

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4645156

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:	15729467
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:	70481.1463US03	
NAME OF SUBMITTER:	TOM CHEN	
SIGNATURE:	/Tom Chen/	
DATE SIGNED:	10/17/2017	
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: _____

Its: S.V.P., GENERAL COUNSEL

Date: JULY 17, 2015

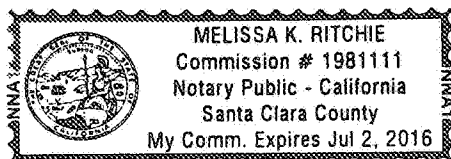
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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



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

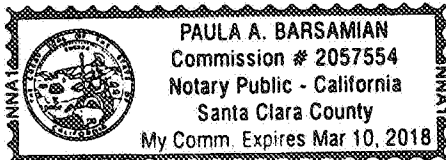
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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
14323448	LOCATION BASED SHOPPING LIST	Pending	Jul 3, 2014		
14323606	INSTANT AVAILABILITY OF ELECTRONICALLY TRANSFERRED FUNDS	Pending	Jul 3, 2014		
14323709	PAYMENT APPLICATION WITH MERCHANT PHYSICAL LOCATION PERSONALIZATION	Pending	Jul 3, 2014		
14323858	TRANSACTION DATA REPRESENTATIONS USING AN ADJACENCY MATRIX	Pending	Jul 3, 2014		
14324775	BILL/ITEM PAYMENT-FOR-ANOTHER	Pending	Jul 7, 2014		
14324998	SYSTEMS AND METHODS FOR FACILITATING FINANCIAL TRANSACTIONS OVER A NETWORK	Pending	Jul 7, 2014		
14325085	AUTHENTICATING ONLINE USERS WITH DISTORTED CHALLENGES BASED ON TRANSACTION HISTORIES	Pending	Jul 7, 2014		
14328428	METHODS FOR AUTOMATIC QUERY TRANSLATION	Pending	Jul 10, 2014		
14330405	USING CLOCK DRIFT, CLOCK SKEW, AND NETWORK LATENCY TO ENHANCE MACHINE IDENTIFICATION	Pending	Jul 14, 2014		
14331106	SHARED MOBILE PAYMENTS	Pending	Jul 14, 2014		
14331148	NETWORK UPDATES OF TIME AND LOCATION	Pending	Jul 14, 2014		
14334330	DRIVE THROUGH MONITORING USING WIRELESS BEACONS	Pending	Jul 17, 2014		
14335556	RFID PAYMENT SYSTEM	Pending	Jul 18, 2014		
14335640	SYSTEMS AND METHODS FOR CONTEXT BASED SCREEN DISPLAY	Pending	Jul 18, 2014		
14335729	SYSTEMS AND METHODS FOR PREFERRED PAYMENTS USING BEACONS	Pending	Jul 18, 2014		
14336590	SECURE CARDLESS CASH WITHDRAWAL	Pending	Jul 21, 2014		
14339380	TRAFFIC DRIVER FOR SUGGESTING STORES	Pending	Jul 23, 2014		
14340069	SMART LINE ROUTING USING WIRELESS BEACONS	Pending	Jul 24, 2014		
14371977	SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS PROVIDING PAYMENT IN COOPERATION WITH EMV CARD READERS	Pending	Jul 11, 2014		
14444869	METHOD AND SYSTEM FOR ENTERPRISE-WIDE MIGRATION	Pending	Jul 28, 2014		
14445754	SERVER SIDE DATA CACHE SYSTEM	Pending	Jul 29, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14446180	SYSTEMS AND METHODS TO IDENTIFY AND ASSOCIATE RELATED ITEMS	Pending	Jul 29, 2014		
14447725	SYSTEM AND METHOD FOR PROVIDING AN INSTANT STYLIST	Pending	Jul 31, 2014		
14447787	SERVER BASED COMMUNICATION BETWEEN SANDBOXED APPLICATIONS	Pending	Jul 31, 2014		
14449048	SYSTEMS AND METHODS FOR FACILITATING REAL ESTATE TRANSACTIONS USING BEACONS	Pending	Jul 31, 2014		
14449974	INTELLIGENT FUEL PURCHASING RECOMMENDATIONS	Pending	Aug 1, 2014		
14451244	UNIT TEST AUTOMATION FOR BUSINESS RULES AND APPLICATIONS	Pending	Aug 4, 2014		
