

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6651915

|   |                            |
|---|----------------------------|
| <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>  | 17227980                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
| <b>Fax Number:</b>  |                            |
| <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>Email:</b>   | paypaldocketing@maxval.com |
| <b>Correspondent Name:</b>  | PAYPAL, INC.               |
| <b>Address Line 1:</b>  | 2211 NORTH FIRST STREET    |
| <b>Address Line 4:</b>  | SAN JOSE, CALIFORNIA 95131 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | P966US4                    |
| <b>NAME OF SUBMITTER:</b>   | SARAH SEEWALD              |
| <b>SIGNATURE:</b>   | /Sarah Seewald/            |
| <b>DATE SIGNED:</b>   | 04/12/2021                 |
| <b>Total Attachments: 9</b>   |                            |
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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

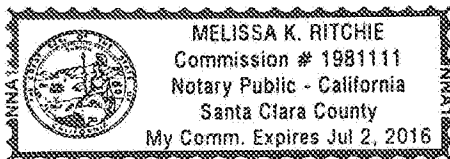
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA ) ss.

COUNTY OF SANTA CLARA )

Before me, the undersigned authority, on this 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



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

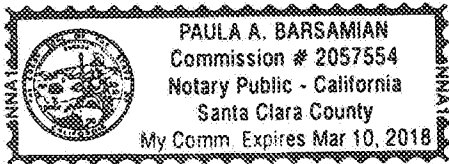
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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   |
|--------------------|--|---------|--------------|---------------|--------------|
| 12761272           | METHOD AND SYSTEM FOR REMOVING CHROME FROM A WEB PAGE  | Pending | Apr 15, 2010 |               |              |
|                    | METHODS AND APPARATUS FOR FUNDING TRANSACTIONS USING DEBIT CARDS ISSUED BY ONE INSTITUTION AND FUNDS FROM ACCOUNTS AT OTHER INSTITUTIONS | Issued  | Apr 20, 2010 | 8249987       | Aug 21, 2012 |
| 12763983           | SUMMARIZATION OF SHORT COMMENTS  | Issued  | Apr 23, 2010 | 8713017       | Apr 29, 2014 |
| 12766697           | FEEDBACK CANCELLATION IN A NETWORK-BASED TRANSACTION FACILITY  | Pending | May 10, 2010 |               |              |
| 12777144           | AUTHORIZATION AND CAPTURE WITH MULTIPLE CURRENCIES   | Pending | May 12, 2010 |               |              |
| 12778904           | METHOD AND SYSTEM TO AUTOMATICALLY GENERATE CLASSES FOR AN OBJECT TO RELATIONAL MAPPING SYSTEM   | Issued  | May 19, 2010 | 8046376       | Oct 25, 2011 |
| 12783452           | METHOD AND SYSTEM TO VERIFY A TRANSACTION  | Pending | May 24, 2010 |               |              |
| 12786393           | METHOD AND SYSTEM FOR DETECTING SLOW PAGE LOAD   | Pending | Jun 2, 2010  |               |              |
| 12792560           | UNIFIED SUBSCRIPTION SYSTEM AND METHOD FOR REWARDING LOCAL SHOPPER LOYALTY AND PLATFORM FOR TRANSITIONING PUBLISHERS                     | Pending | Jun 8, 2010  |               |              |
| 12796619           | MULTICURRENCY EXCHANGES BETWEEN PARTICIPANTS OF A NETWORK-BASED TRANSACTION FACILITY   | Issued  | Jun 18, 2010 | 8055582       | Nov 8, 2011  |
| 12818935           | SYSTEM AND METHOD TO PERFORM DATA INDEXING IN A TRANSACTION PROCESSING ENVIRONMENT   | Issued  | Jun 18, 2010 | 7966283       | Jun 21, 2011 |
| 12818992           | Pay Group  | Pending | Jun 18, 2010 |               |              |
| 12819036           | SYSTEMS AND METHODS FOR FACILITATING CARD VERIFICATION OVER A NETWORK  | Pending | Jun 21, 2010 |               |              |
| 12819774           | ELECTRONIC ENDOREMENT OF CHECK IMAGES  | Issued  | Jun 23, 2010 | 7983984       | Jul 19, 2011 |
| 12821462           | PAYMENT LINK   | Issued  | Jun 29, 2010 | 8719156       | May 6, 2014  |
| 12826336           | INLINE LINK PAYMENT  | Pending | Jun 30, 2010 |               |              |
| 12827882           | FEES AND FOREIGN CURRENCY EXCHANGE CALCULATION   | Issued  | Jun 30, 2010 | 8831986       | Sep 9, 2014  |
| 12828013           | AUTOMATED FAILURE RECOVERY OF SUBSYSTEMS IN A MANAGEMENT SYSTEM  | Issued  | Jul 7, 2010  | 9009521       | Apr 14, 2015 |
| 12831929           | PUBLICATION SYSTEM INITIATED VALUE TRANSFER  | Pending | Jul 8, 2010  |               |              |
| 12832861           | APPLICATION PLATFORM WITH FLEXIBLE PERMISSIONING   | Issued  | Aug 2, 2010  | 8775618       | Jul 8, 2014  |
| 12848533           |  |         |              |               |              |

