# 506656672 05/11/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6703484

		NEW ASSIGNMENT	
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	
CONVEYING PARTY DA	АТА		
		Name	Execution Date
EBAY INC.			07/17/2015
RECEIVING PARTY DA	ТА		
Name:	PAYPAL,	INC.	
Street Address:	2211 NO	RTH FIRST STREET	
City:	SAN JOS	E	
State/Country:	CALIFOR	NIA	
Postal Code:	95131		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
Application Number:	16	519664	
Fax Number: <i>Correspondence will be</i>	2) <b>e sent to ti</b> provided; i 21 ipo	14)200-0853 <b>he e-mail address first; if that is unsucce</b> <b>if that is unsuccessful, it will be sent via</b> 4-651-5000 docketing@haynesboone.com, paypaldock	US Mail.
Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:	(2 e sent to ti provided; i 21 ipo H/	he e-mail address first; if that is unsucce f that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481)	US Mail.
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	(2 e sent to ti provided; i 21 ipo H/ 23	he e-mail address first; if that is unsucce f that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700	US Mail.
Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	(2 e sent to ti provided; i 21 ipo H/ 23 D/	he e-mail address first; if that is unsucce f that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700 ALLAS, TEXAS 75219	US Mail.
Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	(2 e sent to ti provided; i 21 ipo H/ 23 D/	he e-mail address first; if that is unsucce f that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700 ALLAS, TEXAS 75219 P1716US3/70481.801US03	US Mail.
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	(2 e sent to ti provided; i 21 ipo H/ 23 D/	he e-mail address first; if that is unsucce if that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700 ALLAS, TEXAS 75219 P1716US3/70481.801US03 MARCY OGADO	US Mail.
Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER: SIGNATURE:	(2 e sent to ti provided; i 21 ipo H/ 23 D/	he e-mail address first; if that is unsucce f that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700 ALLAS, TEXAS 75219 P1716US3/70481.801US03 MARCY OGADO /Marcy Ogado/	US Mail.
Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUME ATTORNEY ATTORNEY DOCKET NUME ATTORNEY	(2 e sent to ti provided; i 21 ipo H/ 23 D/	he e-mail address first; if that is unsucce if that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700 ALLAS, TEXAS 75219 P1716US3/70481.801US03 MARCY OGADO	US Mail.
Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER: SIGNATURE:	(2 e sent to ti provided; i 21 ipo 4/ 23 D/ JMBER: JMBER: Assignmen Assignmen Assignmen Assignmen	he e-mail address first; if that is unsucce f that is unsuccessful, it will be sent via 4-651-5000 docketing@haynesboone.com, paypaldock AYNES & BOONE, LLP (70481) 23 VICTORY AVE. #700 ALLAS, TEXAS 75219 P1716US3/70481.801US03 MARCY OGADO /Marcy Ogado/ 05/11/2021 t-eBay-Paypal#page1.tif t-eBay-Paypal#page2.tif t-eBay-Paypal#page3.tif t-eBay-Paypal#page4.tif t-eBay-Paypal#page5.tif	US Mail.

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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: eBav Inc. By: Its: GENERAL COUNSEL JULY and I Star Date: 17.

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  $17^{4k}$  day of 3016, personally appeared 100 have 3000 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 of Notary)

(Legibly Print or Stamp Name of Notary)

ACCEPTED BY:

SIGNATURE PAGE TO PATENT ASSIGNMENT AGREEMENT

#### ASSIGNEE:

PayPal, Inc. By: Gunsel & Aset. Sec y Its: Date:

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.

