

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3317840

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JVL VENTURES, LLC	02/20/2015

RECEIVING PARTY DATA

Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 213

Property Type	Number
Application Number:	13848962
Application Number:	61619332
Application Number:	13653145
Application Number:	14487433
Application Number:	61554393
Application Number:	61594246
Application Number:	13948854
Application Number:	61675450
Application Number:	13945382
Application Number:	61676227
Application Number:	61675947
Application Number:	13945399
Application Number:	13901134
Application Number:	61756845
Application Number:	61772260
Application Number:	61794545
Application Number:	61651276
Application Number:	13901188
Application Number:	13975549
Application Number:	61700491

PATENT

Property Type	Number
Application Number:	13975583
Application Number:	61700496
Application Number:	13653160
Application Number:	61756853
Application Number:	61702653
Application Number:	14029463
Application Number:	13782876
Application Number:	61619480
Application Number:	13934008
Application Number:	61669915
Application Number:	61816488
Application Number:	61669576
Application Number:	13934014
Application Number:	13857400
Application Number:	61693089
Application Number:	14044391
Application Number:	61710383
Application Number:	14044398
Application Number:	14164901
Application Number:	61805424
Application Number:	14224886
Application Number:	61805410
Application Number:	14223207
Application Number:	61805413
Application Number:	14324753
Application Number:	61843708
Application Number:	14160062
Application Number:	61825857
Application Number:	14278153
Application Number:	61825861
Application Number:	14183137
Application Number:	61825867
Application Number:	14278120
Application Number:	61825870
Application Number:	14305225
Application Number:	61835974
Application Number:	61845094
Application Number:	14288776

Property Type	Number
Application Number:	61845684
Application Number:	14331777
Application Number:	61847227
Application Number:	14327821
Application Number:	61847231
Application Number:	14327833
Application Number:	61847390
Application Number:	14488366
Application Number:	61884719
Application Number:	14508304
Application Number:	61889233
Application Number:	14492209
Application Number:	61889238
Application Number:	61889240
Application Number:	61889405
Application Number:	14508348
Application Number:	61889244
Application Number:	61901662
Application Number:	14571893
Application Number:	61917113
Application Number:	14564552
Application Number:	61918169
Application Number:	61918178
Application Number:	61918186
Application Number:	61949426
Application Number:	61918196
Application Number:	61918432
Application Number:	61918440
Application Number:	61918203
Application Number:	14570361
Application Number:	61918210
Application Number:	14570371
Application Number:	61918216
Application Number:	14584508
Application Number:	61921916
Application Number:	61935606
Application Number:	61918231
Application Number:	61918236

Property Type	Number
Application Number:	14567184
Application Number:	61921935
Application Number:	14591709
Application Number:	61925048
Application Number:	61925050
Application Number:	61925054
Application Number:	14592085
Application Number:	61925062
Application Number:	61925066
Application Number:	61927136
Application Number:	61930243
Application Number:	61930235
Application Number:	61935019
Application Number:	61934973
Application Number:	61934974
Application Number:	14551752
Application Number:	61935023
Application Number:	14614630
Application Number:	61937791
Application Number:	61938892
Application Number:	61938898
Application Number:	61940077
Application Number:	61940090
Application Number:	61948281
Application Number:	61952451
Application Number:	61952459
Application Number:	61952471
Application Number:	61954757
Application Number:	61971819
Application Number:	61971825
Application Number:	61971832
Application Number:	61971837
Application Number:	61971917
Application Number:	61976893
Application Number:	61976898
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Application Number:	61980150
Application Number:	61980151

Property Type	Number
Application Number:	61983037
Application Number:	61985155
Application Number:	62003167
Application Number:	62036312
Application Number:	62005327
Application Number:	62005338
Application Number:	62005348
Application Number:	62006488
Application Number:	62008865
Application Number:	62010846
Application Number:	62036718
Application Number:	62026159
Application Number:	62030684
Application Number:	62029666
Application Number:	62037271
Application Number:	62041322
Application Number:	62041324
Application Number:	62041326
Application Number:	62041330
Application Number:	62045143
Application Number:	62044528
Application Number:	62045159
Application Number:	62047797
Application Number:	62051538
Application Number:	62051553
Application Number:	62060220
Application Number:	62060226
Application Number:	62069517
Application Number:	62081328
Application Number:	62081339
Application Number:	62084349
Application Number:	29472776
Application Number:	29480642
Application Number:	29494668
Application Number:	29496608
Application Number:	29481320
PCT Number:	US2013033467
PCT Number:	US2012060445