| APPLICATION NUMBER | TITLE  | STATUS  | DATE FILED   | PATENT NUMBER | GRANT DATE   |
|--------------------|--|---------|--------------|---------------|--------------|
| 12848840           | METHOD AND APPARATUS TO AUTHENTICATE AND AUTHORIZE USER ACCESS TO A SYSTEM   | Issued  | Aug 2, 2010  | 8478989       | Jul 2, 2013  |
| 12848895           | METHOD AND SYSTEM TO DETECT HUMAN INTERACTION WITH A COMPUTER  | Issued  | Aug 2, 2010  | 8341699       | Dec 25, 2012 |
| 12849882           | SYSTEM FOR PROCESSING INSURANCE COVERAGE REQUESTS  | Issued  | Aug 4, 2010  | 8140360       | Mar 20, 2012 |
| 12855603           | SYSTEM AND METHOD FOR MULTI-CURRENCY TRANSACTIONS GENERATING A PREDICTION FUNCTION USING A REDUCED NUMBER OF FACTORS (as amended)      | Issued  | Aug 12, 2010 | RE44502       | Sep 17, 2013 |
| 12870334           | INSTRUCTIONAL INTERFACE MACHINE  | Pending | Aug 27, 2010 |               |              |
| 12870996           |  | Pending | Aug 30, 2010 |               |              |
| 12871766           | PAYMENT SERVICE TO EFFICIENTLY ENABLE ELECTRONIC PAYMENT   | Issued  | Aug 30, 2010 | 7930247       | Apr 19, 2011 |
| 12872575           | CURRENCY WEIGHTED CROSS BORDER LISTING EXPOSURE  | Issued  | Aug 31, 2010 | 8429020       | Apr 23, 2013 |
| 12874017           | METHOD AND SYSTEM TO FACILITATE BILLING OF EMBEDDED APPLICATIONS IN A SERVING PLATFORM   | Pending | Sep 1, 2010  |               |              |
| 12874956           | GENERATING A SEARCH RESULT RANKING FUNCTION  | Pending | Sep 2, 2010  |               |              |
| 12874962           | CONFIGURABLE INTERFACES  | Pending | Sep 2, 2010  |               |              |
| 12875855           | TRANSACTION AGGREGATION ENGINE   | Pending | Sep 3, 2010  |               |              |
| 12877939           | BEHAVIORAL STOCHASTIC AUTHENTICATION (BSA)   | Pending | Sep 8, 2010  |               |              |
| 12879803           | ONLINE QUICK KEY PAY   | Issued  | Sep 10, 2010 | 8762241       | Jun 24, 2014 |
| 12886959           | TRANSACTION SPLIT FEES   | Issued  | Sep 21, 2010 | 8504433       | Aug 6, 2013  |
| 12887051           | SYSTEM AND METHOD FOR DYNAMICALLY CHANGING THE CONTENT OF AN INTERNET WEB PAGE   | Issued  | Sep 21, 2010 | 8176119       | May 8, 2012  |
| 12887233           | PAYMENT SERVICE PROVISION WITH REDUCED TRANSACTION COSTS   | Issued  | Sep 21, 2010 | 8600825       | Dec 3, 2013  |
| 12891192           | IDENTIFIER-BASED CHARGE ON DELIVERY TRANSACTION  | Issued  | Sep 27, 2010 | 8234176       | Jul 31, 2012 |
| 12891537           | ONLINE HELP SYSTEM USING SESSION DETAILS   | Pending | Sep 27, 2010 |               |              |
| 12891687           | INSTANT FINANCIAL ACCOUNT VERIFICATION USING DIRECT CONNECT DATA COMMUNICATION PROTOCOL AND OPEN FINANCIAL EXCHANGE DATA-STREAM FORMAT | Pending | Sep 27, 2010 |               |              |
| 12892234           | TRANSACTIONS BY FLICKING   | Pending | Sep 28, 2010 |               |              |
| 12893224           | OFFLINE TO ONLINE PAYMENT  | Pending | Sep 29, 2010 |               |              |
| 12895308           | AUTOMATIC FORM FILLING   | Pending | Sep 30, 2010 |               |              |



