

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5135909

<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 NORTH FIRST STREET	
<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>	16128371	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(435)252-1361	
<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>	435-252-1360	
<b>Email:</b>	jjohnson@mabr.com	
<b>Correspondent Name:</b>	RICHARD C. GILMORE	
<b>Address Line 1:</b>	1389 CENTER DRIVE, STE 300	
<b>Address Line 4:</b>	PARK CITY, UTAH 84098	
<b>ATTORNEY DOCKET NUMBER:</b>	P2395.10305US03	
<b>NAME OF SUBMITTER:</b>	RICHARD C. GILMORE	
<b>SIGNATURE:</b>	/RICHARD C. GILMORE/	
<b>DATE SIGNED:</b>	09/11/2018	
<b>Total Attachments: 9</b>		
source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page1.tif		
source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page2.tif		
source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page3.tif		
source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page4.tif		
source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page5.tif		
source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page6.tif		

source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page7.tif

source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page8.tif

source=P2395-10305US03-P1346US2-Assignment to PayPal Sep 11 2018#page9.tif

**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: \_\_\_\_\_

Its: S.V.P., GENERAL COUNSEL

Date: JULY 17, 2015

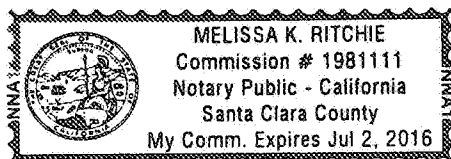
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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



