone number;

wherein the server is configured to:

receive a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider;

responsive to receiving the request:

create a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user;

activate the second service with the second provider utilizing the second ID as a user ID for the first user; and

associate the second service with the first telephone number.

2. The telephone system as recited in claim 1, wherein the server is further configured to associate a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user.

3. The telephone system as recited in claim 2, wherein the server is further configured to:

create a unified storefront for managing the plurality of services associated with the first telephone number; and

enable login access to the unified storefront for the first user using the first telephone number.

4. The telephone system as recited in claim 3, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number.

5. The telephone system as recited in claim 1, wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

6. The telephone system as recited in claim 2, wherein the server is further configured to combine billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

7. The telephone system as recited in claim 1, wherein the second service is a conferencing application, voice attendant application, or text messaging application.

8. A method comprising:

providing a first service to a first user by a first provider, wherein the first service is telephone service, and wherein the first user has a first telephone number;

receiving a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider;

responsive to receiving the request:

creating a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user;

activating the second service with the second provider utilizing the second ID as a user ID for the first user; and

associating the second service with the first telephone number.

9. The method as recited in claim 8, further comprising associating a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user.

10. The method as recited in claim 9, further comprising:

creating a unified storefront for managing the plurality of services associated with the first telephone number; and

enabling login access to the unified storefront for the first user using the first telephone number.

11. The method as recited in claim 10, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number.

12. The method as recited in claim 8, wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

13. The method as recited in claim 9, further comprising combining billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

14. The method as recited in claim 8, wherein the second service is a conferencing application, voice attendant application, or text messaging application.

15. A non-transitory computer readable storage medium comprising program instructions, wherein when executed the program instructions are operable to:

provide a first service to a first user by a first provider, wherein the first service is telephone service, and wherein the first user has a first telephone number;

receive a request to provision a second service for the first user, wherein the second service is provided by a second provider, and wherein the second provider is different than the first provider;

responsive to receiving the request:

create a mapping from the first telephone number to a second identifier (ID), wherein the second ID is utilized by the second provider to identify the first user;

activate the second service with the second provider utilizing the second ID as a user ID for the first user; and

associate the second service with the first telephone number.

16. The non-transitory computer readable storage medium as recited in claim 15, wherein the program instructions are further operable to associate a plurality of services with the first telephone number, wherein the plurality of services are provided by a plurality of providers different than the first provider, and wherein the plurality of services are utilized by the first user.

17. The non-transitory computer readable storage medium as recited in claim 16, wherein when executed the program instructions are further operable to:

create a unified storefront for managing the plurality of services associated with the first telephone number; and

enable login access to the unified storefront for the first user using the first telephone number.

18. The non-transitory computer readable storage medium as recited in claim 17, wherein the unified storefront enables the first user to subscribe to one or more new services and to associate the one or more new services with the first telephone number.

19. The non-transitory computer readable storage medium as recited in claim 15, wherein the first telephone number is associated with routing and interworking data necessary to utilize the second service.

20. The non-transitory computer readable storage medium as recited in claim 16, wherein the program instructions are further operable to combine billing information for the plurality of services and provide a single bill to the first user for the plurality of services.

ABSTRACT OF THE DISCLOSURE

A system and method for enabling the telephone number as a platform for the association of IP-enabled services with legacy telephone service. A unified services enabler platform may be utilized to associate a customer and their telephone number with a variety of services and applications from multiple different ecosystems. The customer can continue to use their existing telephone service and in addition can utilize new IP-enabled features that are associated with their telephone number as the common ID.