| APPLICATION NUMBER | TITLE  | STATUS    | DATE FILED   | PATENT NUMBER | GRANT DATE   |
|--------------------|--|-----------|--------------|---------------|--------------|
| 12895409           | LOCATION BASED TRANSACTIONS  | Pending   | Sep 30, 2010 |               |              |
| 12901275           | METHOD AND SYSTEM FOR A TRANSPARENT APPLICATION OF MULTIPLE QUERIES ACROSS MULTIPLE DATA SOURCES | Issued    | Oct 8, 2010  | 8176040       | May 8, 2012  |
| 12907524           | AUTOMATIC DATA ADJUSTMENT BASED ON DATABASE SCHEMAS  | Issued    | Oct 19, 2010 | 8606824       | Dec 10, 2013 |
| 12916198           | TRAFFIC DRIVER FOR SUGGESTING STORES   | Issued    | Oct 29, 2010 | 8819052       | Aug 26, 2014 |
| 12925619           | TRANSACTIONS ASSOCIATED WITH A MOBILE DEVICE   | Issued    | Oct 26, 2010 | 8645213       | Feb 4, 2014  |
| 12939936           | ONLINE FRAUD PREVENTION USING GENETIC ALGORITHM SOLUTION   | Issued    | Nov 4, 2010  | 8321341       | Nov 27, 2012 |
| 12941944           | MOBILE DEVICE COMMUNICATION SYSTEM   | Pending   | Nov 8, 2010  |               |              |
| 12944546           | METHOD AND SYSTEM FOR FACILITATING SHIPPING VIA A THIRD PARTY PAYMENT SERVICE                    | Pending   | Nov 11, 2010 |               |              |
| 12945579           | SYSTEM AND METHOD FOR LOCATION BASED CONTENT CORRELATION   | Issued    | Nov 12, 2010 | 8856038       | Oct 7, 2014  |
| 12948599           | WEIGHTED REQUEST RATE LIMITING FOR RESOURCES   | Allowed   | Nov 17, 2010 |               |              |
| 12949352           | METHOD, MEDIUM, AND SYSTEM FOR MANAGING RECOMMENDATIONS IN AN ONLINE MARKETPLACE                 | Issued    | Nov 18, 2010 | 8671029       | Mar 11, 2014 |
| 12953305           | ONLINE LOGO TOOL   | Issued    | Nov 23, 2010 | 8977973       | Mar 10, 2015 |
| 12959254           | TRUST BASED TRANSACTION SYSTEM   | Pending   | Dec 2, 2010  |               |              |
| 12963366           | Methods and Systems for Digital Coupon Redemption  | Pending   | Dec 8, 2010  |               |              |
| 12966212           | PAYMENT SYSTEM USING SPENDING GATES  | Abandoned | Dec 13, 2010 |               |              |
| 12966577           | SHOPPING CONTEXT ENGINE  | Issued    | Dec 13, 2010 | 8180800       | May 15, 2012 |
| 12969349           | FUNDING ON-LINE ACCOUNTS   | Pending   | Dec 15, 2010 |               |              |
| 12970719           | SYSTEMS AND METHODS FOR AUTHENTICATING PAYMENTS OVER A NETWORK                                   | Pending   | Dec 16, 2010 |               |              |
| 12970807           | Method And System For Completing A Transaction Between A Customer And A Merchant                 | Issued    | Dec 16, 2010 | 8,095,445     | Jan 10, 2012 |
| 12972311           | IDENTIFYING PURCHASE PATTERNS AND MARKETING BASED ON USER MOOD                                   | Pending   | Dec 17, 2010 |               |              |
| 12972351           | ITEM PREVIEW WITH AGGREGATION TO A LIST  | Pending   | Dec 17, 2010 |               |              |
| 12972363           | SEARCH HISTORY NAVIGATION  | Pending   | Dec 17, 2010 |               |              |
| 12973143           | PAYMENT SYSTEM USING IMAGES  | Pending   | Dec 20, 2010 |               |              |

