

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4142065

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|---|--------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| EBAY INC. | 07/17/2015 |
| RECEIVING PARTY DATA | |
| Name: | PAYPAL, INC. |
| Street Address: | 2211 NORTH FIRST STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95131 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14963167 |
| CORRESPONDENCE DATA | |
| Fax Number: | (214)200-0853 |
| <i>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.</i> | |
| Phone: | (949)202-3071 |
| Email: | gina.sohn@haynesboone.com |
| Correspondent Name: | HAYNES AND BOONE, LLP |
| Address Line 1: | 2323 VICTORY AVENUE, SUITE 700 |
| Address Line 4: | DALLAS, TEXAS 75219 |
| ATTORNEY DOCKET NUMBER: | 70481.787US02 (P1422US2) |
| NAME OF SUBMITTER: | TOM CHEN |
| SIGNATURE: | /Tom Chen/ |
| DATE SIGNED: | 11/14/2016 |
| Total Attachments: 9 | |
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EXHIBIT A
FORM OF RECORDABLE PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, eBay Inc., a Delaware corporation ("Assignor") hereby irrevocably assigns, transfers, conveys and delivers to PayPal, Inc., a Delaware corporation ("Assignee") all of Assignor's right, title and interest in and to the following: (a) the patents and patent applications listed in Exhibit A hereto, all patents that issue from such patent applications, and any counterparts, divisional, substitution, continuation, continuation-in-part, reissue, reexamination, extension, renewal or registrations of such patents, and any and all foreign counterparts thereof (including but not limited to all inventors certificates, utility models, invention registrations, or any other industrial property rights however denominated, as well as any foreign or U.S. intellectual property rights which claim priority to or claim priority from any of the foregoing) (collectively, the "Patents"); (b) all rights, privileges and protections of any kind whatsoever of Assignor accruing under any of the Patents provided under the applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world, including, but not limited to, the right to file foreign patent applications; (c) all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; (d) any and all claims and causes of action, with respect to any of the Patents, whether accruing before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement with the right but not the obligation to petition or sue for, or otherwise seek, such legal and equitable relief and to collect, or otherwise recover, any such damages; and (e) the right to assign the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit, and for the benefit of its successors, assigns, and legal representatives.

(The remainder of this page is intentionally left blank. The signature pages follow.)

IN WITNESS WHEREOF, Assignor caused this Patent Assignment to be duly executed on its behalf.

ASSIGNOR:

eBay Inc.

By: [Signature]

Its: S.V.P., GENERAL COUNSEL

Date: JULY 17, 2015

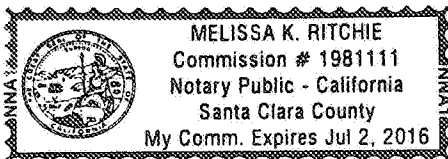
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA) ss.

COUNTY OF SANTA CLARA)

Before me, the undersigned authority, on this 17th day of July, 2015, personally appeared Michael Jacobson known to me as the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed, in the capacity state, and with authority to act in this assignment on behalf of the Assignor.

Notary Public



[Signature]
(Signature of Notary)

Melissa K Ritchie
(Legibly Print or Stamp Name of Notary)

ACCEPTED BY:

ASSIGNEE:

PayPal, Inc

By: [Signature]

Its: VP, Deputy General Counsel & Asst. Sec'y

Date: July 17 2015

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA) ss.
COUNTY OF SANTA CLARA)

Before me, the undersigned authority, on this _____ day of _____, 201__, personally appeared _____ known to me as the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed, in the capacity state, and with authority to act in this assignment on behalf of the Assignee.