Property Type	Number
PCT Number:	US2013051696
PCT Number:	US2013051063
PCT Number:	US2013051066
PCT Number:	US2013042451
PCT Number:	US2013042455
PCT Number:	US2013056565
PCT Number:	US2013056571
PCT Number:	US2012060442
PCT Number:	US2013060189
PCT Number:	US2013028697
PCT Number:	US2013049137
PCT Number:	US2013049139
PCT Number:	US2013035406
PCT Number:	US2013063060
PCT Number:	US2013063065
PCT Number:	US2014013168
PCT Number:	US2014031737
PCT Number:	US2014031563
PCT Number:	US2014045574
PCT Number:	US2014012339
PCT Number:	US2014038085
PCT Number:	US2014016922
PCT Number:	US2014038080
PCT Number:	US2014042469
PCT Number:	US2014039725
PCT Number:	US2014046664
PCT Number:	US2014046109
PCT Number:	US2014055983
PCT Number:	US2014059432
PCT Number:	US2014056719
PCT Number:	US2014059436
PCT Number:	US2014070545
PCT Number:	US2014069271
PCT Number:	US2014070317
PCT Number:	US2014070320
PCT Number:	US2014072542
PCT Number:	US2014069712
PCT Number:	US2015010512

Property Type	Number
PCT Number:	US2015010557
PCT Number:	US2014067111
PCT Number:	US2015014557

CORRESPONDENCE DATA

Fax Number: (240)359-4879

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 912 257 4864

Email: marina@jmi-iplaw.com

Correspondent Name: JOHNSON, MARCOU & ISAACS, LLC

Address Line 1: 317A EAST LIBERTY STREET

Address Line 4: SAVANNAH, GEORGIA 31401

NAME OF SUBMITTER: MARINA ORMAN

SIGNATURE: /MARINA ORMAN/

DATE SIGNED: 04/20/2015

Total Attachments: 20

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- source=JVL-Executed_Patent_Assignment#page2.tif
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CORPORATE PATENT ASSIGNMENT FOR ALL COUNTRIES

This Patent Assignment (this "Assignment") is made and entered into as of February 20, 2015, by and between **JVL Ventures, LLC**, a Delaware limited liability company, with a business address of 230 Park Avenue, Suite 2700, New York , NY 10169 ("Assignor"), and **Google Inc.**, a Delaware corporation, with a business address of 1600 Amphitheatre Parkway, Mountain View, CA 94043 ("Assignee").

WHEREAS, Assignor and Assignee entered into an Asset Purchase Agreement Between Google Inc. and JVL Ventures, LLC dated as of February 20, 2015, (the "Asset Purchase Agreement"), pursuant to which Assignor agreed to sell, transfer, assign and deliver and Assignee agreed to purchase and accept assignment of, among other assets, the patents and patent applications as identified in Schedule A hereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

1. Assignor hereby sells, assigns, transfers and conveys unto Assignee, its successors and assigns, including any nominees, all of Assignor's rights, title and interest in and to (i) all inventions described in the patents and patent applications listed on the attached **Schedule A**, and in and to said patents and patent applications and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof ("Patent Rights") and (ii) all benefits, privileges, causes of action, common law rights, and remedies relating thereto throughout the world, including, without limitation, all of Assignor's rights to: (a) apply for and maintain all registrations, renewals and/or extensions thereof, (b) bring actions and recover damages for past, present and future infringement or other violation thereof and (c) grant licenses or other interests therein.

2. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said Patent Rights to the Assignee or to such nominees as it may designate.

3. Assignor authorizes and empowers said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection ensuing from said applications for Patent Rights filed by it or them, the benefit of the right of priority provided by

the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

4. Assignor hereby consents that a copy of this Assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned have caused this instrument to be signed by a duly authorized representative as of the date first written above.

ASSIGNOR:

JVL VENTURES, LLC

By: 
Name: Michael J. Abbott
Title: Chief Executive Officer

ASSIGNEE:

GOOGLE INC.

By: _____
Name:
Title:

*This Assignment has been executed in accordance with the Laws of its place of execution.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be signed by a duly authorized representative as of the date first written above.

ASSIGNOR:

JVL VENTURES, LLC

By: _____

Name: Michael J. Abbott

Title: Chief Executive Officer

ASSIGNEE:

GOOGLE INC.