| APPLICATION NUMBER | TITLE   | STATUS    | DATE FILED   | PATENT NUMBER | GRANT DATE   |
|--------------------|---|-----------|--------------|---------------|--------------|
| 12974278           | EFFICIENT TRANSACTIONS AT A POINT OF SALE LOCATION                                | Pending   | Dec 21, 2010 |               |              |
| 12976404           | BILL SPLITTING SYSTEM   | Pending   | Dec 22, 2010 |               |              |
| 12982816           | Instant Bank Transfers  | Pending   | Dec 30, 2010 |               |              |
| 12982828           | REAL-TIME GLOBAL FUND TRANSFERS   | Pending   | Dec 30, 2010 |               |              |
| 12983095           | VISUAL TRANSACTIONS   | Pending   | Dec 31, 2010 |               |              |
| 12983760           | SYSTEMS AND METHODS FOR ATTRIBUTE-BASED SEARCH FILTERING                          | Pending   | Jan 3, 2011  |               |              |
| 13005408           | ECONOMIC OPTIMIZATION FOR PRODUCT SEARCH RELEVANCY                                | Abandoned | Jan 12, 2011 |               |              |
| 13011324           | INTEGRATION OF eCOMMERCE FEATURES INTO SOCIAL NETWORKING PLATFORM                 | Pending   | Jan 21, 2011 |               |              |
| 13019847           | METHOD AND SYSTEM TO PRE-FETCH DATA IN A NETWORK                                  | Issued    | Feb 2, 2011  | 8169443       | May 1, 2012  |
| 13026909           | CUSTOM CACHING  | Issued    | Feb 14, 2011 | 8301590       | Oct 30, 2012 |
| 13026922           | PAYMENT SYSTEM WITH LOCATION RESTRICTIONS   | Pending   | Feb 14, 2011 |               |              |
| 13028014           | SYSTEMS AND METHODS FOR FACILITATING USER CONFIDENCE OVER A NETWORK               | Pending   | Feb 15, 2011 |               |              |
| 13032338           | MULTI-QUANTITY FIXED PRICE REFERRAL SYSTEMS AND METHODS                           | Pending   | Feb 22, 2011 |               |              |
| 13032741           | PIN-BASED PAYMENT CONFIRMATION  | Pending   | Feb 23, 2011 |               |              |
| 13033296           | SYSTEMS AND METHODS FOR FACILITATING PAYMENT RECONCILIATION OVER A NETWORK        | Pending   | Feb 23, 2011 |               |              |
| 13035251           | LOCATION-BASED AUTOMATIC PAYMENT SYSTEM   | Pending   | Feb 25, 2011 |               |              |
| 13035542           | Secure Randomized Input   | Issued    | Feb 25, 2011 | 8731197       | May 20, 2014 |
| 13039880           | GIFT TRANSACTIONS VIA A CLIENT DEVICE   | Pending   | Mar 3, 2011  |               |              |
| 13044096           | RFID PAYMENT SYSTEM   | Issued    | Mar 9, 2011  | 8788411       | Jul 22, 2014 |
| 13046079           | VISUALIZATION OF ACCESS INFORMATION   | Pending   | Mar 11, 2011 |               |              |
| 13050827           | METHOD AND PROCESS OF USING A SOCIAL NETWORK TO RETARGET A PERSONAL ADVERTISEMENT | Pending   | Mar 17, 2011 |               |              |
| 13051811           | ON-DEMAND IMAGE SPRITING  | Pending   | Mar 18, 2011 |               |              |
| 13070236           | CUSTOMER REFUNDS USING PAYMENT SERVICE PROVIDERS                                  | Pending   | Mar 23, 2011 |               |              |
| 13070253           | METHOD AND SYSTEM OF BUILDING STORE PRODUCT FINDERS                               | Pending   | Mar 23, 2011 |               |              |

| APPLICATION NUMBER | TITLE  | STATUS  | DATE FILED   | PATENT NUMBER | GRANT DATE   |
|--------------------|--|---------|--------------|---------------|--------------|
| 13070382           | METADATA DRIVEN METHODS AND SYSTEMS TO PROCESS FINANCIAL DATA  | Pending | Mar 23, 2011 |               |              |
| 13073553           | TRANSACTIONS VIA A USER DEVICE IN THE PROXIMITY OF A SELLER  | Issued  | Mar 28, 2011 | 8473371       | Jun 25, 2013 |
| 13073722           | FRIENDLY FUNDING SOURCE  | Pending | Mar 28, 2011 |               |              |
| 13073799           | SIMPLIFIED ORDERS USING WORDS OR PHRASES   | Issued  | Mar 28, 2011 | 8396753       | Mar 12, 2013 |
| 13076057           | DEVICE SPECIFIC REMOTE DISABLING OF APPLICATIONS   | Pending | Mar 30, 2011 |               |              |
| 13077489           | ONLINE PAYMENT FOR OFFLINE PURCHASE  | Pending | Mar 31, 2011 |               |              |
| 13077535           | AUTHENTICATING ONLINE USERS WITH DISTORTED CHALLENGES BASED ON TRANSACTION HISTORIES                 | Issued  | Mar 31, 2011 | 8793760       | Jul 29, 2014 |
| 13078677           | FLOW TRACING THROUGH DIVERSE LOGICAL AND PHYSICAL APPLICATION AND INFRASTRUCTURE LAYERS/DEPENDENCIES | Pending | Apr 1, 2011  |               |              |
| 13084356           | METHODS AND SYSTEMS FOR MERCHANDISING PRODUCTS IN BUNDLES IN AN ONLINE MARKETPLACE                   | Allowed | Apr 11, 2011 |               |              |
| 13093308           | REVERSE PAYMENT FLOW   | Pending | Apr 25, 2011 |               |              |

PATENT

REEL: 036169 FRAME: 0719

RECORDED: 07/23/2015