SEE ATTACHED FORM

Notary Public

(Signature of Notary)

(Legibly Print or Stamp Name of Notary)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

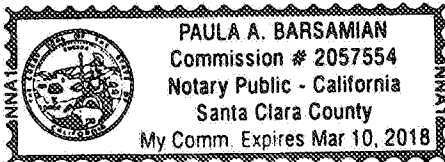
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Santa Clara)
On July 17, 2015 before me, Paula A. Barsamian, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Russell Elmer
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Paula A. Barsamian
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Document Date:
Number of Pages: Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name:
Corporate Officer -- Title(s):
Partner -- Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other:
Signer Is Representing:

Signer's Name:
Corporate Officer -- Title(s):
Partner -- Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other:
Signer Is Representing:

| APPLICATION NUMBER | TITLE | STATUS | DATE FILED | PATENT NUMBER | GRANT DATE |
|--------------------|--|---------|--------------|---------------|-------------|
| 13664995 | SELECTION AND ORGANIZATION BASED ON SELECTION OF X-Y POSITION | Pending | Oct 31, 2012 | | |
| 13669544 | ONLINE PURCHASING SYSTEM SUPPORTING SELLERS WITH AFFORDABILITY SCREENING | Pending | Nov 6, 2012 | | |
| 13673266 | QUERY DIVERSITY FROM DEMAND BASED CATEGORY DISTANCE | Pending | Nov 9, 2012 | | |
| 13673628 | CUSTOMIZED VCARDS | Pending | Nov 9, 2012 | | |
| 13673682 | SYSTEMS AND METHODS FOR SECURE AUTHENTICATION USING A WATERMARK | Pending | Nov 9, 2012 | | |
| 13673780 | CREDIT CARD FRAUD DETECTION | Pending | Nov 9, 2012 | | |
| 13674003 | SYSTEMS AND METHODS FOR ANALYZING AND REPORTING GEOFENCE PERFORMANCE METRICS | Pending | Nov 10, 2012 | | |
| 13676206 | AUTOMATIC ADJUSTMENT OF FONT ON A VISUAL DISPLAY | Pending | Nov 14, 2012 | | |
| 13677163 | METHODS AND SYSTEMS FOR APPLICATION CONTROLLED PRE-FETCH | Issued | Nov 14, 2012 | 8930632 | Jan 6, 2015 |
| 13678420 | SOCIAL MEDIA AND TRANSACTION DISPLAY SYSTEM | Pending | Nov 15, 2012 | | |
| 13679214 | TRIP PLANNING AND BUDGETING | Pending | Nov 16, 2012 | | |
| 13679632 | CONFIGURING A SERVICE BASED ON MANIPULATIONS OF GRAPHICAL REPRESENTATIONS OF ABSTRACTIONS OF RESOURCES | Pending | Nov 16, 2012 | | |
| 13679788 | CONVERTED CURRENCY DISPLAY | Pending | Nov 16, 2012 | | |
| 13681187 | SYSTEM AND METHOD FOR INTERACTIVE AND SOCIAL SHOPPING | Pending | Nov 19, 2012 | | |
| 13682055 | ONLINE FRAUD PREVENTION USING GENETIC ALGORITHM SOLUTION | Issued | Nov 20, 2012 | 8930268 | Jan 6, 2015 |
| 13683200 | METHOD AND SYSTEM TO ENHANCE PRESENTATION OF A SHARED RESOURCE | Pending | Nov 21, 2012 | | |
| 13685453 | METHOD AND SYSTEM TO PROCESS A DATA SEARCH REQUEST | Pending | Nov 26, 2012 | | |
| 13686292 | AUGMENTED REALITY FOR SHIPPING | Pending | Nov 27, 2012 | | |
| 13687980 | VIRTUAL CONTACT CARDS | Pending | Nov 28, 2012 | | |
| 13689054 | NOMINATION OF A PRIMARY CELL PHONE FROM A POOL OF CELL PHONES | Pending | Nov 29, 2012 | | |