Melissa K Ritchie  
(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**

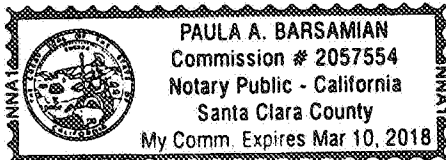
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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
13525966	DETECTION OF EVENTS FROM BURSTS OF ACTIVITY INDICATORS	Pending	Jun 18, 2012		
13528420	MULTIPLE SERVICE CLASSES IN A SHARED CLOUD	Pending	Jun 20, 2012		
13528604	SYSTEMS METHODS AND COMPUTER PROGRAM PRODUCTS FOR CACHING OF SHOPPING ITEMS	Pending	Jun 20, 2012		
13529905	METHOD AND SYSTEM FOR TARGETED BROADCAST ADVERTISING	Pending	Jun 21, 2012		
13529972	CASH RETRIEVAL USING PAYMENT PROVIDER	Pending	Jun 21, 2012		
13530537	INTERACTIVE TELEVISION SHOPPING VIA A PAYMENT PROVIDER	Pending	Jun 22, 2012		
13531080	PROVISIONING OF DEVICES	Pending	Jun 22, 2012		
13532456	ONLINE/OFFLINE PAYMENT SYSTEM	Pending	Jun 25, 2012		
13532486	DRIVING NEW USER ACQUISITION FROM PAYMENT TRANSACTIONS	Pending	Jun 25, 2012		
13533524	PROMOTION (E.G. COUPON GIFT CARD) REDEMPTION AFTER PURCHASE COMPLETION	Pending	Jun 26, 2012		
13533609	SYSTEM AND METHOD FOR CONDUCTING DELEGATED PAYMENTS	Pending	Jun 26, 2012		
13535189	PAYMENT VIA FINANCIAL SERVICE PROVIDER USING NETWORK-BASED DEVICE	Pending	Jun 27, 2012		
13535704	SYSTEMS AND METHODS FOR A MERCHANT TO ACCEPT TELEPHONE ORDERS AND PROCESS PAYMENTS	Pending	Jun 28, 2012		
13536908	SECURE PAYMENT MADE FROM A MOBILE DEVICE THROUGH A SERVICE PROVIDER	Allowed	Jun 28, 2012		
13537217	SYSTEMS METHODS AND COMPUTER PROGRAM PRODUCTS PROVIDING PUSH PAYMENTS	Pending	Jun 29, 2012		
13537362	SPENDING CAPABILITY SYSTEM	Pending	Jun 29, 2012		
13537560	SHOPPING ASSISTIVE DEVICE AND COMMERCE INFRASTRUCTURE	Pending	Jun 29, 2012		
13538081	LOCATION-BASED CREDIT PROVISION SYSTEM	Pending	Jun 29, 2012		
13538515	ANTICIPATORY PAYMENT AUTHORIZATION	Pending	Jun 29, 2012		
13538531	PAYMENT AUTHORIZATION SYSTEM	Pending	Jun 29, 2012		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13539388	REQUEST MONEY SOCIAL NETWORKING APPLICATIONS	Issued	Jun 30, 2012	8612351	Dec 17, 2013
13539809	SYSTEM AND METHOD FOR CLUSTERING OF MOBILE DEVICES AND APPLICATIONS	Pending	Jul 2, 2012		
13543073	SYSTEM AND METHOD FOR UTILIZING STUDENT ACCOUNTS	Pending	Jul 6, 2012		
13543245	METHOD AND SYSTEM TO FACILITATE A TRANSFER OF FUNDS BETWEEN PARTIES USING A TELEPHONE-ENABLED DEVICE	Pending	Jul 6, 2012		
13544510	SERVICE EFFICIENCY METRIC	Pending	Jul 9, 2012		
13546401	METHODS AND SYSTEMS FOR USING A CO-LOCATED GROUP AS AN AUTHORIZATION MECHANISM	Pending	Jul 11, 2012		
13546938	INSTANT AVAILABILITY OF ELECTRONICALLY TRANSFERRED FUNDS	Issued	Jul 11, 2012	8775306	Jul 8, 2014
13547893	RECOMMENDATIONS IN A COMPUTING ADVICE FACILITY	Issued	Jul 12, 2012	9009096	Apr 14, 2015
13549159	CREDITOR OFFERS FOR TAKING A USER DEBT	Pending	Jul 13, 2012		
13550044	ONLINE PURCHASING SYSTEM SUPPORTING LENDERS WITH AFFORDABILITY SCREENING	Issued	Jul 16, 2012	8504438	Aug 6, 2013
13551398	IDENTIFIER-BASED CHARGE ON DELIVERY TRANSACTION	Issued	Jul 17, 2012	8392275	Mar 5, 2013
13554407	MOBILE CHECK-IN	Pending	Jul 20, 2012		
13555928	METHODS AND SYSTEMS FOR PROVIDING A SAVINGS GOAL	Issued	Jul 23, 2012	8732076	May 20, 2014
13556679	RIGHT CLICK ELECTRONIC COMMERCE TRANSACTIONS	Pending	Jul 24, 2012		
13562141	SYSTEMS AND METHODS FOR MAKING PAYMENTS FROM SELECTED FUNDING SOURCES	Pending	Jul 30, 2012		
13564044	ELECTRONIC PAYMENT RESTRICTION	Pending	Aug 1, 2012		
13566919	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Issued	Aug 3, 2012	8793375	Jul 29, 2014
13567902	MULTI CURRENCY EXCHANGES BETWEEN PARTICIPANTS	Issued	Aug 6, 2012	8712913	Apr 29, 2014
13569883	METHOD AND APPARATUS FOR FACILITATING ONLINE PAYMENT TRANSACTIONS IN A NETWORK-BASED TRANSACTION FACILITY USING MULTIPLE PAYMENT INSTRUMENTS	Pending	Aug 8, 2012		
13569936	CROSS-BROWSER CROSS-MACHINE RECOVERABLE USER IDENTIFIERS	Issued	Aug 8, 2012	8977560	Mar 10, 2015