(Legibly Print or Stamp Name of Notary)

SIGNATURE PAGE TO PATENT ASSIGNMENT AGREEMENT

#### **CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

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 Che	<u>×</u> )	
On July 17 2015	before me, Valla A. Valls Milel, Milling MilelCa	
Ďate	Here Insert Name and Title of the Officer	
personally appeared	ussel Elynar	
	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 of Notary Public

Place Notary Seal Above

OPTIONAL

Signature

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:	
Number of Pages: Signer(s) Other Than	1 Named Above:
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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:

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		Nov 29, 2012	Pending	NOMINATION OF A PRIMARY CELL PHONE FROM A POOL OF CELL 9054 PHONES	13689054
		Nov 28, 2012	Pending	13687980 VIRTUAL CONTACT CARDS	136879
		Nov 27, 2012	Pending	13686292 AUGMENTED REALITY FOR SHIPPING	136862
		Nov 26, 2012	Pending	5453 METHOD AND SYSTEM TO PROCESS A DATA SEARCH REQUEST	13685453
		Nov 21, 2012	Pending	METHOD AND SYSTEM TO ENHANCE PRESENTATION OF A SHARED	13683200
				2055 ONLINE FRAUD PREVENTION USING GENETIC ALGORITHM SOLUTION	13682055
Jan 6, 2015	8930268	Nov 20, 2012	Issued	1187 STSTENLAND METHOD FOR INTERACTIVE AND SOCIAL SHOPPING	/2112051
		Nov 19, 2012	Pending		
		Nov 16, 2012	Pending	9788 CONVERTED CURRENCY DISPLAY	13679788
				9632 REPRESENTATIONS OF ABSTRACTIONS OF RESOURCES	13679632
		ΝΟΥ ΤΟ, 2012	religi	CONFIGURING A SERVICE BASED ON MANIPULATIONS OF GRAPHICAL	
		Nov 16, 2012	Pending	9214 TRIP PLANNING AND BUDGETING	13679214
		Nov 15, 2012	Pending	13678420 SOCIAL MEDIA AND TRANSACTION DISPLAY SYSTEM	136784
				13677163 METHODS AND SYSTEMS FOR APPLICATION CONTROLLED PRE-FETCH	13677:
Jan 6, 2015	8930632	Nov 14, 2012	Issued		
		Nov 14, 2012	Pending	6206 AUTOMATIC ADJUSTMENT OF FONT ON A VISUAL DISPLAY	13676206
			*****	4003 GEOFENCE PERFORMANCE METRICS	13674003
		Nov 10, 2012	Pending	SYSTEMS AND METHODS FOR ANALYZING AND REPORTING	
		Nov 9, 2012	Pending	13673780 CREDIT CARD FRAUD DETECTION	13673.
				3682 WATERMARK	13673682
		Nov 9, 2012	Pending	SYSTEMS AND METHODS FOR SECURE AUTHENTICATION USING A	
		Nov 9, 2012	Pending	3628 CUSTOMIZED VCARDS	13673628
		NOV 9, ZUIZ	renaing	3266 QUERY DIVERSITY FROM DEMAND BASED CATEGORY DISTANCE	13673266
				9544 AFFORDABILITY SCREENING	13669544
		Nov 6, 2012	Pending		
				4995 POSITION	13664995
		Oct 31, 2012	Pending	SELECTION AND ORGANIZATION BASED ON SELECTION OF X-Y	
GRANT DATE	PATENT NUMBER	DATE FILED	STATUS	TITLE	APPLICATION NUMBER
		~			