| APPLICATION NUMBER | TITLE | STATUS | DATE FILED | PATENT NUMBER | GRANT DATE |
|--------------------|--|---------|--------------|---------------|--------------|
| 13689432 | PORTABLE MECHANICAL SWITCH FOR SELECTIVE DEACTIVATION OF RADIO FREQUENCY IDENTIFICATION CIRCUITS | Allowed | Nov 29, 2012 | | |
| 13691454 | AUCTION WITH INTEREST RATE BIDDING | Pending | Nov 30, 2012 | | |
| 13693126 | IN-STORE PRODUCT DETECTION SYSTEM | Pending | Dec 4, 2012 | | |
| 13706083 | HYBRID ACCOUNT | Issued | Dec 5, 2012 | 8589287 | Nov 19, 2013 |
| 13706197 | SYSTEM AND METHODS TO FULFILL AN AGGREGATED ONLINE ORDER FOR RELATED USERS | Pending | Dec 5, 2012 | | |
| 13706678 | USER IDENTIFICATION AND PERSONALIZATION BASED ON AUTOMOTIVE IDENTIFIERS | Pending | Dec 6, 2012 | | |
| 13707732 | METHOD AND APPARATUS FOR REPURCHASING ITEMS | Pending | Dec 7, 2012 | | |
| 13711287 | SPELL CHECK USING COLUMN CURSOR | Allowed | Dec 11, 2012 | | |
| 13711365 | SHIPPING ADDRESS DETERMINATION BASED ON DEVICE LOCATION | Pending | Dec 11, 2012 | | |
| 13713219 | SMART PHONE LOGIN USING QR CODE | Pending | Dec 13, 2012 | | |
| 13713280 | SHARED POOLS FOR COMMON TRANSACTIONS | Pending | Dec 13, 2012 | | |
| 13713986 | DIGITAL WALLET LOADING | Issued | Dec 13, 2012 | 9015066 | Apr 21, 2015 |
| 13714102 | REDEMPTION OF GIFT CARDS | Pending | Dec 13, 2012 | | |
| 13714268 | REAL-TIME USER FEEDBACK | Pending | Dec 13, 2012 | | |
| 13717097 | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INTERNET WEB PAGE | Pending | Dec 17, 2012 | | |
| 13717665 | METHOD AND SYSTEM FOR USER SIGNUP BY A NETWORK SERVICE PROVIDER | Issued | Dec 17, 2012 | 8626648 | Jan 7, 2014 |
| 13719747 | METHOD AND SYSTEM FOR TARGETED COMMERCE IN NETWORK BROADCASTING | Issued | Dec 19, 2012 | 8863175 | Oct 14, 2014 |
| 13720584 | SHARED MOBILE PAYMENTS | Allowed | Dec 19, 2012 | | |
| 13722580 | SLIDE CHECKOUT | Pending | Dec 20, 2012 | | |
| 13722818 | PERSONALIZED CLOTHING RECOMMENDATION SYSTEM AND METHOD | Pending | Dec 20, 2012 | | |
| 13723331 | METHOD AND APPARATUS FOR USING SENSORS ON A PORTABLE ELECTRONIC DEVICE TO VERIFY TRANSACTIONS | Issued | Dec 21, 2012 | 8978111 | Mar 10, 2015 |
| 13724366 | SYSTEM AND METHOD FOR GRAPH PATTERN ANALYSIS | Pending | Dec 21, 2012 | | |

