

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3920795

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EBAY INC.	07/17/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PAYPAL, INC.
<b>Street Address:</b>	2211 N 1ST ST
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15183904
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)339-3061
<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>	
<b>Phone:</b>	6123736900
<b>Email:</b>	slw@blackhillsip.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A. / PA
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	4411.705US3
<b>NAME OF SUBMITTER:</b>	JENNIFER TINTOR
<b>SIGNATURE:</b>	/Jennifer Tintor/
<b>DATE SIGNED:</b>	06/16/2016
<b>Total Attachments: 9</b>	
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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

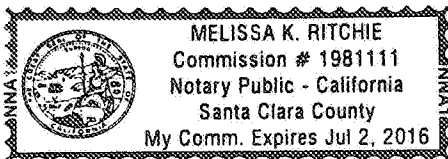
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA ) ss.

COUNTY OF SANTA CLARA )

Before me, the undersigned authority, on this 17<sup>th</sup> 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**

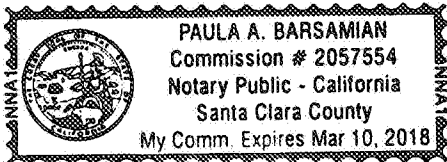
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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
14133415	METHOD AND TOOL FOR TECHNOLOGIST ONBOARDING AND PROFESSIONAL DEVELOPMENT	Pending	Dec 18, 2013		
14133425	SYSTEMS AND METHODS FOR SECURE PASSWORD ENTRY	Pending	Dec 18, 2013		
14136195	SYSTEMS AND METHODS FOR CROWD CONGESTION REDUCTION AT VENUE LOCATIONS USING BEACONS	Pending	Dec 20, 2013		
14137642	BEACON CONTENT PROPAGATION	Pending	Dec 20, 2013		
14137753	METHOD AND SYSTEM FOR USER-DESIGNED APPLICATION DEPLOYMENT	Pending	Dec 20, 2013		
14137793	CAPTURING IMAGES FOR FINANCIAL TRANSACTIONS	Pending	Dec 20, 2013		
14137952	LOCATION-BASED MESSAGES	Pending	Dec 20, 2013		
14138018	ARRANGING SAFE AND CONVENIENT TRANSACTIONS	Pending	Dec 21, 2013		
14138050	SYSTEMS AND METHODS FOR CLOUD DATA LOSS PREVENTION INTEGRATION	Pending	Dec 21, 2013		
14138539	SYSTEMS AND METHODS FOR TARGETED ASSISTANCE ON USER CHECK-IN	Pending	Dec 23, 2013		
14138676	SYSTEMS AND METHODS FOR TRANSPORTATION CHECK-IN AND PAYMENT USING BEACONS	Pending	Dec 23, 2013		
14141093	SYSTEMS AND METHODS FOR MULTIPLE SERVICE CHECK-IN THROUGH A SINGLE SERVICE CENTER CHECK-IN	Pending	Dec 26, 2013		
14141305	FACILITATING PURCHASES USING PERIPHERAL DEVICES	Pending	Dec 26, 2013		
14141362	SYSTEMS AND METHODS FOR AUGMENTED REALITY PAYMENTS	Pending	Dec 26, 2013		
14143185	SYSTEMS AND METHODS FOR DETECTING ANOMALIES	Pending	Dec 30, 2013		
14143247	AUTOCOMLETE-BASED ADVERTISEMENTS	Pending	Dec 30, 2013		
14143286	SYSTEM AND METHOD FOR ENHANCING OEM PARTS SHOPPING	Pending	Dec 30, 2013		
14146531	PROXIED PUSH NOTIFICATIONS BASED ON USER INTERACTION	Pending	Jan 2, 2014		
14146854	SECURE TRANSACTIONS USING A POINT OF SALE DEVICE	Pending	Jan 3, 2014		
14147358	SYSTEMS AND METHODS FOR PERSONALIZED IMAGES FOR AN ITEM OFFERED TO A USER	Pending	Jan 3, 2014		
14148473	SYSTEMS AND METHODS FOR REDEEMING DISCOUNTS	Pending	Jan 6, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14150660	AUTOMATED MOBILE DEVICE CONFIGURATION FOR REMOTE CONTROL OF ELECTRONIC DEVICES	Pending	Jan 8, 2014		
14151676	COMPUTERIZED SYSTEM FOR FACILITATING TRANSACTIONS BETWEEN PARTIES OVER A NETWORK	Abandoned	Jan 9, 2014		
14152508	SPURIOUS INPUT DETECTION SYSTEM	Published	Jan 10, 2014		
14153959	DETECTING A SUSPICIOUS TRANSACTION WITHIN A NETWORK-BASED FACILITY (as amended)	Pending	Jan 13, 2014		
14154414	SYSTEMS AND METHODS FOR COMPLETION OF ITEM DELIVERY AND TRANSACTIONS USING A MOBILE BEACON	Pending	Jan 14, 2014		
14159272	DETERMINING A COMMUNITY RATING FOR A USER USING FEEDBACK RATINGS OF RELATED USERS IN AN ELECTRONIC ENVIRONMENT	Pending	Jan 20, 2014		
14160281	SYSTEMS AND METHODS FOR PRICING ANALYSIS	Pending	Jan 21, 2014		
14160456	EXPIRING BALANCE FOR SPENDING OR PASSING ALONG TO A FRIEND SYSTEMS AND METHODS FOR FACILITATING TRANSACTIONS USING	Pending	Jan 21, 2014		
14164051	PATTERN RECOGNITION	Pending	Jan 24, 2014		
14169312	PRODUCT INFORMATION SYSTEM	Pending	Jan 31, 2014		
14169704	SYSTEMS AND METHODS FOR FACILITATING EFFICIENT SHOPPING METHODS AND APPARATUS FOR FUNDING TRANSACTIONS USING DEBIT CARDS ISSUED BY ONE INSTITUTION AND FUNDS FROM ACCOUNTS AT OTHER INSTITUTIONS	Pending	Jan 31, 2014		
14171192	MICROFINANCE FUNDS AGGREGATION FOR A RETAIL INVESTOR	Pending	Feb 3, 2014		
14171565	METHOD AND SYSTEM FOR INTERFACE DATA UTILIZATION	Pending	Feb 3, 2014		
14175115	SERVER AND/OR CLIENT DEVICE AUTHENTICATION	Pending	Feb 7, 2014		
14176943	VERIFICATION OF A PERSON IDENTIFIER RECEIVED ONLINE	Pending	Feb 10, 2014		
14178111	CUSTOMER SHOPPING HELP SYSTEM	Pending	Feb 11, 2014		
14178125	CUSTOMER SHOPPING HELP SYSTEM	Pending	Feb 11, 2014		
14178716	APPLICATIONS LOGIN USING A MECHANISM RELATING SUB-TOKENS TO THE QUALITY OF A MASTER TOKEN	Allowed	Feb 12, 2014		



APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14179514	SYSTEMS AND METHODS FOR FACILITATING CALL REQUEST AGGREGATION OVER A NETWORK	Pending	Feb 12, 2014		
14180148	METHOD, MEDIUM, AND SYSTEM FOR MANAGING RECOMMENDATIONS IN AN ONLINE MARKETPLACE	Pending	Feb 13, 2014		
14180649	METHODS AND APPARATUS FOR GENERATING A DATA DICTIONARY	Pending	Feb 14, 2014		
14181138	INFORMATION FEED IN-LINE PURCHASING SYSTEM	Pending	Feb 14, 2014		
14181385	INFORMATION FEED IN-LINE PURCHASING SYSTEM	Pending	Feb 14, 2014		
14182233	PERSON-TO-PERSON PAYMENTS: CONTEXTUAL SPENDING	Pending	Feb 17, 2014		
14188329	SYSTEMS AND METHODS FOR CONTEXT BASED AND SOCIALLY AWARE CALL ROUTING	Pending	Feb 24, 2014		
14188620	SYSTEM AND METHODS FOR THIRD-PARTY ACCESS TO A NETWORK-BASED SYSTEM FOR PROVIDING LOCATION-BASED UPCOMING EVENT INFORMATION	Pending	Feb 24, 2014		
14189073	GROUP CHECK IN	Pending	Feb 25, 2014		
14189333	SYSTEMS AND METHODS FOR AUTOMATIC PRODUCT INFORMATION AT A MERCHANT LOCATION	Pending	Feb 25, 2014		
14189413	SYSTEMS AND METHODS FOR IMPLEMENTING MERCHANT WORKING CAPITAL	Pending	Feb 25, 2014		
14189640	SYSTEMS AND METHODS FOR REMOTE CHECK-IN	Pending	Feb 25, 2014		
14190783	ADDING ON-THE-FLY COMMENTS TO CODE	Pending	Feb 26, 2014		
14191290	MERCHANT ACTION RECOMMENDATION SYSTEM	Pending	Feb 26, 2014		
14191302	MERCHANT ACTION RECOMMENDATION SYSTEM	Pending	Feb 26, 2014		
14191361	RECOVERY OF DECLINED TRANSACTIONS	Pending	Feb 26, 2014		
14192190	SOCIAL WALLET	Pending	Feb 27, 2014		
14192462	SYSTEMS AND METHODS FOR CUSTOMER MOVEMENT TRACKING ANALYTICS	Pending	Feb 27, 2014		
14192608	MANAGING DUPLICATION OF CONTENT ITEMS ACROSS MULTIPLE CONTENT ITEM LISTS	Pending	Feb 27, 2014		
14192764	SMART DRESSING ROOMS	Pending	Feb 27, 2014		
14192818	ONE-PAGE CHECKOUT	Pending	Feb 27, 2014		
14194271	CUSTOMER CHECK-IN DISPLAY DURING A TRANSACTION	Pending	Feb 28, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14194360	ELECTRONIC WALLET FUND TRANSFER SYSTEM	Pending	Feb 28, 2014		
14194578	TOUCHLESS SIGNATURE	Pending	Feb 28, 2014		
14194595	LOCATION-BASED SECURE WAVE	Pending	Feb 28, 2014		
14195595	PROXIMITY-BASED VISUAL NOTIFICATIONS	Pending	Mar 3, 2014		
14195641	SYSTEMS AND METHODS FOR MOBILE DEVICE FINANCING	Pending	Mar 3, 2014		
14198469	USER ALERTS FOR MONITORED TRANSACTIONS AT AUTOMATIC TELLER MACHINES	Pending	Mar 5, 2014		
14200559	INTERACTIVE VOICE RESPONSE INTERFACE FOR WEBPAGE NAVIGATION	Pending	Mar 7, 2014		
14201000	SEAMLESS PAGINATION	Pending	Mar 7, 2014		