14452482	SYSTEM AND METHOD FOR PROCESSING MESSAGES IN A SERVICE-ORIENTED PIPELINE ARCHITECTURE	Pending	Aug 5, 2014		
14453361	MERCHANT ITEM AND SERVICE RETURN PROCESSING USING WIRELESS BEACONS	Pending	Aug 6, 2014		
14453945	SYSTEM AND METHOD TO FACILITATE DIFFERENT ITEM VIEWING BASED ON PREFERRED STATUS	Pending	Aug 7, 2014		
14454032	SYSTEM AND METHOD TO PROVIDE ALTERED BENEFIT BASED ON PREFERRED STATUS	Pending	Aug 7, 2014		
14455130	POINT OF SALE (POS) PERSONAL IDENTIFICATION NUMBER (PIN) SECURITY	Pending	Aug 8, 2014		
14456615	HANDHELD DEVICE FOR ON-SITE DATACENTER MANAGEMENT	Pending	Aug 11, 2014		
14456890	PAYMENT TRANSACTIONS ON MOBILE DEVICE USING MOBILE CARRIER	Pending	Aug 11, 2014		
14457363	NEAR FIELD COMMUNICATION ACTIVATION AND AUTHORIZATION	Pending	Aug 12, 2014		
14459115	DATA MESH BASED ZERO EFFORT SHOPPING	Pending	Aug 13, 2014		
14459230	ON-SCREEN CODE STABILIZATION	Pending	Aug 13, 2014		
14460741	DELIVERY CONFIRMATION USING A WIRELESS BEACON	Pending	Aug 15, 2014		
14461181	METHOD AND SYSTEM FOR TARGETED COMMERCE IN NETWORK BROADCASTING	Allowed	Aug 15, 2014		
14461834	ACCESS CONTROL BASED ON AUTHENTICATION	Pending	Aug 18, 2014		
14465732	UNIFIED IDENTITY VERIFICATION	Pending	Aug 21, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14466801	ITEM-BASED SOCIAL DISCOVERY	Pending	Aug 22, 2014		
14466916	SUSPENDING AND RESUMING TRANSACTIONS THROUGH WIRELESS BEACON COMMUNICATIONS	Pending	Aug 22, 2014		
14467440	WIRELESS BEACONS FOR REPORTING OF APPLICATIONS IN THE FOREGROUND OF A USER DEVICE INTERFACE	Pending	Aug 25, 2014		
14468023	TRANSACTION FEE SURFACING SYSTEM	Pending	Aug 25, 2014		
14468229	SYSTEMS AND METHODS FOR MANAGING SHOPPING LISTS AND SHOPPING ROUTES	Pending	Aug 25, 2014		
14469444	DATA LIMIT AWARE CONTENT RENDERING	Pending	Aug 26, 2014		
14469489	ITEM LOCATION ASSISTANT WITH CUSTOM PRICE DISPLAY	Pending	Aug 26, 2014		
	SYSTEM AND METHOD FOR CREATING, MANAGING, AND REUSING SCHEMA TYPE DEFINITIONS IN SERVICES ORIENTED ARCHITECTURE SERVICES, GROUPED IN THE FORM OF LIBRARIES	Allowed	Aug 27, 2014		
14470522	SYSTEMS AND METHODS FOR MOBILE TRANSACTIONS	Pending	Aug 27, 2014		
14472052	SECURE AUTHENTICATION BETWEEN MULTIPLE PARTIES	Pending	Aug 28, 2014		
14473198	APPLICATION PROVISIONING SYSTEM	Pending	Aug 29, 2014		
14473411	FAVOR DETECTION AND REPAYMENT SYSTEM	Pending	Aug 29, 2014		
14473616	TRAVEL HEALTH MANAGEMENT SYSTEM	Pending	Aug 29, 2014		
14473809	IMAGE-BASED INDEXING IN A NETWORK-BASED MARKETPLACE	Pending	Aug 29, 2014		
14473934	MULTI-USER SEARCH OR RECOMMENDATION	Pending	Aug 29, 2014		
14473940	CATEGORY CONSTRAINED QUERIES	Pending	Aug 29, 2014		
14474119	LISTING GENERATION UTILIZING CATALOG INFORMATION	Pending	Aug 30, 2014		
14474621	OFFERS BASED ON PERSONAL METRICS	Pending	Sep 2, 2014		
14475412	OPTIMIZED MULTIPLE DIGITAL WALLET PRESENTATION	Pending	Sep 2, 2014		
14476247	PAYMENT AUTHORIZATION SYSTEM	Pending	Sep 3, 2014		
14477664	SYSTEMS AND METHODS FOR INCREMENTAL SOFTWARE DEVELOPMENT	Pending	Sep 4, 2014		
14477813	Method and System for Facilitating a Transaction	Pending	Sep 4, 2014		