*****		Dec 21, 2012	Pending	366 SYSTEM AND METHOD FOR GRAPH PATTERN ANALYSIS	13724366
				****	13723331
Mar 10, 2015	8978111	Dec 21, 2012	Issued	METHOD AND APPARATUS FOR USING SENSORS ON A PORTABLE	
		0ec 20, 2012	renung	318 METHOD	13722818
			renung		2C77/CT
		Dec 19, 2012	Allowed	384 SHARED MUBILE PAYMENTS	12722500
			-		13719747
Oct 14, 2014	8863175	Dec 19, 2012	Issued	METHOD AND SYSTEM FOR TARGETED COMMERCE IN NETWORK	
				565 PROVIDER	13717665
Jan 7, 2014	8626648	Dec 17, 2012	Issued	METHOD AND SYSTEM FOR USER SIGNUP BY A NETWORK SERVICE	
				13717097OF AN INTERNET WEB PAGE	1371709
	******	Dec 17, 2012	Pending	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT	
		Dec 13, 2012	Pending	268 REAL-TIME USER FEEDBACK	13714268
		Dec 13, 2012	Pending	102 REDEMPTION OF GIFT CARDS	13714102
Apr 21, 2015	9015066	Dec 13, 2012	Issued	13713986 DIGITAL WALLET LOADING	1371398
	****	Dec 13, 2012	Pending	13713280 SHARED POOLS FOR COMMON TRANSACTIONS	1371328
		Dec 13, 2012	Pending	13713219 SMART PHONE LOGIN USING QR CODE	1371321
				365 SHIPPING ADDRESS DETERMINATION BASED ON DEVICE LOCATION	13711365
		Dec 11, 2012	Pending		
		Dec 11, 2012	Allowed	287 SPELL CHECK USING COLUMN CURSOR	13711287
		Dec 7, 2012	Pending	13707732 METHOD AND APPARATUS FOR REPURCHASING ITEMS	1370773
				578 AUTOMOTIVE IDENTIFIERS	13706678
		Dec 6, 2012	Pending	USER IDENTIFICATION AND PERSONALIZATION BASED ON	
				197 FOR RELATED USERS	13706197
		Dec 5, 2012	Pending	SYSTEM AND METHODS TO FULFILL AN AGGREGATED ONLINE ODRER	
Nov 19, 2013	8589287	Dec 5, 2012	Issued	083 HYBRID ACCOUNT	13706083
		Dec 4, 2012	Pending	13693126 IN-STORE PRODUCT DETECTION SYSTEM	1369312
		Nov 30, 2012	Pending	13691454 AUCTION WITH INTEREST RATE BIDDING	1369149
				13689432 RADIO FREQUENCY IDENTIFICATION CIRCUITS	1368943
			******	PORTABLE MECHANICAL SWITCH FOR SELECTIVE DEACTIVATION OF	
		Nov 29, 2012	Allowed		
GRANT DATE	NUMBER	DATE FILED	STATUS		APPLICATION NUMBER
		-			

		Jan 30, 2013	Allowed	13754618 DAISY CHAIN DISTRIBUTION IN DATA CENTERS	13754
		Jan 30, 2013	Pending	13754064 TRIGGERING IN-APPLICATION CURRENCY TRANSFER	13754
		Jan 21, 2013	Pending	SYSTEM AND METHOD FOR COMMUNITY BASED CUSTOMIZATION 13746184 FOR A USER EXPERIENCE	13746
		Jan 9, 2013	Pending	13737515 SYSTEMS AND METHODS FOR FLEXIBLE MERCHANT PRICING	13737
				13735633 DATA FOR ACCESS AND/OR PUBLICATION VIA A COMPUTER SYSTEM	13735
	****		******	RENDER ENGINE, AND METHOD OF USING THE SAME, TO VERIFY	
May 20, 2014	8732826	Jan 7, 2013	Issued		
		Dec 31, 2012	Pending	13731626 STREAMLINED TRAVEL PAYMENTS	13731
		Dec 28, 2012	Pending	13730448 ELECTRONIC COUPON MANAGEMENT	13730
				13730435 OF AN INTERNET WEB PAGE	13730
		Dec 28, 2012	Pending	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT	
				13730399 OF AN INFORMATION DISPLAY	13730
Dec 31, 2013	8621002	Dec 28, 2012	lssued	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT	
				13729810 OF AN INTERNET WEB PAGE	13729
		Dec 28, 2012	Pending	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT	
Apr 14, 2015	9009802	Dec 27, 2012	Issued	13728926 AUTOMATIC PIN CREATION USING PASSWORD	13728
				13728836 OF AN INFORMATION DISPLAY	13728
Mar 18, 2014	8676886	Dec 27, 2012	Issued	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT	
				13727309 OF AN INFORMATION DISPLAY	13727
Dec 31, 2013	8621001	Dec 26, 2012	Issued	SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT	
		Dec 26, 2012	Pending	13726735 CONNECTION SYSTEM	13726
		Dec 21, 2012	Pending	13725889 DORMANT SHIPPING LABEL	13725
		Dec 21, 2012	Pending	13725764 METHOD AND SYSTEM TO PROVIDE INLINE SAVED SEARCHES	13725
		Dec 21, 2012	Pending	13725492 INSTANT DISPOSABLE PAYMENT CARD	13725
		Dec 21, 2012	Pending	13725307 LOCAL PRODUCT COMPARISON SYSTEM	13725
			******	13725275 NPUT	13725
		Dec 21, 2012	Pending	METHOD AND SYSTEM TO PROVIDE SMART TAGGING OF SEARCH	
		Dec 21, 2012	Pending	13724979 CONTEXTUAL BREADCRUMBS DURING NAVIGATION	13724
				13724409 CREATED CREDENTIAL	13724
		Dec 21, 2012	Pending	SYSTEMS AND METHODS FOR DETERMINING A STRENGTH OF A	
GRANT DATE	NUMBER	DATE FILED	STATUS	ION TITLE	NUMBER

