

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4282108

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:	15437051
CORRESPONDENCE DATA		
Fax Number:	(202)842-8465	
<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:	202-842-8800	
Email:	DBRIPDocket@dbr.com, felicia.bull@dbr.com	
Correspondent Name:	DRINKER BIDDLE/PAYPAL	
Address Line 1:	1500 K STREET, N.W.	
Address Line 2:	SUITE 1100	
Address Line 4:	WASHINGTON, D.C. 20005-1209	
ATTORNEY DOCKET NUMBER:	214772-0052-01-US	
NAME OF SUBMITTER:	CORY M. VALLEY, PH.D., J.D.	
SIGNATURE:	/CORY VALLEY/	
DATE SIGNED:	02/20/2017	
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

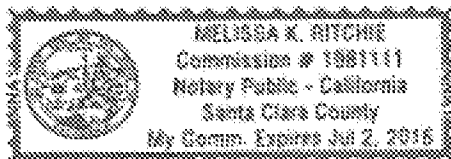
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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.

Notary Public

(Signature of Notary)

(Legibly Print or Stamp Name of Notary)

SEE ATTACHED FORM

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

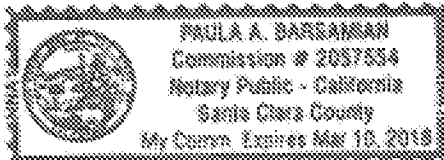
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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
13340521	APPLICATIONS LOGIN USING A MECHANISM RELATING SUB-TOKENS TO THE QUALITY OF A MASTER TOKEN	Issued	Dec 29, 2011	8689310	Apr 1, 2014
13340526	METHODS AND SYSTEMS FOR USING A CO-LOCATED GROUP AS AN AUTHORIZATION MECHANISM	Pending	Dec 29, 2011		
13341147	PROJECTION SHOPPING WITH A MOBILE DEVICE	Issued	Dec 30, 2011	8849710	Sep 30, 2014
13341376	OFFLINE MOBILE PHONE PAYMENTS	Pending	Dec 30, 2011		
13341540	RAPID CHECKOUT AFTER PAYMENT	Pending	Dec 30, 2011		
13341559	DRAW AND DROP PURCHASING BIN	Pending	Dec 30, 2011		
13341778	CONFIGURING A SERVICE BASED ON MANIPULATIONS OF GRAPHICAL REPRESENTATIONS OF ABSTRACTIONS OF RESOURCES	Issued	Dec 30, 2011	8316305	Nov 20, 2012
13341961	METHOD AND SYSTEM OF BUILDING STORE PRODUCT FINDERS	Pending	Dec 31, 2011		
13342880	ON-DEMAND SOFTWARE TEST ENVIRONMENT GENERATION	Allowed	Jan 3, 2012		
13348511	PAYMENT SERVICE TO EFFICIENTLY ENABLE ELECTRONIC PAYMENT AUTOMATIC DETECTION AND USE OF MOBILE PAYMENT	Pending	Jan 11, 2012		
13356480	APPLICATIONS	Pending	Jan 23, 2012		
13360941	TRANSACTIONS ASSOCIATED WITH A MOBILE DEVICE	Pending	Jan 30, 2012		
13361113	LOCATION-BASED SERVICES	Issued	Jan 30, 2012	8909248	Dec 9, 2014
13361196	LOCATION-BASED SERVICES	Issued	Jan 30, 2012	8862150	Oct 14, 2014
13362443	FRAUD ALERTING USING MOBILE PHONE LOCATION	Pending	Jan 31, 2012		
13366000	SEARCH CLUSTERING	Issued	Feb 3, 2012	8589398	Nov 19, 2013
13368066	DESTINATION DEVICE BILLING ACCORDING TO CALL RECIPIENT USING CLOCK DRIFT, CLOCK SKEW, AND NETWORK LATENCY TO	Issued	Feb 7, 2012	8588384	Nov 19, 2013
13397070	ENHANCE MACHINE IDENTIFICATION	Issued	Feb 15, 2012	8789158	Jul 22, 2014
13398697	OBTAINING INSTANT CREDIT AT A POS WITH LIMITED INFORMATION	Pending	Feb 16, 2012		
13409358	FINGER PRINT FUNDING SOURCE SELECTION	Pending	Mar 1, 2012		
13409572	GROUP ELECTRONIC PURCHASE	Pending	Mar 1, 2012		
13413063	PHYSIOLOGICAL RESPONSE PIN ENTRY	Allowed	Mar 6, 2012		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13415184	DEVICE REPUTATION	Issued	Mar 8, 2012	8869245	Oct 21, 2014
13416441	SOCIAL CONSUMER SPHERES	Pending	Mar 9, 2012		
13418196	BIOMETRIC AUTHENTICATION OF MOBILE FINANCIAL TRANSACTIONS	Issued	Mar 12, 2012	8554689	Oct 8, 2013
13420554	BY TRUSTED SERVICE MANAGERS				
13420663	SECURE TRANSACTION THROUGH A TELEVISION	Issued	Mar 15, 2012	9009746	Apr 14, 2015
		Issued	Mar 15, 2012	8776132	Jul 8, 2014
13420695	SINGLE DIGITAL WALLET ACROSS MULTIPLE PAYMENT PLATFORMS	Issued	Mar 15, 2012	8997139	Mar 31, 2015
