

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4528769

<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>	15665195
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)202-3001
<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>	214-651-5000
<b>Email:</b>	monique.lesadahiro@haynesboone.com
<b>Correspondent Name:</b>	HAYNES & BOONE, LLP
<b>Address Line 1:</b>	2323 VICTORY AVE. #700
<b>Address Line 4:</b>	DALLAS, TEXAS 75219
<b>ATTORNEY DOCKET NUMBER:</b>	70481.347US02
<b>NAME OF SUBMITTER:</b>	ANDREW COHN
<b>SIGNATURE:</b>	/Andrew Cohn/
<b>DATE SIGNED:</b>	07/31/2017
<b>Total Attachments: 9</b>	
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source=70481.347US02-AssignmentfromeBaytoPayPal#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: [Signature]

Its: S.V.P. GENERAL COUNSEL

Date: JULY 17, 2015

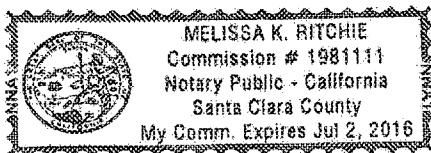
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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

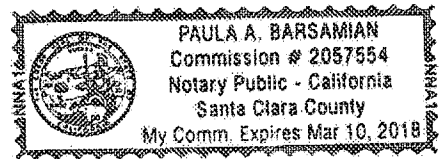
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13100462	ADVANCED PAYMENT MANAGEMENT SYSTEM	Issued	May 4, 2011	8423461	Apr 16, 2013
13101885	USER INTERFACE WITH MOUSE-OVER FUNCTION	Pending	May 5, 2011		
	METHOD AND SYSTEM FOR MANAGING DATA TRANSACTION REQUESTS	Issued	May 9, 2011	8291000	Oct 16, 2012
13103789	ONLINE PURCHASING SYSTEM SUPPORTING SELLERS WITH AFFORDABILITY SCREENING	Issued	May 10, 2011	8177124	May 15, 2012
13104311	ONLINE PURCHASING SYSTEM SUPPORTING BUYER AFFORDABILITY SCREENING	Issued	May 17, 2011	8181851	May 22, 2012
13109093	Method and Process of using visual inspection, GPS locations and predetermined transactions to authorize a spending card	Pending	May 17, 2011		
13109257	METHOD AND SYSTEM FOR FACILITATING PRODUCT SHOPPING	Issued	May 20, 2011	8751332	Jun 10, 2014
13112747	Automated user information provision using images	Issued	May 27, 2011	8724931	May 13, 2014
13117210	Systems and Methods for an Electronic Shopping List	Pending	May 27, 2011		
13117484	SYSTEM AND METHOD TO TEST EXECUTABLE INSTRUCTIONS	Issued	Jun 20, 2011	9015532	Apr 21, 2015
13126719	QUERY UTILIZATION USING QUERY BURST CLASSIFICATION	Issued	May 31, 2011	8370333	Feb 5, 2013
13149151	Instant bank account access confirmation through debit network	Pending	Jun 1, 2011		
13150889	PAYER DEVICE THAT CHANGES PHYSICAL STATE BASED ON PAYER INFORMATION	Issued	Jun 3, 2011	8762224	Jun 24, 2014
13152641	METHOD AND SYSTEM TO NARROW GENERIC SEARCHES USING RELATED SEARCH TERMS	Pending	Jun 3, 2011		
13153071	FOCUS-BASED CHALLENGE-RESPONSE AUTHENTICATION	Issued	Jun 3, 2011	8621564	Dec 31, 2013
13153100	CONTEXT-AWARE SHOPPING SERVICES ON MOBILE	Pending	Jun 6, 2011		
13154048	CREATING REVENUE SOURCES USING ALLOCATION SOURCE	Pending	Jun 8, 2011		
13156167	PAYMENT SERVICE TO EFFICIENTLY ENABLE ELECTRONIC PAYMENT	Issued	Jun 14, 2011	8112353	Feb 7, 2012
13160316	CENTRALIZED TRANSACTION RECORD STORAGE	Issued	Jun 16, 2011	8229849	Jul 24, 2012
13162472	PASSPORTING CREDENTIALS BETWEEN A MOBILE APP AND A WEB BROWSER	Issued	Jun 17, 2011	8881250	Nov 4, 2014