		Mar 8, 2013	Pending	13791697 MOBILE DEVICE DISPLAY CONTENT BASED ON SHAKING THE DEVICE	137916
		Mar 8, 2013	Pending	13790691 CONCEALED PURCHASE HISTORY	137906
		Mar 8, 2013	Pending	13790523 INFERRED BUDGET	137905
		Mar 7, 2013	Pending	SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS 685 PROVIDING DESIGNATION OF MONEY WITH AN ACCOUNT	13788685
		Mar 7, 2013	Pending		13788527
		Mar 5, 2013	Pending	13785936 SOCIAL MEDIA MARKETPLACE	137859
				541 ACCOUNTS AT OTHER INSTITUTIONS	13784541
Mar 4, 2014	8666889	Mar 4, 2013	Issued	METHODS AND APPARATUS FOR FUNDING TRANSACTIONS USING DEBIT CARDS ISSUED BY ONE INSTITUTION AND FUNDS FROM	
Feb 18, 2014	8656459	Mar 1, 2013	Issued	13782919 MOBILE ANTI-PHISHING	137829
				13782715 NETWORKS	137827
		Mar 1, 2013	Pending	INFORMATION PROVISION THROUGH TEMPORARY SOCIAL	
		Feb 28, 2013	Pending	531 CUSTOMIZED USER EXPERIENCES	13781531
	-	Feb 22, 2013	Pending	13774736 MULTI-PLATFORM IN-APPLICATION PAYMENT SYSTEM	137747
		Feb 20, 2013	Pending	13772108 ONLINE PREPAID GIFT CARD IDENTIFICATION	137721
Feb 18, 2014	8655780	Feb 15, 2013	Issued	13768981 PERSON-TO-PERSON PAYMENTS: CONTEXTUAL SPENDING	137689
		Feb 15, 2013	Pending	13768485 PAYMENTS USING A RECIPIENT PHOTOGRAPH	137684
Jan 13, 2015	8935777	Feb 15, 2013	lssued	13768336 LOGIN USING QR CODE	137683
		Feb 13, 2013	Pending	13766212 NFC CARD VERIFICATION	137662
				13763476 POS	137634
		Feb 8, 2013	Pending	USING CREDIT CARD/BANK RAILS TO ACCESS A USER'S ACCOUNT AT A Pending	
				*****	13759786
		Feb 5, 2013	Allowed	SYSTEM AND METHODS TO CONFIGURE A QUERY LANGUAGE USING	
	*****	Feb 1, 2013	Pending	13757408 ADDING CARD TO MOBILE WALLET USING NFC	137574
		Feb 1, 2013	Allowed	13757314 AUTOMATICALLY EMAILING RECEIPT AT POS	137573
				595 ADS OR MESSAGES	13755595
		Jan 31, 2013	Pending	SYSTEM AND METHOD OF DISPLAYING TARGETED/PERSONALIZED	
	****			13755262 Environment and methods for enabling electronic transactions	137552
		Jan 31, 2013	Pending		
GRANT DATE	PATENT NUMBER	DATE FILED	STATUS	TITLE	APPLICATION
	1	T			

Mar 15, 2013
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Pending   Mar 14, 2013
Pending Mar 13, 2013
lssued   Mar 12, 2013
Pending Mar 12, 2013
Pending   Mar 11, 2013
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Issued Mar 11, 2013
Pending   Mar 11, 2013
STATUS DATE FILED
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