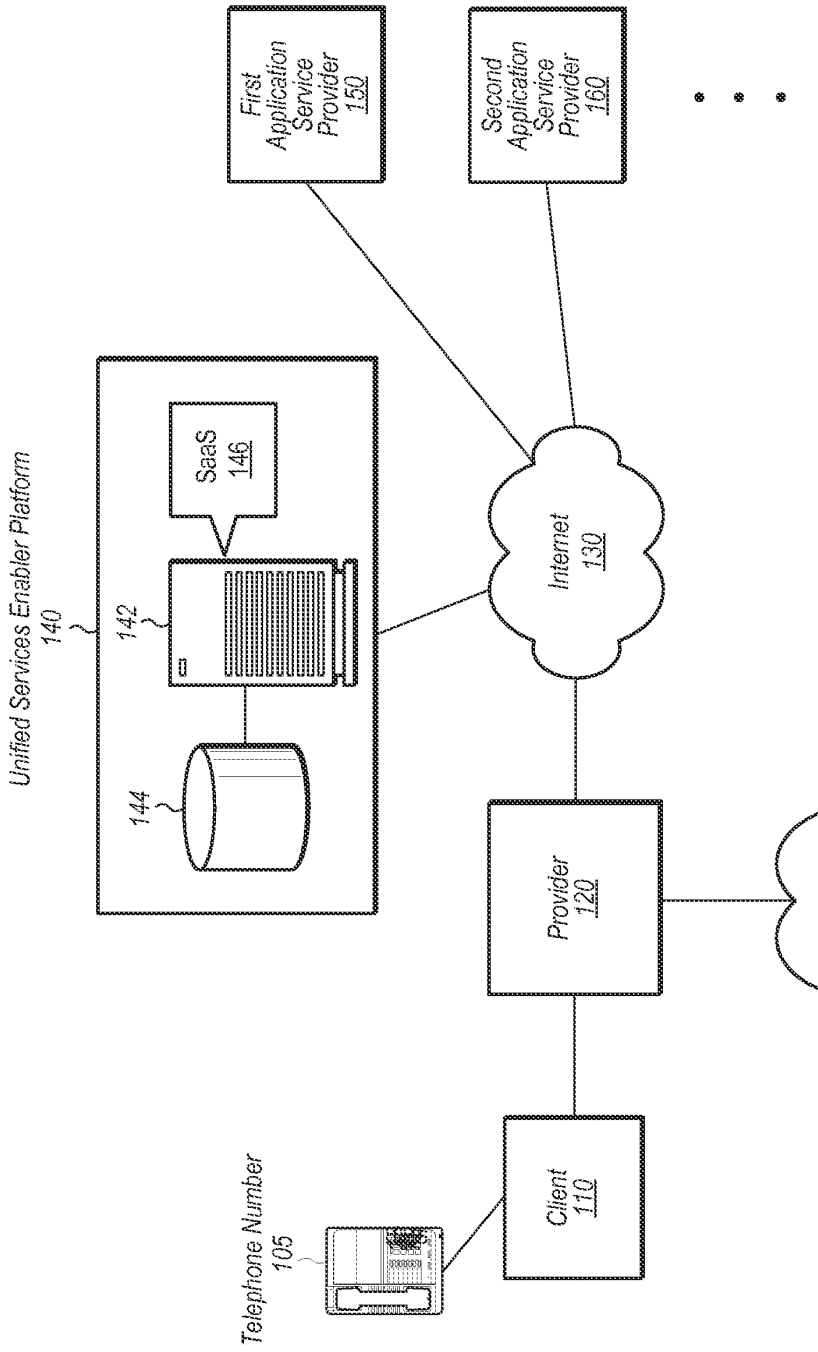

First Application Service Provider 150
Second Application Service Provider 160
Unified Services Enabler Platform 140
SaaS 146
142
144
Internet 130
Provider 120
PSTN 125
Client 110
Telephone Number 105