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13164410	SYSTEMS AND METHODS FOR INCREMENTAL SOFTWARE DEVELOPMENT	Issued	Jun 20, 2011	8856724	Oct 7, 2014
13165180	Smart Wallet	Pending	Jun 21, 2011		
13165468	BUSINESS INTELLIGENCE BASED SOCIAL NETWORK WITH VIRTUAL DATA-VISUALIZATION CARDS	Issued	Jun 21, 2011	8738543	May 27, 2014
13168671	ANIMATED TWO-DIMENSIONAL BARCODE CHECKS	Pending	Jun 24, 2011		
13171057	POINT-OF-SALE PROMOTIONS	Issued	Jun 28, 2011	8459551	Jun 11, 2013
13171838	NEAR-FIELD COMMUNICATION BASED PAYMENT METHODS	Pending	Jun 29, 2011		
13173372	FLEXIBLE PAYMENT INSTRUMENT	Pending	Jun 30, 2011		
13174394	INTERACTIVE CAPTCHA	Pending	Jun 30, 2011		
13182196	AUCTION WITH INTEREST RATE BIDDING	Issued	Jul 13, 2011	8433643	Apr 30, 2013
13184266	PROVIDING CONSUMERS WITH INCENTIVES FOR HEALTHY EATING HABITS	Issued	Jul 15, 2011	8234160	Jul 31, 2012
13187836	MERCHANT INITIATED PAYMENT USING CONSUMER DEVICE	Pending	Jul 21, 2011		
13188746	INCENTIVIZING THE LINKING OF INTERNET CONTENT TO PRODUCTS FOR SALE	Pending	Jul 22, 2011		
13191166	Location-Based Payer Charging System	Pending	Jul 26, 2011		
13204509	METHOD AND SYSTEM FOR ADJUSTING PRODUCT RANKING SCORES BASED ON AN ADJUSTMENT FACTOR	Issued	Aug 5, 2011	8630920	Jan 14, 2014
13206295	SESSION ANALYSIS SYSTEMS AND METHODS	Allowed	Aug 9, 2011		
13210063	LOCATION-BASED SERVICE PAYMENT AND SETUP	Pending	Aug 15, 2011		
13212994	MULTICURRENCY EXCHANGES BETWEEN PARTICIPANTS OF A NETWORK-BASED TRANSACTION FACILITY	Issued	Aug 18, 2011	8249990	Aug 21, 2012
13215991	SYSTEM AND METHOD FOR CONDUCTING A GIFT VALUE TRANSACTION	Pending	Aug 23, 2011		
13218586	SECURE PAYMENT INSTRUCTION SYSTEM	Pending	Aug 26, 2011		
13220209	GRAPH PATTERN RECOGNITION INTERFACE	Issued	Aug 29, 2011	8341111	Dec 25, 2012
13223051	INFORMATION REPOSITORY SEARCH SYSTEM	Issued	Aug 31, 2011	8290932	Oct 16, 2012
13224052	ONLINE PURCHASING SYSTEM SUPPORTING LENDERS WITH AFFORDABILITY SCREENING	Issued	Sep 1, 2011	8255668	Sep 4, 2012
13225009	SYSTEM AND METHOD FOR SUBMITTING AN OFFER TO PURCHASE OVER A NETWORK-BASED COMMERCE FACILITY	Pending	Sep 2, 2011		



APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13226325	ROLE-BASED ATTRIBUTE BASED ACCESS CONTROL (RABAC)	Issued	Sep 6, 2011	8474018	Jun 25, 2013
13234278	RESTRICTIVE ACCESS OF A DIGITAL OBJECT BASED ON LOCATION	Pending	Sep 16, 2011		
13236029	SEARCH SYSTEM UTILIZING PURCHASE HISTORY	Allowed	Sep 19, 2011		
13236304	METHOD FOR TRANSMITTING A CODE	Issued	Sep 19, 2011	8301556	Oct 30, 2012
13236511	PROVIDING A MARKETPLACE FOR SOFTWARE SERVICES	Pending	Sep 19, 2011		
13238959	DYNAMIC CONTENT FOR ONLINE TRANSACTIONS	Issued	Sep 21, 2011	8285820	Oct 9, 2012
13241595	SPURIOUS INPUT DETECTION SYSTEM	Issued	Sep 23, 2011	8629849	Jan 14, 2014
13241857	ORDER PROVISION SYSTEM USING CUSTOMER PROXIMITY	Pending	Sep 23, 2011		
13245570	SECURE CHECKING ACCOUNT	Pending	Sep 26, 2011		
13245598	EASY CREATION OF MOBILE PAYMENT CODE	Pending	Sep 26, 2011		
13246443	DEPOSITING AND WITHDRAWING FUNDS	Pending	Sep 27, 2011		
13248836	SOCIAL PROXIMITY PAYMENTS	Pending	Sep 29, 2011		
13249949	SYSTEMS AND METHODS FOR ENHANCING USER INTERACTION WITH DISPLAYED INFORMATION	Allowed	Sep 30, 2011		
13250490	ENHANCING THE SEARCH EXPERIENCE IN A NETWORKED PUBLICATION SYSTEM BY IMPROVED SEARCH AND LISTING PROCESS	Pending	Sep 30, 2011		
13250936	METHODS AND SYSTEMS USING DEMAND METRICS FOR PRESENTING ASPECTS FOR ITEM LISTINGS PRESENTED IN A SEARCH RESULTS PAGE	Issued	Oct 6, 2011	8738526	May 27, 2014
13267717	INSTANT AVAILABILITY OF ELECTRONICALLY TRANSFERRED FUNDS	Issued	Oct 6, 2011		
13270978	ASYNCHRONOUS MESSAGING BUS	Pending	Oct 11, 2011		
13277638	PAYMENT SYSTEM WITH TIME RESTRICTIONS	Pending	Oct 20, 2011		
13278242	LOCATION DETERMINATION AND MAP BUILDING	Pending	Oct 21, 2011		
13279585	NON-REVERSIBLE PAYMENT PROCESSING	Pending	Oct 24, 2011		
13281273	AUTOMATIC PIN CREATION USING PASSWORD	Issued	Oct 25, 2011	8756652	Jun 17, 2014
13282251	METHOD AND APPARATUS FOR PROCESSING ON-LINE DONATIONS ASSOCIATED WITH MEDIA CONTENT	Pending	Oct 26, 2011		
13283210	METHOD AND SYSTEM FOR PROCESSING TRANSFER REQUESTS	Issued	Oct 27, 2011	8275706	Sep 25, 2012