13420888	PAYMENT AUTHENTICATION AND AUTHORIZATION NON-WEB DEVICES	Issued	Mar 15, 2012		
13421502	SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR USING PROXY ACCOUNTS	Pending	Mar 15, 2012		
13424557	CARD READER FOR MOBILE DEVICE	Issued	Mar 15, 2012	8500010	Aug 6, 2013
13426394	METHOD AND SYSTEM FOR DYNAMIC TEMPLATIZED QUERY LANGUAGE IN SOFTWARE	Pending	Mar 20, 2012		
13427483	DEVICE ORIENTATION BASED TRANSLATION SYSTEM	Pending	Mar 21, 2012		
13428544	CONFIDENT PAYMENT SYSTEM	Issued	Mar 22, 2012	8595108	Nov 26, 2013
13428894	METHODS AND APPARATUS FOR GENERATING A DATA DICTIONARY SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR ON LINE GIFTING	Issued	Mar 23, 2012	8676829	Mar 18, 2014
13429108	PROVIDING CONSUMERS WITH INCENTIVES FOR HEALTHY EATING HABITS	Pending	Mar 23, 2012		
13429992	HARDENING SECURITY IMAGES	Issued	Mar 26, 2012	8548850	Oct 1, 2013
13430029	METHOD AND SYSTEM TO PRE-FETCH DATA IN A NETWORK	Issued	Mar 26, 2012	8547383	Oct 1, 2013
13431075	SECURE ATM TRANSACTIONS WITH A MOBILE DEVICE	Pending	Mar 27, 2012		
13432298	ALTERNATIVE PAYMENT METHOD FOR ONLINE TRANSACTIONS USING INTERACTIVE VOICE RESPONSE	Issued	Mar 28, 2012	8489507	Jul 16, 2013
13432436	A SYSTEM FOR USER TO USER PAYMENTS FACILITATED BY A THIRD PARTY	Pending	Mar 28, 2012		
13433631	DONATION INCENTIVATION SYSTEM	Issued	Mar 29, 2012	8597126	Dec 3, 2013
13433792	MOBILE BARCODE GENERATION AND PAYMENT	Issued	Mar 29, 2012	8600883	Dec 3, 2013
13435008	SMARTPHONES AS PAGERS	Pending	Mar 30, 2012		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13435144	PROVIDING MORE RELEVANT ADS TO MOTORISTS	Pending	Mar 30, 2012		
13435209	DIGITAL PROOF OF DELIVERY	Allowed	Mar 30, 2012		
		Pending	Mar 30, 2012		
13436101	METHOD AND SYSTEM TO RECONSTRUCT AN ON-LINE EXPERIENCE				
13436147	METHOD AND SYSTEM TO SELECTIVELY PROCESS A CODE	Pending	Mar 30, 2012		
13436605	LOCATION-BASED AUTOMATIC PAYMENT SYSTEM	Pending	Mar 30, 2012		
13436619	ONLINE PAYMENT FOR OFFLINE PURCHASE	Pending	Mar 30, 2012		
13436784	POINT OF SALE PAYMENT SYSTEM	Pending	Mar 30, 2012		
13438632	EXPANSION OF DATABASE SEARCH QUERIES	Pending	Apr 3, 2012		
13439225	SMART GIFT LIST	Pending	Apr 4, 2012		
		Issued	Apr 6, 2012	8914876	Dec 16, 2014
13441363	SYSTEM AND METHOD FOR TRANSACTION SECURITY ENHANCEMENT				
13441455	INTEGRATED FINDING EXPERIENCE SYSTEMS AND METHODS	Pending	Apr 6, 2012		
13442187	DYNAMIC HOSTING SHOPPING CART	Issued	Apr 9, 2012	8756104	Jun 17, 2014
	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INTERNET WEB PAGE	Pending	Apr 10, 2012		
13443189					
13443534	FRIENDLY FUNDING SOURCE MESSAGING	Pending	Apr 10, 2012		
13447092	Two Factor Authentication Using a One-Time Password	Pending	Apr 13, 2012		
13450700	CENTRALIZED TRANSACTION RECORD STORAGE	Issued	Apr 18, 2012	8433653	Apr 30, 2013
13450925	ELECTRONIC PAYMENTS USING VISUAL CODE	Pending	Apr 19, 2012		
13453492	UNIFIED IDENTITY VERIFICATION	Issued	Apr 23, 2012	8498940	Jul 30, 2013
	TRANSACTION SERVICE PURCHASE OPTIONS VIA A PAYMENT PROVIDER	Pending	Apr 26, 2012		
13456322					
13458826	BARCODE CHECKOUT AT POINT OF SALE	Pending	Apr 27, 2012		
	METHOD AND SYSTEM FOR FACILITATING ONLINE PAYMENTS BASED ON AN ESTABLISHED PAYMENT AGREEMENT	Pending	Apr 27, 2012		
13458855					
13460378	PASSWORD CHECK BY DECOMPOSING PASSWORD	Pending	Apr 30, 2012		
13462162	TEMPORARY SESSION DATA STORAGE	Issued	May 2, 2012	8364635	Jan 29, 2013
	METHOD AND SYSTEM FOR A TRANSPARENT APPLICATION OF MULTIPLE QUERIES ACROSS MULTIPLE DATA SOURCES	Issued	May 3, 2012	8515949	Aug 20, 2013
13463429					
13467225	SHOPPING CONTEXT ENGINE	Issued	May 9, 2012	8516000	Aug 20, 2013