By:  _____

Name: Kenneth Yi

Title: Assistant Secretary

*This Assignment has been executed in accordance with the Laws of its place of execution.

SCHEDULE A

Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
13/848962	22-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING PAYMENT ACCOUNTS INTO MOBILE WALLETS AND MANAGING EVENTS	USA
PCT/US2013/033467	22-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING PAYMENT ACCOUNTS INTO MOBILE WALLETS AND MANAGING EVENTS	PCT
61/619332	02-Apr-2012			PROVISIONING PAYMENT ACCOUNTS INTO A MOBILE WALLET	USA
13/653145	16-Oct-2012	8875228	28-Oct-2014	SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	USA
14/487433	16-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	USA
2012332957	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	Australia
2854277	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	Canada
201280057986.5	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	China
12784392.8	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	EP
14111278.4	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	Hong Kong
2014-538837	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	Japan
10-2014-7014377	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	Republic of Korea
MX/a/2014/005180	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	Mexico
PCT/US2012/060445	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS	PCT
61/554393	01-Nov-2011			MOBILE COMMERCE SYSTEM	USA
61/594246	02-Feb-2012			MANAGE PREPAID ISSUER TASK SERVICE	USA
13/948854	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	USA
2013293151	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	Australia
2874708	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	Canada
201380033767.8	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	China
13753715.5	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	EP

SCHEDULE A

Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
Not yet avail.	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	Japan
10-2014-7036493	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	Republic of Korea
MX/a/2014/015514	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	Mexico
PCT/US2013/051696	23-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS	PCT
61/675450	25-Jul-2012			CLIP TO ISIS	USA
13/945382	18-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR RECEIVING A FEED MESSAGE	USA
61/676227	26-Jul-2012			ISIS FEED	USA
PCT/US2013/051063	18-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR RECEIVING A FEED MESSAGE	PCT
61/675947	26-Jul-2012			ISIS FEED	USA
13/945399	18-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR GENERATING A FEED MESSAGE	USA
PCT/US2013/051066	18-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR GENERATING A FEED MESSAGE	PCT
13/901134	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	USA
2013266229	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Australia
2874649	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Canada
201380027257.X	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	China
13732662.5	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	EP
Not yet avail.	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Japan
10-2014-7035327	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Republic of Korea
MX/a/2014/014330	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Mexico
61/756845	25-Jan-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR AUTHENTICATING A MOBILE WALLET	USA
61/772260	04-Mar-2013			METHOD SYSTEM, APPARATUS, AND COMPUTER-READABLE MEDIUM FOR PROVIDING A CONTACTLESS PROTOCOL	USA
61/794545	15-Mar-2013			METHOD, SYSTEM, APPARATUS AND COMPUTER-READABLE MEDIUM FOR PROVIDING A CONTACTLESS PROTOCOL	USA

SCHEDULE A

Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
PCT/US2013/042451	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	PCT
61/651276	24-May-2012			METHOD, SYSTEM, APPARATUS AND COMPUTER-READABLE MEDIUM FOR PROVIDING A CONTACTLESS PROTOCOL	USA
13/901188	23-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	USA
2013266233	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Australia
287/4652	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Canada
201380027251.2	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	China
13727008.8	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	EP
Not yet avail.	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Japan
10-2014-7035328	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Republic of Korea
MX/a/2014/014331	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	Mexico
PCT/US2013/042455	23-May-2013			SYSTEMS, METHODS, AND COMPUTER-PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL	PCT
61/756845	25-Jan-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR AUTHENTICATING A MOBILE WALLET	USA
13/975549	26-Aug-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PROVIDER OFFERS	USA
PCT/US2013/056565	26-Aug-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PROVIDER OFFERS	PCT
61/700491	13-Sep-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PROVIDER OFFERS	USA
13/975583	26-Aug-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PROVIDER LOYALTY PROGRAMS	USA
PCT/US2013/056571	26-Aug-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PROVIDER LOYALTY PROGRAMS	PCT
61/700496	13-Sep-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PROVIDER LOYALTY PROGRAMS	USA
13/653160	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	USA
2012332956	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Australia

SCHEDULE A

Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
2854276	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Canada
201280059706.4	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	China
12784391.0	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	EP
14111281.9	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Hong Kong
Not yet avail.	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Japan
10-2014-7014442	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Republic of Korea
MX/a/2014/005181	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Mexico
61/756853	25-Jan-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MANAGING THE CLEANUP OF PAYMENT APPLICATIONS	USA
PCT/US2012/060442	16-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	PCT
61/702653	18-Sep-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	USA
14/029463	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	USA
2013318245	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Australia
201380031055.2	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	China
13773932.2	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	EP