FIG. 1

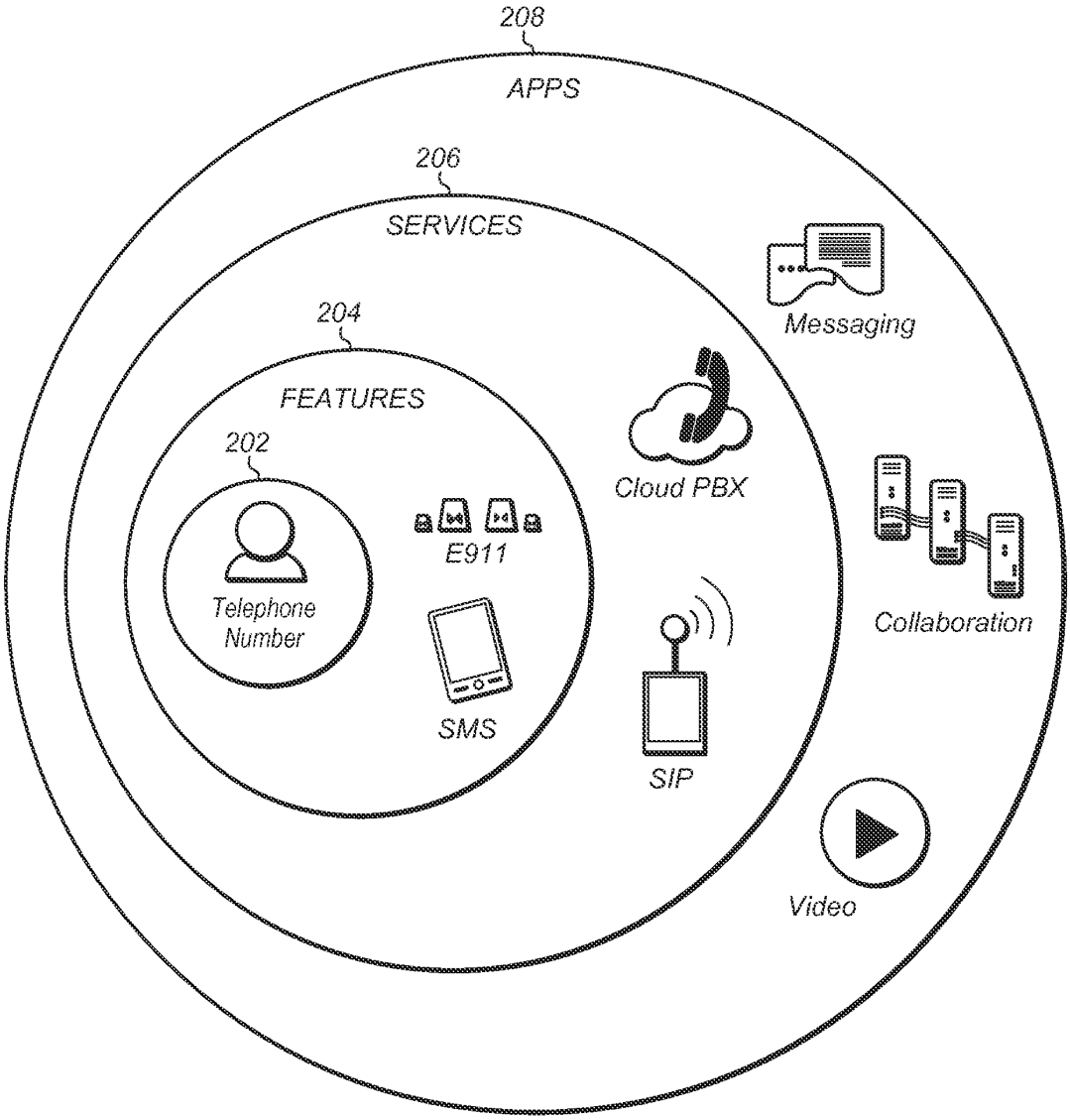

208
APPS
206
SERVICES
204
FEATURES
202
Telephone Number
E911
SMS
Cloud PBX
SIP
Messaging
Collaboration
Video

FIG. 2

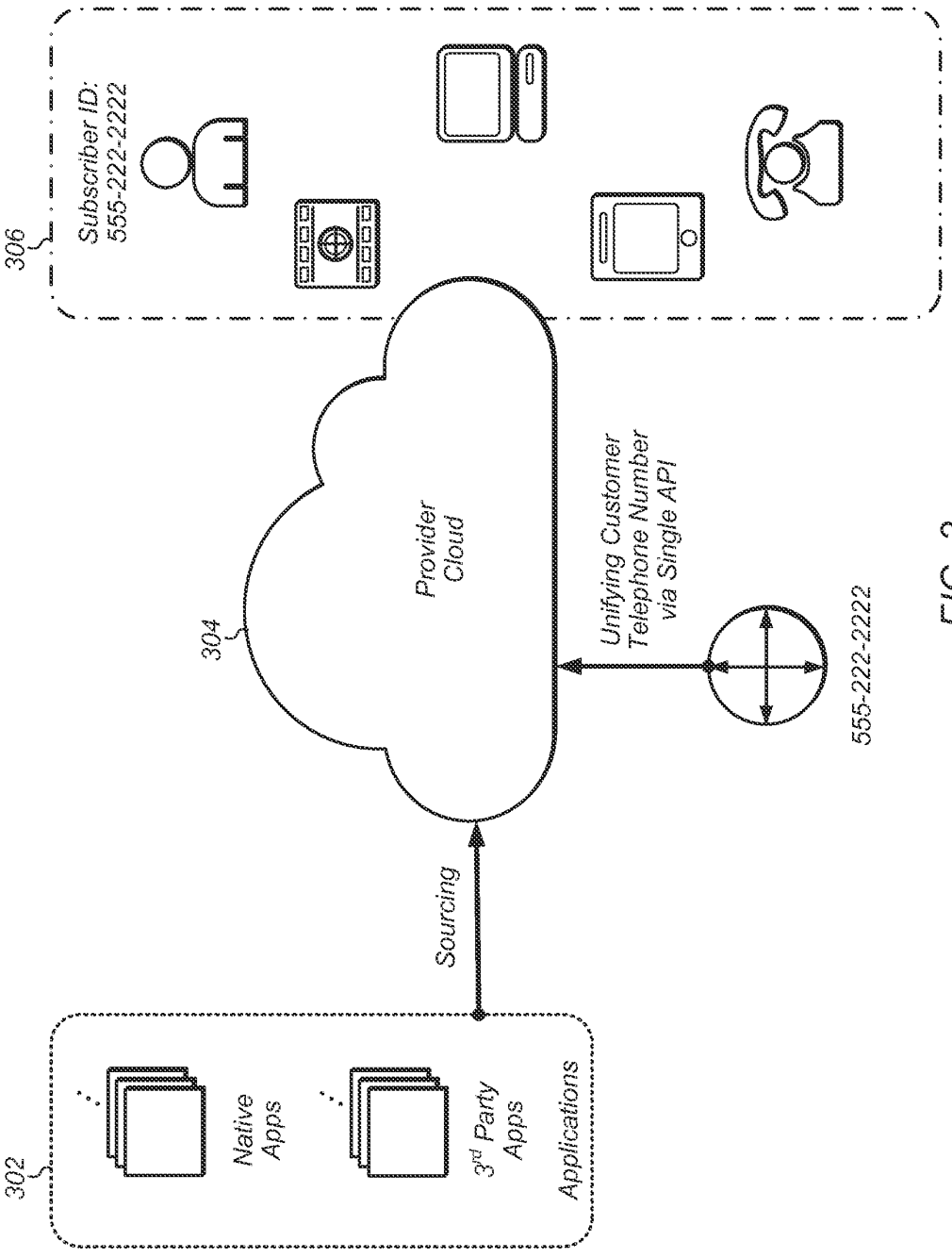

306
Subscriber ID:
555-222-2222
304
Provider
Cloud
Unifying Customer
Telephone Number
via Single API
555-222-2222
302
Native
Apps
3rd Party
Apps
Applications
Sourcing