| APPLICATION NUMBER | TITLE | STATUS | DATE FILED | PATENT NUMBER | GRANT DATE |
|--------------------|---|---------|--------------|---------------|--------------|
| 13724409 | SYSTEMS AND METHODS FOR DETERMINING A STRENGTH OF A CREATED CREDENTIAL | Pending | Dec 21, 2012 | | |
| 13724979 | CONTEXTUAL BREADCRUMBS DURING NAVIGATION | Pending | Dec 21, 2012 | | |
| 13725275 | METHOD AND SYSTEM TO PROVIDE SMART TAGGING OF SEARCH INPUT | Pending | Dec 21, 2012 | | |
| 13725307 | LOCAL PRODUCT COMPARISON SYSTEM | Pending | Dec 21, 2012 | | |
| 13725492 | INSTANT DISPOSABLE PAYMENT CARD | Pending | Dec 21, 2012 | | |
| 13725764 | METHOD AND SYSTEM TO PROVIDE INLINE SAVED SEARCHES | Pending | Dec 21, 2012 | | |
| 13725889 | DORMANT SHIPPING LABEL | Pending | Dec 21, 2012 | | |
| 13726735 | CONNECTION SYSTEM | Pending | Dec 26, 2012 | | |
| 13727309 | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INFORMATION DISPLAY | Issued | Dec 26, 2012 | 8621001 | Dec 31, 2013 |
| 13728836 | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INFORMATION DISPLAY | Issued | Dec 27, 2012 | 8676886 | Mar 18, 2014 |
| 13728926 | AUTOMATIC PIN CREATION USING PASSWORD | Issued | Dec 27, 2012 | 9009802 | Apr 14, 2015 |
| 13729810 | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INTERNET WEB PAGE | Pending | Dec 28, 2012 | | |
| 13730399 | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INFORMATION DISPLAY | Issued | Dec 28, 2012 | 8621002 | Dec 31, 2013 |
| 13730435 | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INTERNET WEB PAGE | Pending | Dec 28, 2012 | | |
| 13730448 | ELECTRONIC COUPON MANAGEMENT | Pending | Dec 28, 2012 | | |
| 13731626 | STREAMLINED TRAVEL PAYMENTS | Pending | Dec 31, 2012 | | |
| 13735633 | RENDER ENGINE, AND METHOD OF USING THE SAME, TO VERIFY DATA FOR ACCESS AND/OR PUBLICATION VIA A COMPUTER SYSTEM | Issued | Jan 7, 2013 | 8732826 | May 20, 2014 |
| 13737515 | SYSTEMS AND METHODS FOR FLEXIBLE MERCHANT PRICING | Pending | Jan 9, 2013 | | |
| 13746184 | SYSTEM AND METHOD FOR COMMUNITY BASED CUSTOMIZATION FOR A USER EXPERIENCE | Pending | Jan 21, 2013 | | |
| 13754064 | TRIGGERING IN-APPLICATION CURRENCY TRANSFER | Pending | Jan 30, 2013 | | |
| 13754618 | DAISY CHAIN DISTRIBUTION IN DATA CENTERS | Allowed | Jan 30, 2013 | | |

| APPLICATION NUMBER | TITLE | STATUS | DATE FILED | PATENT NUMBER | GRANT DATE |
|--------------------|--|---------|--------------|---------------|--------------|
| 13755262 | Environment and methods for enabling electronic transactions | Pending | Jan 31, 2013 | | |
| 13755262 | SYSTEM AND METHOD OF DISPLAYING TARGETED/PERSONALIZED ADS OR MESSAGES | Pending | Jan 31, 2013 | | |
| 13755595 | AUTOMATICALLY EMAILING RECEIPT AT POS | Allowed | Feb 1, 2013 | | |
| 13757314 | ADDING CARD TO MOBILE WALLET USING NFC | Pending | Feb 1, 2013 | | |
| 13757408 | SYSTEM AND METHODS TO CONFIGURE A QUERY LANGUAGE USING AN OPERATOR DICTIONARY | Allowed | Feb 5, 2013 | | |
| 13759786 | USING CREDIT CARD/BANK RAILS TO ACCESS A USER'S ACCOUNT AT A POS | Pending | Feb 8, 2013 | | |
| 13763476 | NFC CARD VERIFICATION | Pending | Feb 13, 2013 | | |
| 13766212 | LOGIN USING QR CODE | Issued | Feb 15, 2013 | 8935777 | Jan 13, 2015 |
| 13768336 | PAYMENTS USING A RECIPIENT PHOTOGRAPH | Pending | Feb 15, 2013 | | |
| 13768485 | PERSON-TO-PERSON PAYMENTS: CONTEXTUAL SPENDING | Issued | Feb 15, 2013 | 8655780 | Feb 18, 2014 |
| 13768981 | MULTI-PLATFORM IN-APPLICATION PAYMENT SYSTEM | Pending | Feb 20, 2013 | | |
| 13772108 | CUSTOMIZED USER EXPERIENCES | Pending | Feb 22, 2013 | | |
| 13774736 | INFORMATION PROVISION THROUGH TEMPORARY SOCIAL NETWORKS | Pending | Feb 28, 2013 | | |
| 13781531 | MOBILE ANTI-PHISHING | Issued | Mar 1, 2013 | 8656459 | Feb 18, 2014 |
| 13782715 | METHODS AND APPARATUS FOR FUNDING TRANSACTIONS USING DEBIT CARDS ISSUED BY ONE INSTITUTION AND FUNDS FROM ACCOUNTS AT OTHER INSTITUTIONS | Issued | Mar 4, 2013 | 8666889 | Mar 4, 2014 |
| 13782919 | SOCIAL MEDIA MARKETPLACE | Pending | Mar 5, 2013 | | |
| 13785936 | TRAVEL PATTERN ANALYSIS | Pending | Mar 7, 2013 | | |
| 13788527 | SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS PROVIDING DESIGNATION OF MONEY WITH AN ACCOUNT | Pending | Mar 7, 2013 | | |
| 13788685 | INFERRED BUDGET | Pending | Mar 8, 2013 | | |
| 13790523 | CONCEALED PURCHASE HISTORY | Pending | Mar 8, 2013 | | |
| 13790691 | MOBILE DEVICE DISPLAY CONTENT BASED ON SHAKING THE DEVICE | Pending | Mar 8, 2013 | | |