SCHEDULE A

Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
Not yet avail.	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Japan
10-2014-7035460	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Republic of Korea
MX/a/2014/015189	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	Mexico
PCT/US2013/060189	17-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	PCT
13/782876	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	USA
2013243926	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	Australia
2869572	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	Canada
201380024826.5	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	China
13711197.7	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	EP
2015-504559	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	Japan
10-2014-7030778	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	Republic of Korea
MX/a/2014/011977	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	Mexico
PCT/US2013/028697	01-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING AND MANAGING CHANGES ASSOCIATED WITH MOBILE WALLETS	PCT
61/619480	03-Apr-2012			SCENARIOS FOR HARDWARE CHANGES AND ASSOCIATED MNO INTEGRATION	USA
13/934008	02-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTEGRATING THIRD PARTY SERVICES WITH A MOBILE WALLET	USA
61/669915	10-Jul-2012			INTEGRATION OF MOBILE WALLET WITH ISSUER OR THIRD PARTY SERVICES FOR INTEGRATED USER EXPERIENCE	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
61/816488	26-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING ISSUER DATA	USA
PCT/US2013/049137	02-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERGRATING THIRD PARTY SERVICES WITH A MOBILE WALLET	PCT
61/669576	09-Jul-2012			INTEGRATION OF MOBILE WALLET WITH ISSUER OR THIRD PARTY SERVICES FOR INTEGRATED USER EXPERIENCE	USA
13/934014	02-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERGRATING THIRD PARTY SERVICES WITH A MOBILE WALLET	USA
PCT/US2013/049139	02-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERGRATING THIRD PARTY SERVICES WITH A MOBILE WALLET	PCT
13/857400	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	USA
2013306399	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	Australia
2874603	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	Canada
201380034886.5	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	China
13717928.9	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	EP
Not yet avail.	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	Japan
10-2014-7036486	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	Republic of Korea
MX/a/2014/015516	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	Mexico
PCT/US2013/035406	05-Apr-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS	PCT
61/693089	24-Aug-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AN APPLLET ON A SECURE ELEMENT	USA
14/044391	02-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING REMOTE TRANS ACTIONS	USA
PCT/US2013/063060	02-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING REMOTE TRANS ACTIONS	PCT

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
61/710383	05-Oct-2012			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING REMOTE TRANSACTIONS USING ACCOUNTS ASSOCIATED WITH MOBILE WALLETS	USA
14/044398	02-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING REMOTE TRANSACTIONS	USA
PCT/US2013/063065	02-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING REMOTE TRANSACTIONS	PCT
14/164901	27-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING WALLET ACTIVATION	USA
PCT/US2014/013168	27-Jan-2014			SYSTEM, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING WALLET ACTIVATION	PCT
61/805424	26-Mar-2013			SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING WALLET ACTIVATION	USA
14/224886	25-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING ACCESS CONTROL	USA
PCT/US2014/031737	25-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING ACCESS CONTROL	PCT
61/805410	26-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING ACCESS CONTROL	USA
14/223207	24-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE INSTALLATION	USA
PCT/US2014/031563	24-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE INSTALLATION	PCT
61/805413	26-Mar-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICES	USA
14/324753	07-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING SETS OF INSTRUCTIONS FOR MOBILE DEVICES	USA
PCT/US2014/045574	07-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING SETS OF INSTRUCTIONS FOR MOBILE DEVICES	PCT
61/843708	08-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DISTRIBUTED ASSETS IN A MOBILE COMMERCE ENVIRONMENT	USA
14/160062	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA RE-INSTALLATION	USA
2014209581	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	Australia
2874729	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	Canada
201480001656.3	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	China