FIG. 3

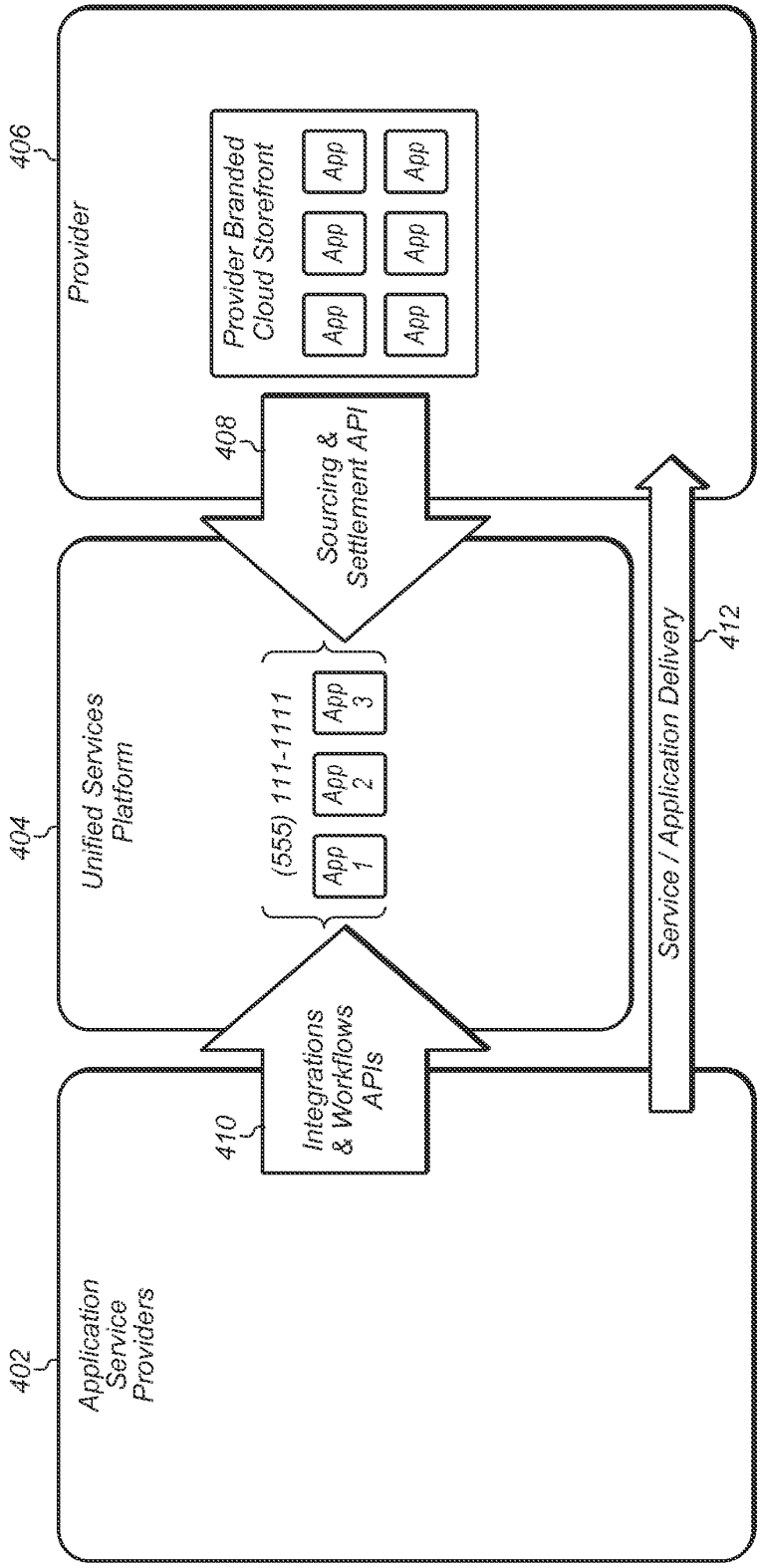

402
Application Service Providers
404
Unified Services Platform
406
Provider
408
Sourcing & Settlement API
410
Integrations & Workflows APIs
412
Service / Application Delivery
Provider Branded Cloud Storefront
App
(555) 111-1111
App 1
App 2
App 3

FIG. 4

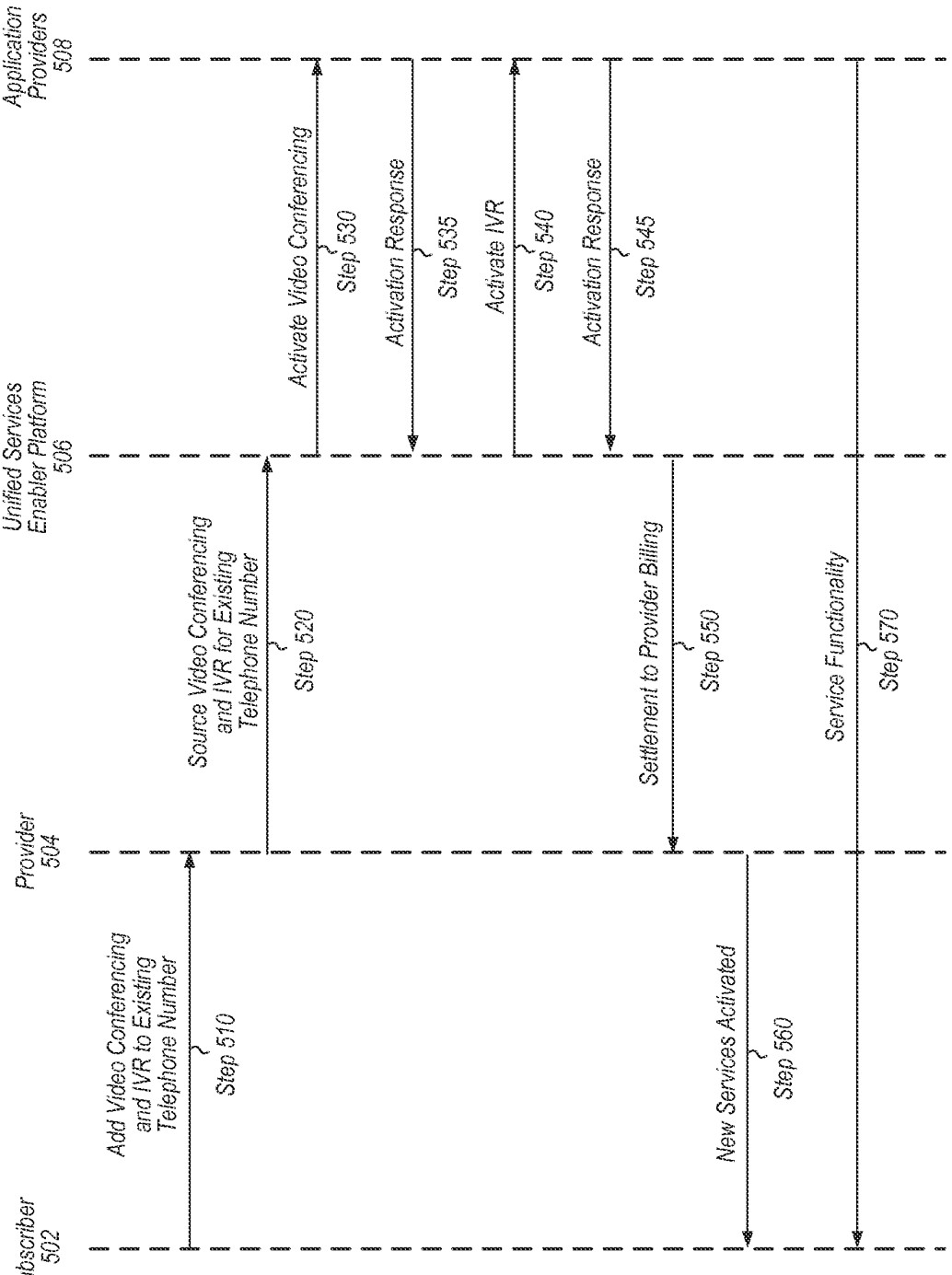

Subscriber 502
Provider 504
Unified Services Enabler Platform 506
Application Providers 508
Add Video Conferencing and IVR to Existing Telephone Number
Step 510
Source Video Conferencing and IVR for Existing Telephone Number
Step 520
Activate Video Conferencing
Step 530
Activation Response
Step 535
Activate IVR
Step 540
Activation Response
Step 545
Settlement to Provider Billing
Step 550
New Services Activated
Step 560
Service Functionality
Step 570