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13284620	SYSTEMS AND METHODS FOR FACILITATING FINANCIAL TRANSACTIONS OVER A NETWORK	Issued	Oct 28, 2011	8280777	Oct 2, 2012
13285893	CATALOG GENERATION BASED ON DIVERGENT LISTINGS	Issued	Oct 31, 2011	8315917	Nov 20, 2012
13286938	SYSTEM AND METHOD FOR UTILIZING STUDENT ACCOUNTS	Pending	Nov 1, 2011		
13288757	DYNAMIC CONTENT GENERATION IN EMAIL MESSAGES	Pending	Nov 3, 2011		
13291146	VERIFYING THE SOURCE OF ELECTRONICALLY EXCHANGED VALUE	Issued	Nov 8, 2011	8370259	Feb 5, 2013
13291398	AUTHORIZING USE OF A FINANCIAL INSTRUMENT	Issued	Nov 8, 2011	8515871	Aug 20, 2013
13291412	APPROVING THE USE OF THE SOURCE OF FUNDS	Issued	Nov 8, 2011	8417637	Apr 9, 2013
13293004	SECURE IN-LINE PAYMENTS FOR RICH INTERNET APPLICATIONS	Pending	Nov 9, 2011		
13294923	QUICK PAYMENT USING MOBILE DEVICE BINDING	Pending	Nov 11, 2011		
13305294	HYBRID ACCOUNT	Issued	Nov 28, 2011	8332311	Dec 11, 2012
13307625	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE	Issued	Nov 30, 2011	8239533	Aug 7, 2012
13308248	REAL-TIME PAYMENTS THROUGH FINANCIAL INSTITUTION	Pending	Nov 30, 2011		
13310127	SOCIAL NETWORK PAYMENT SYSTEM	Pending	Dec 2, 2011		
13313681	SYSTEMS AND METHODS FOR GENERATING LOCATION-BASED GROUP RECOMMENDATIONS	Issued	Dec 7, 2011	8463295	Jun 11, 2013
13325540	MOBILE ON-THE-SPOT SHOPPING AND PAYMENTS	Pending	Dec 14, 2011		
13326548	DYNAMIC PRODUCT/SERVICE RECOMMENDATIONS	Pending	Dec 15, 2011		
13327515	COMPUTING DEVICE FOR CUSTOM GOLF CLUB FITTING	Issued	Dec 15, 2011	8579731	Nov 12, 2013
13328180	FAMILY PLAN PROMOTIONAL OFFER SHARING	Pending	Dec 16, 2011		
13328477	TRAVEL ACCOUNT	Issued	Dec 16, 2011	8612350	Dec 17, 2013
13329060	ESCROW PAYMENT TO FACILITATE ON-LINE TRANSACTIONS	Issued	Dec 16, 2011	8452666	May 28, 2013
13330089	LOCAL AFFILIATE MARKETING	Pending	Dec 19, 2011		
13330264	SMART WALLET	Pending	Dec 19, 2011		
13330374	SYSTEM AND METHOD FOR FACILITATING ELECTRONIC FINANCIAL TRANSACTIONS DURING A PHONE CALL	Pending	Dec 19, 2011		
13331088	SECURE PIN VERIFICATION FOR MOBILE PAYMENT SYSTEMS	Pending	Dec 20, 2011		
13331801	TRUSTED SERVICE MANAGER (TSM) ARCHITECTURES AND METHODS	Issued	Dec 20, 2011	8417643	Apr 9, 2013

APPLICATION NUMBER	TITLE	STATUS	DATE FILED	PATENT NUMBER	GRANT DATE
13333170	DIGITAL CONTENT PROVIDED TO A USER AT A PHYSICAL LOCATION	Pending	Dec 21, 2011		
13336696	AUTHENTICATED CHECKIN VIA PASSIVE NFC	Issued	Dec 23, 2011	8583933	Nov 12, 2013
13336929	DEFERRED PAYMENT AND SELECTIVE FUNDING AND PAYMENTS	Pending	Dec 23, 2011		
13338019	RAPID ONLINE PAYMENT SYSTEM	Issued	Dec 27, 2011	8600892	Dec 3, 2013
13338509	POINT OF SALE PAYMENT SYSTEM	Pending	Dec 28, 2011		
13338525	CONDUCTING TRANSACTIONS THROUGH A PUBLISHER	Pending	Dec 28, 2011		
13339275	SYSTEM AND METHODS FOR PROTECTING USERS FROM MALICIOUS CONTENT	Pending	Dec 28, 2011		
13340236	SYSTEMS AND METHODS FOR EXTRACTING INFORMATION FROM STRUCTURED DOCUMENTS	Issued	Dec 29, 2011	8572024	Oct 29, 2013
13340313	PAID PROMOTIONAL TAGS	Pending	Dec 29, 2011		

RECORDED: 07/23/2015

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