504539895 09/08/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4586602

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:	15231203

#### **CORRESPONDENCE DATA**

**Fax Number:** (214)200-0853

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.

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ATTORNEY DOCKET NUMBER:	70481.1259US02
NAME OF SUBMITTER:	TOM CHEN
SIGNATURE:	/Tom Chen/
DATE SIGNED:	09/08/2017

#### **Total Attachments: 9**

source=Assignment4\_11642030-12114870#page1.tif source=Assignment4\_11642030-12114870#page2.tif source=Assignment4\_11642030-12114870#page3.tif source=Assignment4\_11642030-12114870#page4.tif source=Assignment4\_11642030-12114870#page5.tif source=Assignment4\_11642030-12114870#page6.tif

PATENT 504539895 REEL: 043538 FRAME: 0537

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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. 4.79 GENERAL COUNSE.

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 1015, personally appeared 10 location | 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
Commission # 1981111
Notary Public - California
Santa Clara County
My Comm. Expires Jul 2, 2016

Signature of Notary

MU(SSD K Mtchie (Legibly Print or Stamp Name of Notary)

ACCEPTED BY:

V. A	eleting this certificate verifies only the identity of the individual is certificate is attached, and not the truthfulness, accuracy, or
STATE OF CALIFORNIA ) ss.	
COUNTY OF SANTA CLARA	
same for the purposes and conside authority to act in this assignment on	known to me as the person whose instrument and acknowledged to me that he/she executed the eration therein expressed, in the capacity state, and with
State Bertin White & FORLA	Notary Public
Str. W.	(Signature of Notary)
	(Legibly Print or Stamp Name of Notary)

ASSIGNEE:

PayPal, Inc.

SIGNATURE PAGE TO PATENT ASSIGNMENT AGREEMENT

	cate verifies only the identity of the individual who signed the the truthfulness, accuracy, or validity of that document.
State of California	<b>)</b>
County of Santa Clara	)
On Sills 13 3/16 hefore me Vill	42 A VINCENLIAL NOTHAN VIVALCE
On before me,	Here Insert Name and Title of the Officer
personally appeared 1984 Elevan	
Expression 5. add by a second	Name(s) of Signer(s)
subscribed to the within instrument and acknow	y evidence to be the person(s) whose name(s) is/are wledged to me that he/shothor executed the same in his/her/their signature(s) on the instrument 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.
PAULA A. BARSAMIAN Commission # 2057554 Notary Public - California	Signature Dulla A. Mulaus
Santa Clara County My Comm. Expires Mar 10, 2018	Signature of Notary Public
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Description of Attached Document	
Title or Type of Document:	
Number of Pages: Signer(s) Other Th	an 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:Signer Is Representing:	_ Other: Signer Is Representing:

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		May 15, 2007	Pending	DEFINING A SET OF DATA ACROSS MULTIPLE DATABASES USING 11748734 VARIABLES AND FUNCTIONS	11748
		May 2, 2007	Pending	METHOD AND APPARATUS FOR ENCOURAGING THE FORMATION 3527 AND JOINING OF ONLINE ACCOUNT GROUPS	11743527
Dec 31, 2013	8621490	Apr 26, 2007	Issued	METHOD AND SYSTEM FOR USER-DESIGNED APPLICATION 11740689 DEPLOYMENT	11740
Sep 6, 2011	8015087	Apr 10, 2007	Issued	SYSTEM AND METHOD FOR SUBMITTING AN OFFER TO PURCHASE 3569 OVER A NETWORK-BASED COMMERCE FACILITY	11733569
		Mar 30, 2007	Pending	PURCHASE-TRANSACTION-SETTLED ONLINE CONSUMER REFERRED AND REWARD SERVICE USING REAL-TIME SPECIFIC MERCHANT SALES 11731119 INFORMATION	11731
Apr 30, 2013	8,433,648	Feb 26, 2007	Issued	METHOD AND SYSTEM FOR ENGAGING IN A TRANSACTION BETWEEN 0883 A CONSUMER AND A MERCHANT	11710883
		Feb 26, 2007	Pending	0784 Method and System for Verifying an Electronic Transaction	11710784
		Jan 31, 2007	Pending	1315 SELECTIVE PRESENTATION OF DATA ITEMS	11701315
Sep 27, 2011	8028041	Apr 6, 2007	Issued	11697597 DYNAMIC CONTENT FOR ONLINE TRANSACTIONS	11697
		Apr 3, 2007	Abandoned	PROVIDING CONSUMERS WITH INCENTIVES FOR HEALTHY EATING 5682 HABITS	11695682
Dec 4, 2012	8326315	Mar 23, 2007	Issued	11690720 LOCATION-BASED SERVICES	11690
		Jan 23, 2007	Allowed	6635 ELECTRONIC FORM AUTOMATION	11656635
				1143 Consumer and a Merchant Engaged in a Purchase Transaction	11651143
		Jan 9, 2007	Pending	Method and System for Determining Transactional Data Between a	
				1142 Pair of Entities	11651142
		Jan 9, 2007	Abandoned	Method and System for Identification Verification Between at Least a	
					11651141
Oct 8, 2013	8,554,669	Jan 9, 2007	Issued	Method and System for Offering a Credit Product by a Credit Issuer at	
Jan 14, 2014	8631005	Dec 28, 2006	Issued	11646900 HEADER-TOKEN DRIVEN AUTOMATIC TEXT SEGMENTATION	11646
Sep 21, 2010	7801949	Dec 28, 2006	Issued	6709 CONFIGURABLE INTERFACES	11646709
		Dec 21, 2006	Pending	11643578 SYSTEM AND METHOD FOR UNIFIED DISPUTE RESOLUTION	11643
Jul 19, 2011	7980466	Dec 21, 2006	Issued	11643577 POINT-OF-SALE PROMOTIONS	11643
May 6, 2014	8719154	Dec 19, 2006	Issued	11642030 REPUTATION INTEGRATION INTO REMITTANCE DELIVERY	11642
GRANT DATE	PATENT NUMBER	DATE FILED	STATUS	ON TITLE	APPLICATION NUMBER

Sep 20, 2011	8024267	Sep 14, 2007	Issued	11855408 CENTRALIZED TRANSACTION RECORD STORAGE	118554
		Sep 12, 2007	Pending	11853962 ACH-ENABLED MICROPAYMENTS	118539
Jan 3, 2012	8091138	Sep 6, 2007	Issued	METHOD AND APPARATUS FOR CONTROLLING THE PRESENTATION 11851224 OF CONFIDENTIAL CONTENT	118512
Aug 6, 2013	8504450	Aug 31, 2007	Issued	11848745 MOBILE REMITTANCES/PAYMENTS	118487
Nov 24, 2009	7621443	Aug 30, 2007	Issued	7469 USER CONFIGURABLE ALERTS FOR ATM TRANSACTIONS	11847469
				11841158 ENVIRONMENT	118411
Aug 5, 2014	8799109	Aug 20, 2007	Issued	SYSTEM AND METHOD FOR PAYMENT ON CALL IN A NETWORKED	
		Aug 13, 2007	Pending	11837720 METHOD AND SYSTEM OF CONTROLLING LINKED ACCOUNTS	118377
May 17, 2011	7945512	Aug 13, 2007	Issued	11837704 SPENDING AND SAVINGS SECONDARY LINKED ACCOUNTS	118377
				11837001 MANAGEMENT INFORMATION AND PAYMENT INFORMATION	118370
		Aug 10, 2007	Pending	SYSTEM AND METHOD FOR INTEGRATING DIGITAL RIGHTS	
		Jul 27, 2007	Pending	11829511 METHOD AND SYSTEM FOR DYNAMIC MESSAGING	118295
				11821928 ECONOMIC OPTIMIZATION FOR PRODUCT SEARCH RELEVANCY	118219
		Jun 26, 2007	Pending		
				3708 Rating in a Transaction	11813708
Aug 16, 2011	8,001,040	Jan 9, 2008	Issued	Computer Implemented Method and System for Dynamic Consumer	
				11806989 TRANSACTIONS IN A NETWORK	118069
		Jun 5, 2007	Pending	SYSTEMS AND METHODS FOR FACILITATING PURCHASE	
		May 2, 2007	Abandoned	9667 Distributed System and Method For Commerce	11799667
				11782028 MULTIPLE AUCTION SITES	117820
Jul 20, 2010	7761341	Jul 24, 2007	Issued	MEDIUM, METHOD, AND SYSTEM FOR AUTOMATIC BIDDING ACROSS	
				3673 ADVERTISEMENT GENERATION AND MANAGEMENT	11773673
		Jul 5, 2007	Pending	SYSTEM AND METHOD FOR CATEGORY-BASED CONTEXTUAL	
Mar 6, 2012	8131722	Jun 29, 2007	Issued	11771464 SEARCH CLUSTERING	117714
				11771180 PROCESSING	117711
Sep 23, 2014	8844002	Jun 29, 2007	Issued	METHOD AND SYSTEM FOR NOTIFICATION AND REQUEST	
		Jun 11, 2007	Pending	1156 METHOD AND SYSTEM FOR SECURE NETWORK CONNECTION	11761156
				11758196 NETWORK-BASED TRANSACTION FACILITY	117581
•				COMMENTS REGARDING MULTIPLE ITEMS FROM USERS OF A	
Sep 8, 2009	7587359	Jun 5, 2007	Issued	METHOD AND SYSTEM FOR HARVESTING FEEDBACK AND	
GRANT DATE	PATENT NUMBER	DATE FILED	STATUS	ON TITLE	APPLICATION NUMBER