FIG. 5

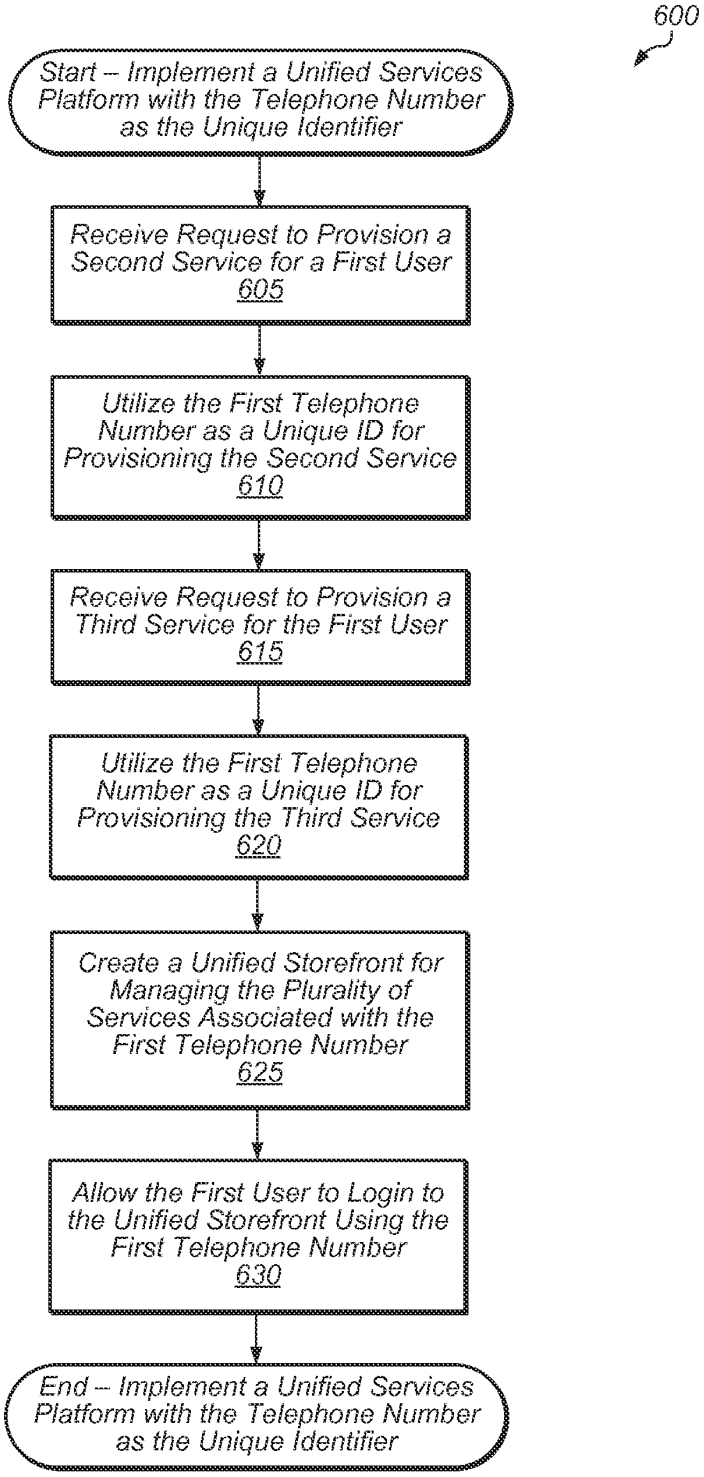

600
Start – Implement a Unified Services Platform with the Telephone Number as the Unique Identifier
Receive Request to Provision a Second Service for a First User 605
Utilize the First Telephone Number as a Unique ID for Provisioning the Second Service 610
Receive Request to Provision a Third Service for the First User 615
Utilize the First Telephone Number as a Unique ID for Provisioning the Third Service 620
Create a Unified Storefront for Managing the Plurality of Services Associated with the First Telephone Number 625
Allow the First User to Login to the Unified Storefront Using the First Telephone Number 630
End – Implement a Unified Services Platform with the Telephone Number as the Unique Identifier