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13467799	PAYMENT TRANSACTIONS ON MOBILE DEVICE USING MOBILE CARRIER	Issued	May 9, 2012	8805326	Aug 12, 2014
13468825	HARVEST CUSTOMER TRACKING INFORMATION	Pending	May 10, 2012		
13470032	INTEGRATING THIRD PARTY SHOPPING CART APPLICATIONS WITH AN ONLINE PAYMENT SERVICE	Pending	May 11, 2012		
13471591	METHODS AND SYSTEMS TO EFFICIENTLY RETRIEVE A DATA ELEMENT	Pending	May 15, 2012		
13472111	ONLINE PURCHASING SYSTEM SUPPORTING SELLERS WITH AFFORDABILITY SCREENING	Issued	May 15, 2012	8306898	Nov 6, 2012
13472132	ONLINE PURCHASING SYSTEM SUPPORTING SELLERS WITH AFFORDABILITY SCREENING	Issued	May 15, 2012	8311925	Nov 13, 2012
13475398	SYSTEMS AND METHODS FOR DISPLAYING ITEMS	Pending	May 18, 2012		
13475840	METHOD AND APPARATUS FOR AUTHORIZING A PAYMENT VIA A REMOTE DEVICE	Issued	May 18, 2012	8429022	Apr 23, 2013
13477811	LOCATION BASED SHOPPING LIST	Allowed	May 22, 2012		
13478084	COMPUTING SYSTEM SUPPORTING ONLINE PURCHASES	Pending	May 22, 2012		
13478090	INFRASTRUCTURE SUPPORTING ONLINE TRANSACTIONS	Pending	May 22, 2012		
13478092	PERSISTENCE MECHANISM FOR FACILITATING ONLINE TRANSACTIONS	Issued	May 22, 2012	8495209	Jul 23, 2013
13478554	TRANSACTION AUTO SYNCHRONIZATION	Pending	May 23, 2012		
13481070	PROXY SHOPPER PAYMENTS	Pending	May 25, 2012		
13481165	REAL-TIME ADVERTISEMENT AND NEGOTIATION SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR	Pending	May 25, 2012		
13482425	USING PROXY ACCOUNTS	Allowed	May 29, 2012		
13483966	PROXY SHOPPING REGISTRY	Pending	May 30, 2012		
13484209	A METHOD AND APPARATUS FOR DATA RECIPIENT STORAGE AND RETRIEVAL OF DATA USING A NETWORK COMMUNICATION DEVICE	Issued	May 30, 2012	8423474	Apr 16, 2013
13485002	SYSTEM TO GENERATE RELATED SEARCH QUERIES	Pending	May 31, 2012		
13485355	IN-STORE MOBILE PAYMENT	Pending	May 31, 2012		

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13485651	METHOD AND APPARATUS FOR FACILITATING ONLINE PAYMENT TRANSACTIONS IN A NETWORK-BASED TRANSACTION FACILITY USING MULTIPLE PAYMENT INSTRUMENTS	Pending	May 31, 2012		
13490035	SELECTING DIVERSE PRODUCT TITLES TO DISPLAY ON A WEBSITE	Pending	Jun 6, 2012		
13492402	LOCATION-BASED PAYER CHARGING SYSTEM	Pending	Jun 8, 2012		
13493756	SYSTEM AND METHOD TO ALLOW ACCESS TO A VALUE HOLDING ACCOUNT	Issued	Jun 11, 2012	8800865	Aug 12, 2014
13494741	FRAUD DETECTION SYSTEM	Pending	Jun 12, 2012		
13523425	SYSTEM AND METHODS FOR AUTHENTICATING A USER AND DEVICE	Issued	Jun 14, 2012	8973102	Mar 3, 2015
	SYSTEM AND METHOD OF A PASSPHRASE ACCOUNT IDENTIFIER FOR USE IN A NETWORK ENVIRONMENT	Issued	Jun 14, 2012	8538877	Sep 17, 2013
13523727	METHODS AND SYSTEMS TO FACILITATE A PURCHASE OF AN ITEM ON A NETWORK-BASED MARKETPLACE	Issued	Jun 15, 2012	8560397	Oct 15, 2013
13525674	PREPAID WALLET FOR MERCHANTS	Pending	Jun 18, 2012		
13525674	GIFT TOKEN	Pending	Jun 18, 2012		
13525832	WISH LIST SHARING AND PUSH SUBSCRIPTION SYSTEM	Pending	Jun 18, 2012		

PATENT

REEL: 046757 FRAME: 0832

RECORDED: 02/20/2018