		Dec 28, 2007	Pending	SYSTEM AND METHOD FOR PROVIDING VARIABLE INCENTIVES BASED 11966670 ON SPENDING BEHAVIOR	1196667
Feb 15, 2011	7890537	Dec 27, 2007	Issued	11965458 CUSTOM CACHING	1196545
Oct 23, 2012	8296235	Dec 27, 2007	Issued	11964911 SYSTEM AND METHOD FOR CASHBACK FUNDING	1196491
Oct 12, 2010	7814147	Dec 26, 2007	Issued	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT 70 OF AN INTERNET WEB PAGE	11964470
			Ċ		11964232
		Dec 26, 2007	Pending	SYSTEM AND METHOD FOR ADMINISTERING A VALUE VAULT FOR	
		Dec 21, 2007	Pending	06 SYSTEM AND METHODS FOR ONE TIME CHECK NUMBERS	11963606
Oct 25, 2011	8046324	Dec 21, 2007	Issued	52 GRAPH PATTERN RECOGNITION INTERFACE	11963452
Jul 3, 2012	8214291	Dec 21, 2007	Issued	11962757 UNIFIED IDENTITY VERIFICATION	1196275
		Dec 21, 2007	Pending	11962733 PAYMENT USING FUNDS PUSHING	1196273
		Dec 21, 2007	Pending	11962511 MICRO PAYMENTS	1196251
				11962302 METHOD AND APPARATUS FOR PROCESSING ON-LINE DONATIONS	1196230
Jul 1, 2014	8768828	Dec 21, 2007	Issued		
		Dec 20, 2007	Pending	CONTRACT-CENTRIC CONTENT SYSTEM	11961887
		Dec 20, 2007	Pending	11961766 AUCTION PROFIT OPTIMIZATION	1196176
		Dec 20, 2007	Allowed	11960998 NON-LINEAR SLIDER SYSTEMS AND METHODS	1196099
Feb 19, 2013	8380624	Dec 19, 2007	Issued	11959875 PERSON-TO-PERSON PAYMENTS: CONTEXTUAL SPENDING	1195987
Oct 1, 2013	8549407	Dec 5, 2007	Issued	11950679 MULTI-DIMENSIONAL DYNAMIC VISUAL BROWSING	1195067
				11948788 USING REPUTATION MEASURES TO IMPROVE SEARCH RELEVANCE	1194878
Nov 12, 2013	8583633	Nov 30, 2007	Issued		
		Nov 16, 2007	Pending	11941349 PROCESSING UNSTRUCTURED INFORMATION	1194134
		Nov 15, 2007	Pending	03 SEND MONEY PLUG IN FOR WEB MAILS	11940403
Nov 19, 2013	8589266	Nov 5, 2007	Issued	11935139 REQUEST MONEY SOCIAL NETWORKING APPLICATIONS	1193513
				62 SITE	11924362
Jan 31, 2012	8108518	Oct 25, 2007	Issued	PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE	
Sep 17, 2013	8538819	Jul 30, 2007	Issued	11881920 METHOD AND SYSTEM FOR DYNAMIC FUNDING	1188192
Jul 1, 2014	8768853	Oct 5, 2007	Issued	11868039 SECONDARY IDENTIFICATION FOR REMITTANCE DELIVERY	1186803
Oct 22, 2013	8566439	Oct 1, 2007	Issued	METHOD AND SYSTEM FOR INTELLIGENT REQUEST REFUSAL IN 11865214 RESPONSE TO A NETWORK DEFICIENCY DETECTION	1186521
GRANT DATE	PATENT NUMBER	DATE FILED	STATUS	TITLE	APPLICATION NUMBER