FIG. 6

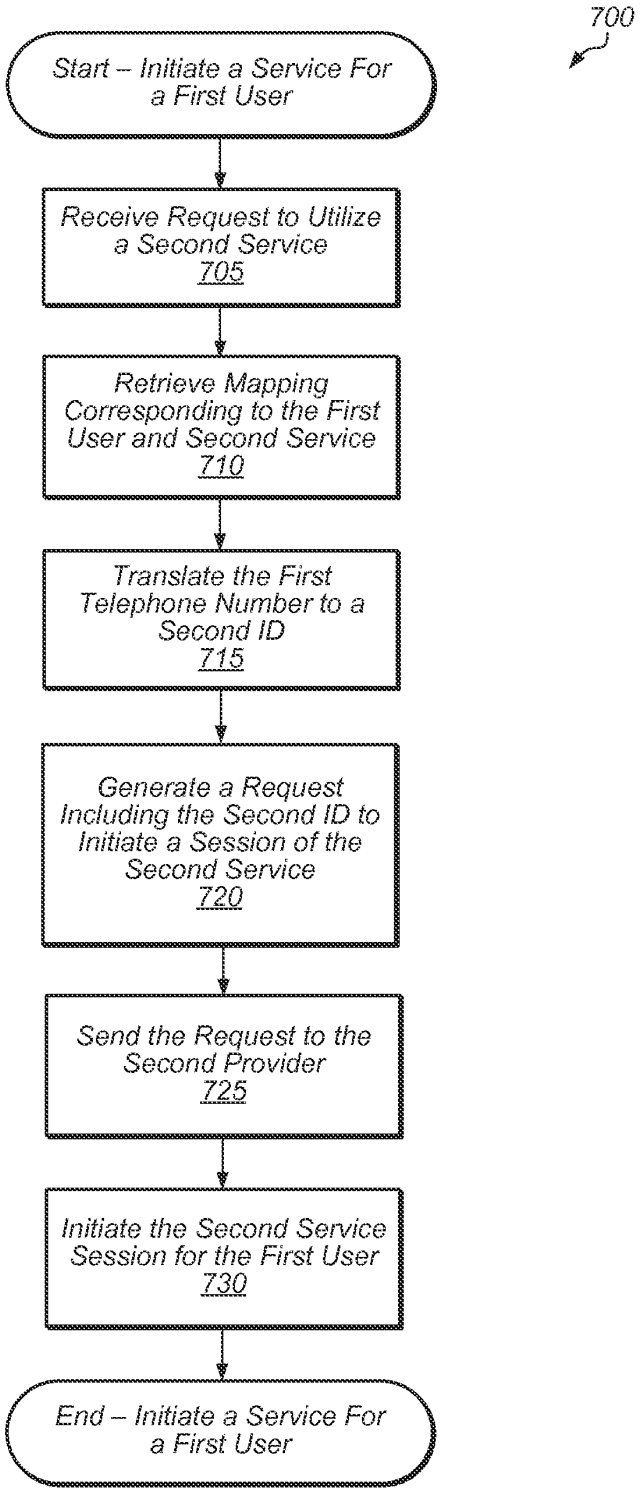

700
Start – Initiate a Service For a First User
Receive Request to Utilize a Second Service 705
Retrieve Mapping Corresponding to the First User and Second Service 710
Translate the First Telephone Number to a Second ID 715
Generate a Request Including the Second ID to Initiate a Session of the Second Service 720
Send the Request to the Second Provider 725
Initiate the Second Service Session for the First User 730
End – Initiate a Service For a First User

FIG. 7

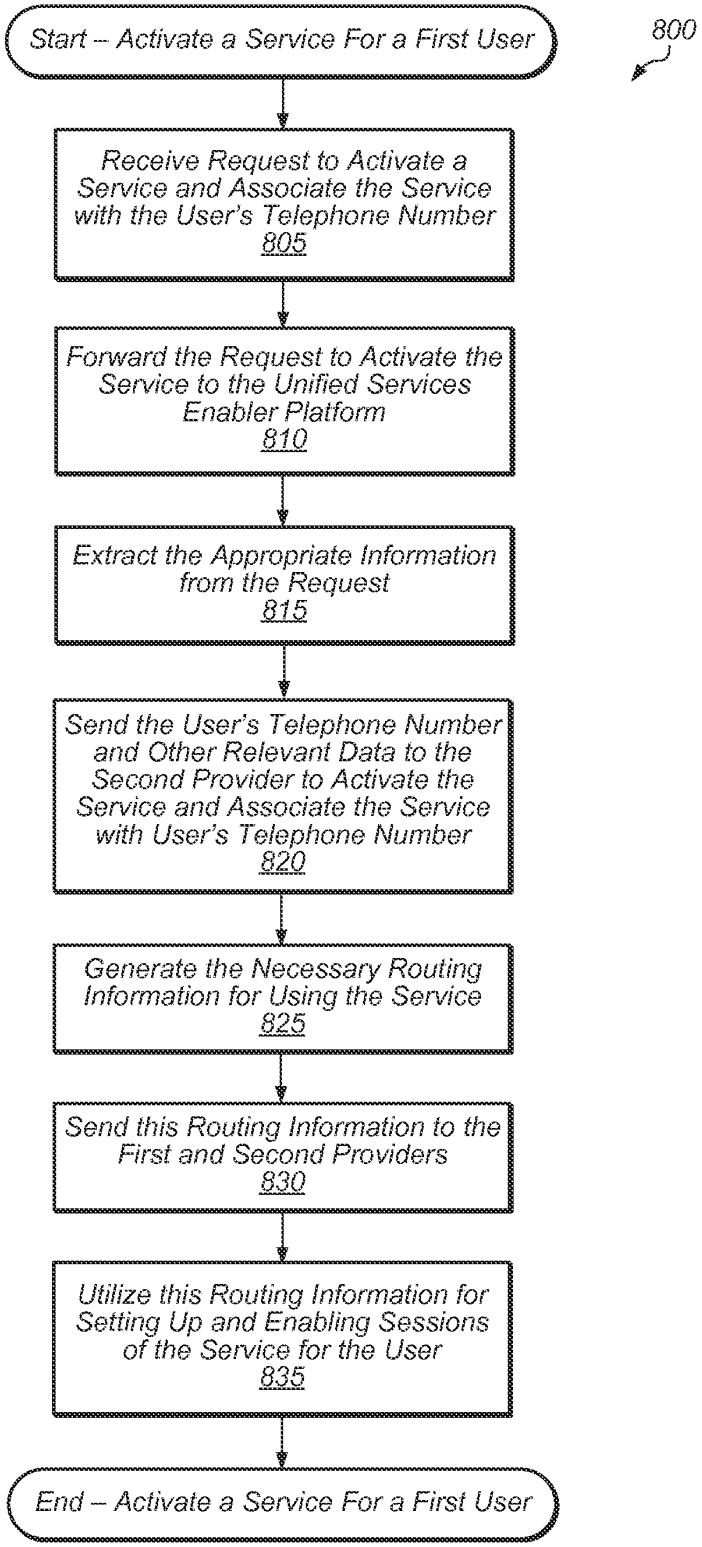

Start – Activate a Service For a First User
800
Receive Request to Activate a Service and Associate the Service with the User's Telephone Number
805
Forward the Request to Activate the Service to the Unified Services Enabler Platform
810
Extract the Appropriate Information from the Request
815
Send the User's Telephone Number and Other Relevant Data to the Second Provider to Activate the Service and Associate the Service with User's Telephone Number
820
Generate the Necessary Routing Information for Using the Service
825
Send this Routing Information to the First and Second Providers
830
Utilize this Routing Information for Setting Up and Enabling Sessions of the Service for the User
835
End – Activate a Service For a First User