13570990	FAST TRANSACTIONS	Pending	Aug 9, 2012		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13571006	SYSTEM AND METHODS FOR FACILITATING ELECTRONIC PAYMENT SERVICE PROVIDER TRANSACTIONS USING PHYSICAL OBJECTS	Pending	Aug 9, 2012		
13586052	PAYMENT IN A CHAT SESSION	Pending	Aug 15, 2012		
13586763	PAYMENT MECHANISM INTEGRATION WIZARD	Pending	Aug 15, 2012		
13589752	METHODS AND APPARATUS FOR FUNDING TRANSACTIONS USING DEBIT CARDS ISSUED BY ONE INSTITUTION AND FUNDS FROM ACCOUNTS AT OTHER INSTITUTIONS	Issued	Aug 20, 2012	8392328	Mar 5, 2013
13590177	REFERRAL SYSTEM AND METHOD FOR SOURCING BUYER-REQUESTED ITEMS	Pending	Aug 20, 2012		
13590934	SYSTEM AND METHOD FOR MEAN ESTIMATION FOR A TORSO-HEAVY TAIL DISTRIBUTION	Pending	Aug 21, 2012		
13590960	DIGITAL WALLET BROADCASTING	Allowed	Aug 21, 2012		
13591763	ON DEMAND SELF CHECKOUT	Pending	Aug 22, 2012		
13592232	SYSTEMS AND METHODS FOR ONE-CLICK REGISTRY	Pending	Aug 22, 2012		
13592854	WISH LIST TRANSACTIONS THROUGH SMART TV	Pending	Aug 23, 2012		
13594472	METHOD AND APPARATUS FOR PROCESSING PAYMENT TRANSACTIONS FROM A CHAT APPLICATION INTEGRATED WITH A PAYMENT APPLICATION THAT LEVERAGES SOCIAL FEATURES FROM THE CHAT APPLICATION	Pending	Aug 24, 2012		
13595128	CODELESS QR CODE	Pending	Aug 27, 2012		
13596655	SYSTEMS AND METHODS FOR SHOPPING TREND ALERT	Pending	Aug 28, 2012		
1359783	SYSTEMS METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING AN ELECTRONIC RECEIPT	Pending	Aug 30, 2012		
13600937	DISTRIBUTED COMMERCE APPLICATION-WIDGET	Pending	Aug 31, 2012		
13601458	EXPANDED ICON FUNCTIONALITY	Pending	Aug 31, 2012		
13601474	VIRTUAL GIFT CARD	Pending	Aug 31, 2012		
13601768	FINANCIAL GOAL VISUALIZATION SYSTEM	Pending	Aug 31, 2012		
13603242	SECURE ELEMENTS BROKER (SEB) FOR APPLICATION COMMUNICATION CHANNEL SELECTOR OPTIMIZATION	Issued	Sep 4, 2012	8862767	Oct 14, 2014
13603594	ITEM TAGGING	Pending	Sep 5, 2012		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13604307	SYSTEMS AND METHODS FOR CREATING A USER CREDENTIAL AND AUTHENTICATION USING THE CREATED USER CREDENTIAL	Pending	Sep 5, 2012		
13604366	INFORMATION REPOSITORY SEARCH SYSTEM	Issued	Sep 5, 2012	8712996	Apr 29, 2014
13605886	SYSTEM AND METHODS FOR AUTHENTICATION USING LOW QUALITY AND HIGH QUALITY AUTHENTICATION INFORMATION	Pending	Sep 6, 2012		
13607380	DYNAMIC SECURE LOGIN AUTHENTICATION	Allowed	Sep 7, 2012		
13610082	VISUAL STATE COMPARATOR	Issued	Sep 11, 2012	8938683	Jan 20, 2015
13610211	SYSTEM AND METHOD FOR ENABLING REVENUE FROM ADVERTISERS TO PUBLISHERS IN AN AD NETWORK	Pending	Sep 11, 2012		
13613944	CONSUMER PROCESSING OF PAYMENTS FOR MERCHANTS	Pending	Sep 13, 2012		
13614429	SYSTEMS AND METHODS TO PROVIDE CHECK-IN BASED PAYMENT PROCESSES	Pending	Sep 13, 2012		
13614597	METHOD AND APPARATUS FOR TRANSFERRING THE STATE OF CONTENT USING SHORT CODES	Pending	Sep 13, 2012		
13615056	METHOD FOR TRANSMITTING A CODE	Issued	Sep 13, 2012	8600878	Dec 3, 2013
13616829	E-MAIL INVOKED ELECTRONIC COMMERCE	Pending	Sep 14, 2012		
13618994	FINANCIAL STRENGTH INDICATION	Pending	Sep 14, 2012		
13619270	CUSTOM CACHING	Issued	Sep 14, 2012	8996534	Mar 31, 2015
13620003	METHOD AND APPARATUS FOR SECURELY DISPLAYING AND COMMUNICATING TRUSTED AND UNTRUSTED INTERNET CONTENT	Pending	Sep 14, 2012		
13622851	SYSTEM AND METHODS FOR FACILITATING FUND TRANSFERS OVER A NETWORK	Pending	Sep 19, 2012		
13623482	SOCIAL PURCHASE SYSTEM	Pending	Sep 20, 2012		
13624682	AUGMENTED REALITY PRODUCT INSTRUCTIONS TUTORIALS AND VISUALIZATIONS	Pending	Sep 21, 2012		
13625536	INSTANTANEOUS MULTI-CAST FUNDING AT POINT OF SALE	Pending	Sep 24, 2012		
13626636	QUERY LANGUAGE TO TRAVERSE A PATH IN A GRAPH	Allowed	Sep 25, 2012		
13626802	VOICE PHONE-BASED METHOD AND SYSTEM TO AUTHENTICATE USERS	Issued	Sep 25, 2012	8976943	Mar 10, 2015