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
14743575.4	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	EP
Not yet avail.	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	Japan
10-2014-7036494	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	Republic of Korea
MX/a/2014/015510	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS MANAGING DATA RE-INSTALLATION	Mexico
PCT/US2014/012339	21-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SERVICE PERSONALIZATION	PCT
61/825857	21-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE PERSONALIZATION	USA
14/278153	15-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE UPGRADES	USA
PCT/US2014/038085	15-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE UPGRADES	PCT
61/825861	21-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE UPGRADES	USA
14/183137	18-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING STATES	USA
PCT/US2014/016922	18-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING STATES	PCT
61/825867	21-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING MOBILE WALLET ACCOUNT STATES	USA
14/278120	15-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DISABLING OF SERVICES	USA
PCT/US2014/038080	15-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DISABLING OF SERVICES	PCT
61/825870	21-May-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DISABLING OF SERVICES	USA
14/305225	16-Jun-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A REQUEST RELATING TO A MOBILE COMMUNICATION DEVICE	USA
PCT/US2014/042469	16-Jun-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A REQUEST RELATING TO A MOBILE COMMUNICATION DEVICE	PCT
61/835974	17-Jun-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING REQUESTS FOR CUSTOMER DATA	USA
61/845094	11-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CUSTOMER CARE DATA AND INTERFACING WITH MOBILE NETWORK	USA
14/288776	28-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR ENABLING INSTRUMENT CREDENTIALS	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
PCT/US2014/039725	28-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR ENABLING INSTRUMENT CREDENTIALS	PCT
61/845684	12-Jul-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MANAGING PAYMENT CARD STATES	USA
14/331777	15-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MODIFYING AND DELETING DATA FROM A MOBILE DEVICE	USA
PCT/US2014/046664	15-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MODIFYING AND DELETING DATA FROM A MOBILE DEVICE	PCT
61/847227	17-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING WITH MERCHANT SYSTEMS AND MANAGING OFFERS	USA
14/327821	10-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR REPORTING CONTACTLESS TRANSACTION DATA	USA
PCT/JP2014/046107	10-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR REPORTING CONTACTLESS TRANSACTION DATA	PCT
61/847231	17-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS	USA
14/327833	10-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS	USA
PCT/US2014/046109	10-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR REPORTING CONTACTLESS TRANSACTIONS DATA	PCT
61/847390	17-Jul-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SYNCHRONIZING MOBILE WALLET DATA	USA
14/488366	17-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURELY MANAGING DATA ON A SECURE ELEMENT	USA
PCT/US2014/055983	17-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA ON A SECURE ELEMENT	PCT
61/884719	30-Sep-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING A WALLET COMPANION APPLET	USA
14/508304	07-Oct-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING COMMUNICATIONS	USA
PCT/US2014/059432	07-Oct-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING COMMUNICATIONS	PCT
61/889233	10-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING SECURE SESSIONS	USA
14/492209	22-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR STORING AND MANAGING PROGRAM DATA	USA
PCT/US2014/056719	22-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR STORING AND MANAGING PROGRAM DATA	PCT
61/889238	10-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS COMMUNICATIONS	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
61/889240	10-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR REMOVING MOBILE APPLICATION DATA	USA
61/889405	10-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SERVICE INSTALLATION	USA
14/508348	07-Oct-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS	USA
PCT/US2014/059436	07-Oct-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS	PCT
61/889244	10-Oct-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING MOBILE DEVICE TAPS	USA
61/901662	08-Nov-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING COMMUNICATIONS BETWEEN TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS	USA
14/571893	16-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING TRANSACTION DATA	USA
PCT/US2014/070545	16-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING TRANSACTION DATA	PCT
61/917113	17-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CUSTOMER RELATIONSHIP MARKETING SOLUTION	USA
14/564552	09-Dec-2014			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR OBTAINING MOBILE DEVICE DATA	USA
PCT/US2014/069271	09-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR OBTAINING MOBILE DEVICE DATA	PCT
61/918169	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR OBTAINING A MOBILE DEVICE NUMBER	USA
61/918178	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A PROXY BETWEEN SERVICE PROVIDERS AND COMPONENTS OF A MOBILE WALLET ECOSYSTEM	USA
61/918186	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING DATA STRUCTURES ASSOCIATED WITH SERVICE PROVIDERS	USA
61/949426	07-Mar-2014			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A USER INTERFACE	USA
61/918196	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A USER INTERFACE	USA
61/918432	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CLEANUP OF SECURE ELEMENTS	USA
61/918440	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DORMANT MOBILE WALLETS	USA
61/918203	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR AUTOMATICALLY PROPAGATING CHANGES TO PARAMETERS IN CONFIGURATION FILES	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
14/570361	15-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SERVICE PROCESSING	USA
PCT/US2014/070317	15-Dec-2014			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR SERVICE PROCESSING	PCT
61/918210	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MANAGING AND PROVIDING AVAILABILITY OF RESOURCES IN A MOBILE TRANSACTION ECOSYSTEM	USA
14/570371	15-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SERVICE PROCESSING	USA
PCT/US2014/070320	15-Dec-2014			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR SERVICE PROCESSING	PCT
61/918216	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR ADAPTIVELY MANAGING COMMUNICATIONS BETWEEN MULTIPLE SYSTEMS	USA
14/584508	29-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING LIMITED-USE DATA	USA
PCT/US2014/072542	29-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING LIMITED-USE DATA	PCT
61/921916	30-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING SINGLE-USE OFFERS	USA
61/935606	04-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR COMMUNICATING OFFERS	USA