FIG. 8

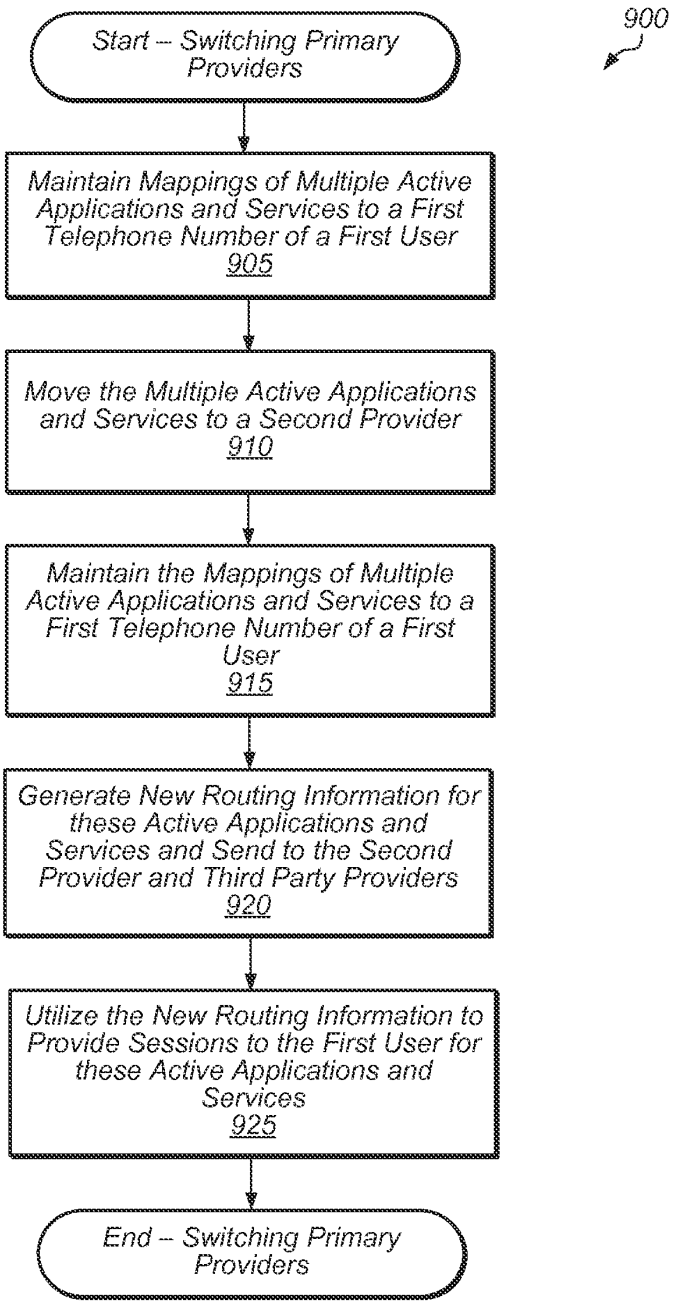

900
Start – Switching Primary Providers
Maintain Mappings of Multiple Active Applications and Services to a First Telephone Number of a First User
905
Move the Multiple Active Applications and Services to a Second Provider
910
Maintain the Mappings of Multiple Active Applications and Services to a First Telephone Number of a First User
915
Generate New Routing Information for these Active Applications and Services and Send to the Second Provider and Third Party Providers
920
Utilize the New Routing Information to Provide Sessions to the First User for these Active Applications and Services
925
End – Switching Primary Providers