14479135	SHOPPING CONTEXT ENGINE	Pending	Sep 5, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14479152	SYSTEMS AND METHODS FOR MANAGING LOYALTY REWARD PROGRAMS	Pending	Sep 5, 2014		
14479200	BLUETOOTH LOW ENERGY (BLE) PRE-CHECK IN	Pending	Sep 5, 2014		
14479230	METHODS AND SYSTEMS FOR DETERMINING ROUTING	Pending	Sep 5, 2014		
14479234	AUTOMATED SPLITTING OF COSTS INCURRED DURING A SHARED VEHICLE TRAVEL	Pending	Sep 5, 2014		
14480538	FEES AND FOREIGN CURRENCY EXCHANGE CALCULATION	Pending	Sep 8, 2014		
14481119	SYSTEMS AND METHODS FOR SHOPPING DETOUR DURING TRAFFIC CONGESTION	Pending	Sep 9, 2014		
14481586	AUTO-SCROLL ON IN-CONTEXT MODULES	Pending	Sep 9, 2014		
14483095	REQUESTING PAYMENTS FOR SELECTED ITEMS OR SERVICES USING PAYMENT TOKENS	Pending	Sep 10, 2014		
14486272	COMBINING A QR CODE AND AN IMAGE	Pending	Sep 15, 2014		
14486947	METHOD AND SYSTEM FOR NOTIFICATION AND REQUEST PROCESSING	Pending	Sep 15, 2014		
14487041	NON-NUMERIC PERSONAL IDENTIFICATION	Pending	Sep 15, 2014		
14491781	NETWORK-BASED CONSUMER TRANSACTIONS WITH CREDIT ACCOUNTS	Pending	Sep 19, 2014		
14495440	GIFT SUGGESTION SYSTEM	Pending	Sep 24, 2014		
14497214	UTILIZING A VEHICLE TO DETERMINE AN IDENTITY OF A USER	Pending	Sep 25, 2014		
14498772	METHOD AND APPARATUS FOR A DATA CONFIDENCE INDEX	Pending	Sep 26, 2014		
14499053	PROJECTION SHOPPING WITH A MOBILE DEVICE	Pending	Sep 26, 2014		
14499064	COMMUNICATION DEVICE WITH CONTACT INFORMATION INFERENCE	Pending	Sep 26, 2014		
14499118	COMMUNICATION DEVICE INTERFACE FOR MONETARY TRANSFERS THROUGH A DISPLAYABLE CONTACT LIST	Pending	Sep 27, 2014		
14500423	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 29, 2014		
14500455	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 29, 2014		
14500488	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 29, 2014		
14500500	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 29, 2014		
14502114	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 30, 2014		
14502133	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 30, 2014		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
14502193	GUI-BASED WALLET PROGRAM FOR ONLINE TRANSACTIONS	Pending	Sep 30, 2014		
14503313	SELF-LEARNING AND SELF-VALIDATING DECLARATIVE TESTING	Pending	Sep 30, 2014		
14504204	SYSTEMS AND METHODS FOR PROVIDING PAYMENT HOTSPOTS	Pending	Oct 1, 2014		
14506968	SYSTEM AND METHOD FOR LOCATION BASED CONTENT CORRELATION	Pending	Oct 6, 2014		
14507071	SYSTEM AND METHOD FOR LOCATION BASED CONTENT CORRELATION	Pending	Oct 8, 2014		
14507343	SECURE ELEMENTS BROKER (SEB) FOR APPLICATION COMMUNICATION CHANNEL SELECTOR OPTIMIZATION	Pending	Oct 6, 2014		
14508874	COMMUNICATION DEVICE INTERFACE FOR MERCHANT CHECK-IN AND SHOPPING NOTIFICATIONS	Pending	Oct 7, 2014		
14510777	FOCUS-BASED CHALLENGE-RESPONSE AUTHENTICATION	Pending	Oct 9, 2014		
14511115	MOBILE BARCODE GENERATION AND PAYMENT	Pending	Oct 9, 2014		
14511785	DEVICE REPUTATION	Pending	Oct 10, 2014		
14513178	VIRTUAL DISPLAY DEVICE FOR AN INTERACTIVE MERCHANT SALES ENVIRONMENT	Pending	Oct 13, 2014		
14515447	SYSTEMS AND METHODS FOR FACILITATING OFFLINE PAYMENTS	Pending	Oct 15, 2014		

PATENT

REEL: 043887 FRAME: 0821

RECORDED: 10/17/2017