DATE FILED         PATENT NUMBER NUMBER           Dec 28, 2007         8224702           Dec 28, 2007         8424057           Dec 28, 2007         8036944           Dec 28, 2007         8214288           Dec 28, 2007         8214288           Dec 28, 2007         8260687           Dec 31, 2007         8260687           Jan 2, 2008         7533804           Oct 22, 2007         8429598           Dec 20, 2007         8775475           Jan 14, 2008         8364566           Feb 4, 2008         8364566           Feb 28, 2008         7689488           Mar 17, 2008         7948898
<b>     </b>

		May 5, 2008	Pending	12114870 METHOD AND SYSTEM FOR TRANSACTION PROCESSING	12114
Mar 19, 2013	8401894	May 2, 2008	Issued	12114242 ONLINE INCENTIVE MANAGEMENT	12114;
		Apr 30, 2008	Pending	UTILIZING AN ELECTRONIC PAYMENT SYSTEM TO IMPLEMENT 12112566 REBATE PROGRAMS	12112
Jan 7,	8626650	Apr 28, 2008	Issued	12110944 GRADUAL CONVERSION OF FINANCIAL ACCOUNTS	12110
		Apr 24, 2008	Pending	12108808 METHOD AND SYSTEM FOR BALANCE ACCOUNT UTILIZATION	12108
		Apr 22, 2008	Pending	12107390 METHOD AND SYSTEM FOR INSTALLMENT PAYMENT UTILIZATION	12107
		Apr 21, 2008	Pending	12106647 MONEY POOLING WITH ELECTRONIC INVOICE	12106
May 7, 2013	8438069	Apr 16, 2008	Issued	METHODS AND SYSTEMS TO FACILITATE A PURCHASE OF AN ITEM 12104270 ON A NETWORK-BASED MARKETPLACE	12104:
Jan 18, 2011	7873546	Apr 11, 2008	Issued		12101406
Apr 2, 2013	8413156	Apr 7, 2008	Issued	12098620 METHOD AND SYSTEM FOR MANAGING RESOURCE CONNECTIONS	12098
Feb 16, 2010	7664666	Mar 14, 2008	Issued	SYSTEM AND METHOD FOR ONGOING SUPPORTING A 12077042 PROCUREMENT AND ACCOUNTS PAYABLE SYSTEM	12077
Apr 20, 2010	7702533	Feb 26, 2008	Issued	SYSTEM AND METHOD FOR ASSESSING A PROCUREMENT AND 12072300 ACCOUNTS PAYABLE SYSTEM	12072
Apr 26, 2011	7933792	Apr 2, 2008	Issued	SYSTEM FOR PROJECT PREPARING A PROCUREMENT AND ACCOUNTS 12061192 PAYABLE SYSTEM SURFACE	12061:
Jun 7, 2011	7957995	Apr 2, 2008	Issued	METHOD FOR PROJECT PREPARING A PROCUREMENT AND 12061112 ACCOUNTS PAYABLE SYSTEM	12061
		Apr 2, 2008	Pending	12061007 SYSTEM AND METHOD FOR VISUALIZATION OF DATA	12061
		Mar 31, 2008	Abandoned	9677 PERSONALLY CUSTOMIZABLE CREDIT CARD ACCOUNTS	12059677
Aug 30, 2011	8010395	Mar 31, 2008	Issued	PROGRAM STORAGE DEVICE FOR PROJECT PREPARING A 12059345 PROCUREMENT AND ACCOUNTS PAYABLE SYSTEM	12059:
Oct 4, 2011	8032515	Mar 26, 2008	Issued	12055874 INFORMATION REPOSITORY SEARCH SYSTEM	12055
Dec 10, 2013	8606855	Mar 25, 2008	Issued	12054487 COLLABORATIVE EMAIL WITH HIERACHICAL SIGNATURE AUTHORITY	12054
GRANT DATE	PATENT NUMBER	DATE FILED	STATUS	R TITLE	APPLICATION NUMBER

PATENT
RECORDED: 09/08/2017 REEL: 043538 FRAME: 0547