61/918231	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING CONTACTLESS DATA SHARING	USA
61/918236	19-Dec-2013			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING SECURE DEBUG LOGGING	USA
14/567184	11-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING APPLICATION VALIDATION	USA
PCT/US2014/69712	11-Dec-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING APPLICATION VALIDATION	PCT
61/921935	30-Dec-2013			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING KEY ENCRYPTION	USA
14/591709	07-Jan-2015			GENERATING TARGETED COMMUNICATIONS BASED ON ACQUIRED INFORMATION FROM A MOBILE DEVICE	USA
PCT/US2015/010512	07-Jan-2015			GENERATING TARGETED COMMUNICATIONS BASED ON ACQUIRED INFORMATION FROM A MOBILE DEVICE	PCT
61/925048	08-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING FREQUENCY LOYALTY PROGRAMS	USA
61/925050	08-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING PSEUDO LOYALTY PROGRAMS	USA
61/925054	08-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING TARGETED OFFERS	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
14/592085	08-Jan-2015			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IDENTIFYING REMOTE COMPUTING SYSTEMS	USA
PCT/US2015/010557	08-Jan-2015			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IDENTIFYING REMOTE COMPUTING SYSTEMS	PCT
61/925062	08-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IDENTIFYING POINT OF SALE TERMINALS	USA
61/925066	08-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING LOYALTY PROGRAM ENROLLMENT	USA
61/927136	14-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING APPLICATIONS ON MOBILE DEVICES	USA
61/930243	22-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING MERCHANT PROFILES ASSOCIATED WITH MOBILE WALLETS	USA
61/930235	22-Jan-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR RECONCILING MULTIPLE SYSTEMS	USA
61/935019	03-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PERFORMING REGIONAL DATA MANAGEMENT	USA
61/934973	03-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DISTRIBUTING DATA IN REAL TIME	USA
61/934974	03-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS WITH AUTOMATED TELLER MACHINES	USA
14/551752	24-Nov-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFER USE OPTIONS	USA
PCT/US2014/067111	24-Nov-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING DATA USE OPTIONS	PCT
61/935023	03-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFER USE OPTIONS	USA
14/614630	05-Feb-2015			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONSUMER DATA	USA
PCT/US2015/014557	05-Feb-2015			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONSUMER DATA	PCT
61/937791	10-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONSUMER DATA	USA
61/938892	12-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING CONTACTLESS COMMUNICATIONS	USA
61/938898	12-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING LOCATION-BASED DATA MANAGEMENT	USA
61/940077	14-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING LOCATION-BASED NOTIFICATIONS	USA
61/940090	14-Feb-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING LOCATION-BASED AUTHENTICATION	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
61/948281	05-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR EQUIPPING MOBILE WALLETS WITH LOYALTY CARDS	USA
61/952451	13-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR TOKEN PROCESSING	USA
61/952459	13-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING WITH A CLOUD-BASED SECURE STORAGE	USA
61/952471	13-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CLOUD-BASED SECURE STORAGE	USA
61/954757	18-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SETTING, MANAGING AND USING PREFERENCES	USA
61/971819	28-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING COMMUNICATIONS BETWEEN MOBILE WALLETS	USA
61/971825	28-Mar-2014			SYSTEM, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTEGRATING THIRD PARTY APPLICATIONS	USA
61/971832	28-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING NFC ENABLED TERMINALS	USA
61/971837	28-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURITY DATA	USA
61/971917	28-Mar-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA REQUESTS	USA
61/976893	08-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING GIFT CARDS	USA
61/976898	08-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A GIFT CARD MANAGEMENT ARCHITECTURE	USA
61/976903	08-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DIGITIZING GIFT CARDS	USA
61/980150	16-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING OFFERS	USA
61/980151	16-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CHANGE SCENARIOS	USA
61/983037	23-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING OFFER DISTRIBUTION	USA
61/985155	28-Apr-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING ISSUER INTEGRATION	USA
62/003167	27-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING TRANSACTIONS USING REMOTE COUPLING	USA
62/036312	12-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING TRANSACTIONS USING REMOTE COUPLING	USA
62/005327	30-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A SECURE ELEMENT ARCHITECTURE	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
62/005338	30-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING AN INTERFACE PROXY	USA
62/005348	30-May-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING INSTRUMENT PERSONALIZATION	USA
62/006488	02-Jun-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR USING MOBILE APPLICATIONS VIA CHIP CARDS	USA
62/008865	06-Jun-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR AGGREGATING THIRD PARTY DATA	USA
62/010846	11-Jun-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING TRANSIT ACCESS	USA
62/036718	13-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING THE ENABLEMENT OF DATA	USA
62/026159	18-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A PROCESS AGGREGATOR	USA
62/030684	30-Jul-2014			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR SYNCHING DATA IN A MOBILE APPLICATION	USA
62/029666	28-Jul-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA REQUESTS	USA
62/037271	14-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A REQUEST PROCESSING ARCHITECTURE	USA
62/041322	25-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS	USA
62/041324	25-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR GENERATING OFFERS	USA
62/041326	25-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING COMMANDS	USA
62/041330	25-Aug-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING IDENTITY VALIDATION	USA
62/045143	03-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING AUTOMATED LIFECYCLE MANAGEMENT	USA
62/044528	02-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING CERTIFICATE PINNING	USA
62/045159	03-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING APPLLET INTEGRATION	USA
62/047797	09-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS	USA
62/051538	17-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING MULTITUDE DEVICES	USA
62/051553	17-Sep-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DISTRIBUTED DATA	USA
62/060220	06-Oct-2014			SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR ROUTING APPLICATION COMMUNICATIONS	USA