FIG. 9

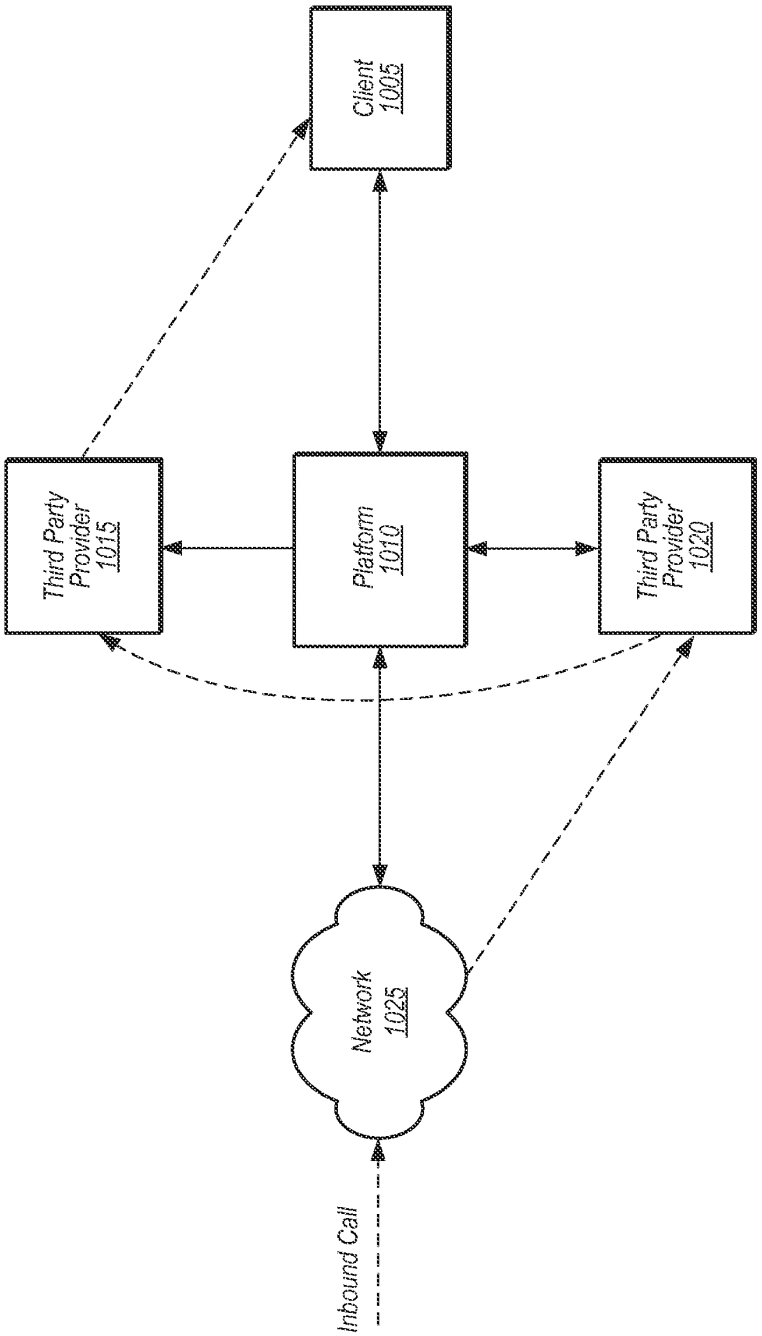

Client
1005
Third Party
Provider
1015
Platform
1010
Third Party
Provider
1020
Network
1025
Inbound Call

FIG. 10

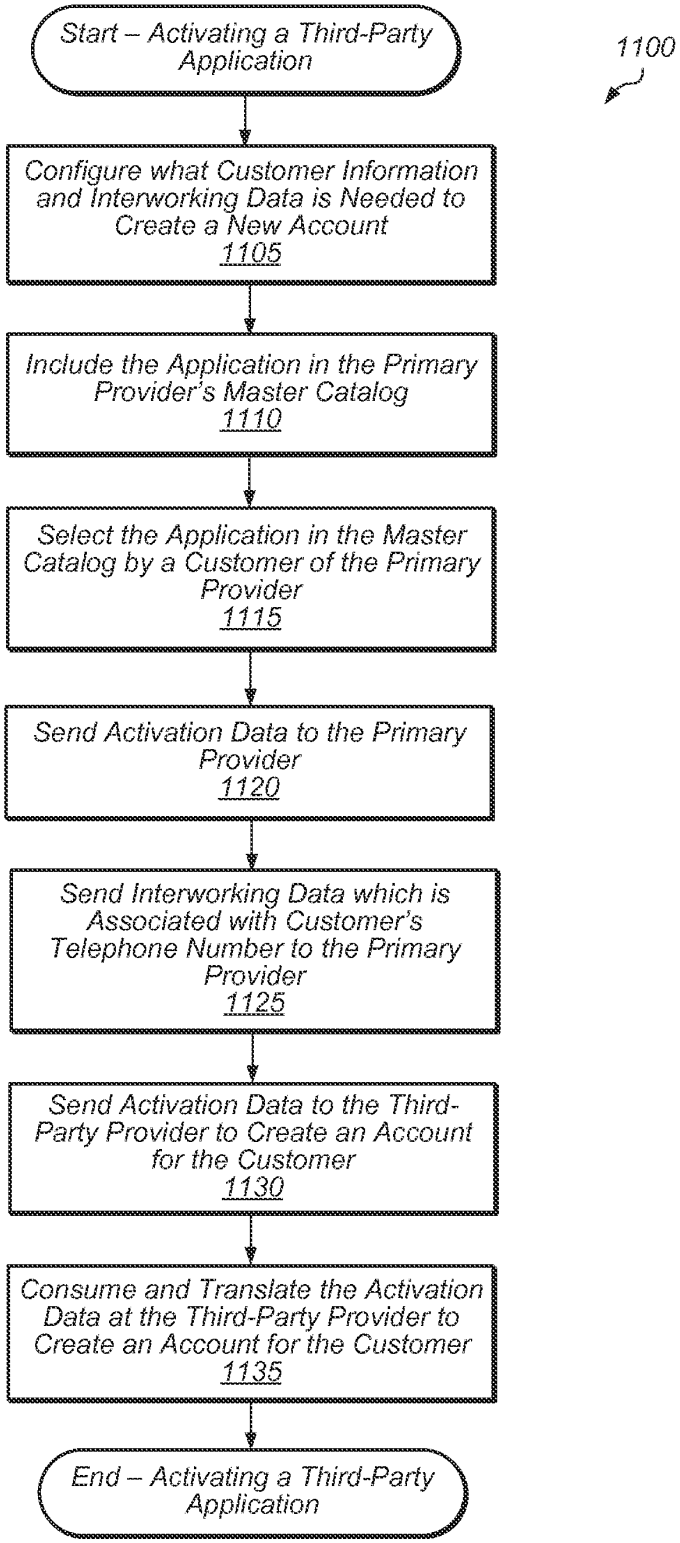

Start – Activating a Third-Party Application
1100
Configure what Customer Information and Interworking Data is Needed to Create a New Account
1105
Include the Application in the Primary Provider's Master Catalog
1110
Select the Application in the Master Catalog by a Customer of the Primary Provider
1115
Send Activation Data to the Primary Provider
1120
Send Interworking Data which is Associated with Customer's Telephone Number to the Primary Provider
1125
Send Activation Data to the Third-Party Provider to Create an Account for the Customer
1130
Consume and Translate the Activation Data at the Third-Party Provider to Create an Account for the Customer
1135
End – Activating a Third-Party Application

FIG. 11

6789-00101

PTO/AIA/01 (06-12)
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Unified Services Platform Using A Telephone Number As A Common Subscriber Identifier

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:

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LEGAL NAME OF INVENTOR

Inventor: Evin Hunt Date 21-Nov-2013

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.

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