14203155	SYSTEMS AND METHODS FOR DEVICE PROMOTIONS BASED ON USER ACCOUNT COMMUNITY ACTIVITY	Pending	Mar 10, 2014		
14206837	CUSTOMER SELECTION DETERMINATION SYSTEM	Pending	Mar 12, 2014		
14207401	METHOD AND SYSTEM TO PROCESS CREDIT CARD PAYMENT TRANSACTIONS INITIATED BY A MERCHANT	Pending	Mar 12, 2014		
14208464	Dynamic Batching	Pending	Mar 13, 2014		
14209417	METHOD AND SYSTEM FOR USER SIGNUP BY A NETWORK SERVICE PROVIDER	Pending	Mar 13, 2014		
14223796	REPUTATION INTEGRATION INTO REMITTANCE DELIVERY	Pending	Mar 24, 2014		
14223858	INFORMATION REPOSITORY SEARCH SYSTEM	Pending	Mar 24, 2014		
14225132	SYSTEMS AND METHODS FOR IMPLEMENTING GROUP INCENTIVES SYSTEM AND METHOD FOR PROCESSING MESSAGES USING NATIVE DATA SERIALIZATION/DESERIALIZATION IN A SERVICE-ORIENTED PIPELINE ARCHITECTURE	Pending	Mar 25, 2014		
14227852	SYSTEMS AND METHODS TO DELIVER AN ITEM	Pending	Mar 27, 2014		
14227920	CLAIMING INCENTIVES ON NETWORKED TELEVISIONS	Pending	Mar 27, 2014		
14227949	EVENT START TIME ESTIMATION AND NOTIFICATION SYSTEM	Pending	Mar 27, 2014		
14228089	DETERMINING USE OF A DISPLAY CHARACTERISTIC	Pending	Mar 27, 2014		
14228177	ANONYMOUS CHECK-IN AT A MERCHANT LOCATION	Pending	Mar 27, 2014		
14229730	ITEM LOCATION ASSISTANT	Pending	Mar 28, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14229801	METHOD AND SYSTEM FOR FACILITATING PRODUCT SHOPPING	Pending	Mar 28, 2014		
14231193	SHARED DIGITAL WALLETS	Pending	Mar 31, 2014		
14231234	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Issued	Mar 31, 2014	8918505	Dec 23, 2014
14231268	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Pending	Mar 31, 2014		
14231359	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Pending	Mar 31, 2014		
14231483	DYNAMIC JUKEBOX	Pending	Mar 31, 2014		
14231490	METHOD AND SYSTEM TO PRE-FETCH DATA IN A NETWORK	Pending	Mar 31, 2014		
14231494	METHOD AND SYSTEM TO PRE-FETCH DATA IN A NETWORK	Pending	Mar 31, 2014		
14231504	METHOD AND SYSTEM TO PRE-FETCH DATA IN A NETWORK	Pending	Mar 31, 2014		
14231563	PERSON/GROUP CHECK-IN SYSTEM	Pending	Mar 31, 2014		
14231569	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Pending	Mar 31, 2014		
14231601	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Pending	Mar 31, 2014		
14236310	ACCCOUNT ACCESS AT POINT OF SALE	Pending	Apr 28, 2014		
14242505	SUMMARIZATION OF SHORT COMMENTS	Pending	Apr 1, 2014		
14244418	METHOD AND SYSTEM FOR TRACKING FRAUDULENT ACTIVITY	Pending	Apr 3, 2014		

PATENT

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RECORDED: 06/16/2016