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
62/060226	06-Oct-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING HOST SYSTEM TRANSACTIONS	USA
62/069517	28-Oct-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS COMMUNICATIONS	USA
62/081328	18-Nov-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IDENTIFYING APPLICATIONS	USA
62/081339	18-Nov-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS COMMUNICATION DATA	USA
62/084349	25-Nov-2014			SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURELY ACCESSING SECURE ELEMENTS	USA
29/472776	15-Nov-2013			SCREEN OR PORTION THEREOF WITH AN DISPLAY ANIMATED GRAPHICAL USER INTERFACE	USA
156649	15-May-2014			SCREEN OR PORTION THEREOF WITH AN DISPLAY ANIMATED GRAPHICAL USER INTERFACE	Canada
201430133698.5	15-May-2014	ZL201430133698.5	05-Nov-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	China
002463406	13-May-2014	002463406-0001	13-May-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	EP
1400906.8	15-May-2014	1400906.8	15-May-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Hong Kong
30-2014-0024069	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Republic of Korea
MX/1/2014/001489	14-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Mexico
29/481320	04-Feb-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	USA
156817	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Canada
201430133374.1	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	China
002464776	15-May-2014	002464776	15-May-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	EP
1400907.0	15-May-2014	1400907.0	15-May-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Hong Kong
30-2014-0024070	15-May-2014	30-0768676	27-Oct-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Republic of Korea
MX/1/2014/001512	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Mexico
29/480642	28-Jan-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	USA
156714	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Canada

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Appln No.	Appln Date	Reg No.	Reg Date	Title	Country
201430133455.1	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	China
002464776	15-May-2014	002464776	15-May-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	EP
1400908.2	15-May-2014	1400908.2	15-May-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Hong Kong
30-2014-0024071	15-May-2014	30-0772857	19-Nov-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Republic of Korea
MX/f/2014/001514	15-May-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Mexico
29/494668	23-Jun-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	USA
157359	23-Jun-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Canada
201430196119.1	23-Jun-2014	ZL201430196119.1	24-Dec-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	China
002488163	23-Jun-2014	002488163	23-Jun-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	EP
1401164.3M	23-Jun-2014	1401164.3M	23-Jun-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Hong Kong
30-2014-0030816	23-Jun-2014	30-0778227	24-Dec-2014	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Republic of Korea
MX/f/2014/001911	23-Jun-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	Mexico
29/496608	15-Jul-2014			DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE	USA