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13626819	METHOD AND SYSTEM FOR PROCESSING TRANSFER REQUESTS	Issued	Sep 25, 2012	8694426	Apr 8, 2014
13627353	MOBILE SELLER ANALYTICS	Pending	Sep 26, 2012		
13627964	SYSTEM AND METHOD FOR INSTANTANEOUS RETAIL PAYMENT	Pending	Sep 26, 2012		
13629266	SYSTEMS METHODS AND COMPUTER PROGRAM PRODUCTS PROVIDING ELECTRONIC COMMUNICATION DURING TRANSACTIONS	Pending	Sep 27, 2012		
13629299	PERSISTENT LOCATION TRACKING ON MOBILE DEVICES AND LOCATION PROFILING	Pending	Sep 27, 2012		
13630508	SYSTEMS AND METHODS FOR IN STORE WITH INSTANT CASH	Pending	Sep 28, 2012		
13630883	SYSTEMS METHODS AND COMPUTER PROGRAM PRODUCTS FOR DIGITAL IMAGE CAPTURE	Issued	Sep 28, 2012	8913147	Dec 16, 2014
13631347	SYSTEMS AND METHODS FOR FACILITATING FINANCIAL TRANSACTIONS OVER A NETWORK	Issued	Sep 28, 2012	8498908	Jul 30, 2013
13633106	DIFFERENTIAL CLIENT-SIDE ENCRYPTION OF INFORMATION ORIGINATING FROM A CLIENT	Issued	Oct 1, 2012	8631229	Jan 14, 2014
13633367	USE OF TICKET FOR PURCHASING	Pending	Oct 2, 2012		
13646283	SYSTEMS AND METHODS FOR MARKING CONTENT	Allowed	Oct 5, 2012		
13646396	DYNAMIC CONTENT FOR ONLINE TRANSACTIONS	Issued	Oct 5, 2012	8914474	Dec 16, 2014
13649841	POINT OF SALE (POS) PERSONAL IDENTIFICATION NUMBER (PIN) SECURITY	Issued	Oct 11, 2012	8819428	Aug 26, 2014
13651661	DETERMINING A COMMUNITY RATING FOR A USER USING FEEDBACK RATINGS OF RELATED USERS IN AN ELECTRONIC ENVIRONMENT	Issued	Oct 15, 2012	8635098	Jan 21, 2014
13651997	MANAGING DATA TRANSACTION REQUESTS	Issued	Oct 15, 2012	8738592	May 27, 2014
13657069	PERSISTENCE MECHANISM FOR FACILITATING ONLINE TRANSACTIONS	Pending	Oct 22, 2012		
13657716	SYSTEM AND METHOD FOR CASHBACK FUNDING	Pending	Oct 22, 2012		
13657735	SYSTEM AND METHOD FOR STORAGE AND RETRIEVAL OF INFORMATION SUBJECT TO AUTHORIZATION BY A DATA CONTROLLER	Allowed	Oct 22, 2012		
13663078	SOCIAL MOBILE SHOPPING SYSTEM	Issued	Oct 29, 2012	8972189	Mar 3, 2015

PATENT

RECORDED: 09/23/2018

REEL: 046846 FRAME: 0552