| APPLICATION NUMBER | TITLE | STATUS | DATE FILED | PATENT NUMBER | GRANT DATE |
|--------------------|--|---------|--------------|---------------|--------------|
| 13794025 | TRUSTED SERVICE MANAGER (TSM) ARCHITECTURES AND METHODS SYSTEM AND METHOD FOR RETRIEVING AND NORMALIZING | Pending | Mar 11, 2013 | | |
| 13794055 | PRODUCT INFORMATION | Issued | Mar 11, 2013 | 8768937 | Jul 1, 2014 |
| 13794062 | FRAUD DETECTION BASED ON AGE OF CONTACT INFORMATION | Pending | Mar 11, 2013 | | |
| 13794168 | ONE-CLICK SHIPPING LABEL PRINTING | Pending | Mar 11, 2013 | | |
| 13796982 | PURCHASE TRIGGERING | Pending | Mar 12, 2013 | | |
| 13797619 | SIMPLIFIED ORDERS USING WORDS OR PHRASES | Issued | Mar 12, 2013 | 8700483 | Apr 15, 2014 |
| 13800733 | SYSTEMS AND METHODS FOR DETERMINING AN AUTHENTICATION ATTEMPT THRESHOLD | Pending | Mar 13, 2013 | | |
| 13804063 | USING AUGMENTED REALITY TO DETERMINE INFORMATION | Pending | Mar 14, 2013 | | |
| 13804664 | METHOD AND SYSTEM TO BUILD A TIME-SENSITIVE PROFILE | Pending | Mar 14, 2013 | | |
| 13826570 | SYSTEM AND METHODS FOR SECURE ENTRY OF A PERSONAL IDENTIFICATION NUMBER (PIN) | Pending | Mar 14, 2013 | | |
| 13828620 | ONLINE INCENTIVE MANAGEMENT | Pending | Mar 14, 2013 | | |
| 13829930 | PRICE NEGOTIATION FROM USER DEVICE | Pending | Mar 14, 2013 | | |
| 13834884 | SYSTEM AND METHODS FOR CONNECTIVITY CORRECTION | Pending | Mar 15, 2013 | | |
| 13840777 | CROWD SOURCING AND MACHINE LEARNING BASED SIZE MAPPER | Pending | Mar 15, 2013 | | |
| 13841528 | USER INTERFACE OVERLAY APPLICATION | Pending | Mar 15, 2013 | | |

PATENT

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RECORDED: 11/14/2016