

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7009097

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARCUS SHELKSOHN	07/11/2018
FERNANDO VILLARREAL	09/22/2014
KHASHAYAR DEHDASHTINEJAD	07/11/2018
MATTHEW WOLF	07/10/2018
JORDAN SPRINGSTROH	07/11/2018
JONATHAN ZHANG	07/10/2018
YUQUAN YANG	02/12/2020
XIAOMING ZHANG	02/06/2020
ZORAN DUKIC	09/16/2018
RECEIVING PARTY DATA	
Name:	EBAY INC.
Street Address:	2025 HAMILTON AVENUE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95125
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17516781
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	2043.M41US4
NAME OF SUBMITTER:	CATINA JENSEN
SIGNATURE:	/CaTina Jensen/

DATE SIGNED:	11/05/2021
Total Attachments: 20 source=2043M41US4_ASSN#page1.tif source=2043M41US4_ASSN#page2.tif source=2043M41US4_ASSN#page3.tif source=2043M41US4_ASSN#page4.tif source=2043M41US4_ASSN#page5.tif source=2043M41US4_ASSN#page6.tif source=2043M41US4_ASSN#page7.tif source=2043M41US4_ASSN#page8.tif source=2043M41US4_ASSN#page9.tif source=2043M41US4_ASSN#page10.tif source=2043M41US4_ASSN#page11.tif source=2043M41US4_ASSN#page12.tif source=2043M41US4_ASSN#page13.tif source=2043M41US4_ASSN#page14.tif source=2043M41US4_ASSN#page15.tif source=2043M41US4_ASSN#page16.tif source=2043M41US4_ASSN#page17.tif source=2043M41US4_ASSN#page18.tif source=2043M41US4_ASSN#page19.tif source=2043M41US4_ASSN#page20.tif	

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 2043.M41US4

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Marcus Shelksohn, Fernando Villarreal, Khashayar
Dehdashtinejad, Matthew Wolf, Jordan Springstroh,
Jonathan Zhang, Yuquan Yang, Xiaoming Zhang, Zoran
Dukic

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: July 11, 2018, September 22, 2014, July
11, 2018, July 10, 2018, July 11, 2018, July 10, 2018,
February 12, 2020, February 6, 2020, September 16,
2018

2. Name and address of receiving party(ies):

Name: eBay Inc.

Street Address: 2025 Hamilton Avenue

City: San Jose State: California Zip: 95125

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes
☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 17/516,781

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Anthony J. Josephson

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy
of the original document.

Anthony J. Josephson/Reg. No. 45,742

Name of Person Signing

/Anthony J. Josephson/

Signature

November 4, 2021

Date

Total number of pages including cover sheet: 20

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 058029 FRAME: 0561

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA
Docket Number	E1559.10069US02

As the below named inventor, I hereby declare that:

This declaration is directed to: ☐ The attached application, or
☒ United States application or PCT international application number
15/474,964 filed on March 30, 2017.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, EBAY INC. (hereinafter referred to as "ASSIGNEE") having a place of business at: 2145 Hamilton Avenue, San Jose, California 95125, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;

I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;

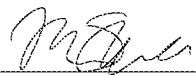
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and

Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries

LEGAL NAME OF INVENTOR:

Inventor: Marcus Shelksohn

Date: 7/11/2018

Signature: 

MASCHOFF BRENNAN, PLLC
1389 Center Drive, SUITE 300
PARK CITY, UTAH 84098, USA

PATENT
REEL: 058029 FRAME: 0562

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LEGAL NAME OF INVENTOR:

Inventor: Khashayar Dehdashinejad Date: 7, 11, 18

Signature: 

MASCHOFF BRENNAN, PLLC
1389 Center Drive, SUITE 300
PARK CITY, UTAH 84098, USA

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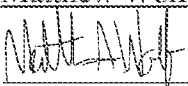
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LEGAL NAME OF INVENTOR:	
Inventor:	<u>Matthew Wolf</u>
Signature:	
Date:	<u>7/16/2019</u>

MASCHOFF BRENNAN, PLLC
1389 Center Drive, SUITE 300
PARK CITY, UTAH 84098, USA

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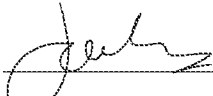
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LEGAL NAME OF INVENTOR:	
Inventor:	<u>Jordan Springstroh</u>
	Date: <u>07/11/18</u>
Signature:	

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1389 Center Drive, SUITE 300
PARK CITY, UTAH 84098, USA

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LEGAL NAME OF INVENTOR:	
Inventor: <u>Jonathan Zhang</u>	Date: <u>07/10/2018</u>
Signature: 	

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PARK CITY, UTAH 84098, USA

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LEGAL NAME OF INVENTOR:

Inventor: Zoran Dukic

Date: 9/16/18

Signature: 

MASCHOFF BRENNAN, PLLC
1389 Center Drive, SUITE 300
PARK CITY, UTAH 84098, USA

PATENT

REEL: 058029 FRAME: 0567

EBAY INC.

EMPLOYEE PROPRIETARY INFORMATION
AND INVENTIONS AGREEMENT

In consideration of my employment or continued employment by eBay Inc. and all current, past and future subsidiaries, affiliated companies and/or successors (including without limitation all direct and indirect subsidiaries such as PayPal, Inc., Shopping.com, Inc., any subsidiary of GSI Commerce Inc., etc.) (each, including eBay, an "eBay Company" and collectively the "eBay Companies"), and the compensation now and hereafter paid to me, I hereby agree as follows.

1. DEFINITIONS

1.1 **Inventions.** The term "Inventions" means any invention (whether or not patentable) or work of authorship, including without limitation any and all ideas, concepts, information, improvements, discoveries, developments, designs, formulae, materials, processes, procedures, techniques (including manufacturing processes, procedures, and techniques), mask works, know-how, artwork, data, programs, prototypes, pseudo-code, software, source and object codes, and any other works of authorship or other copyrightable or patentable works.

1.2 **Proprietary Information.** The term "Proprietary Information" shall mean any and all confidential and/or proprietary knowledge, data or information and all trade secrets of any eBay Company including without limitation, information related to an eBay Company's business or its actual or demonstrably anticipated research or development. By way of illustration but not limitation, Proprietary Information includes (a) inventions; (b) information regarding products, plans for research and development, marketing, selling, market research and analysis, business, business plans, strategies, technology, technical plans, financial information, budgets, unpublished financial statements, contracts, licenses, legal work product or privileged communications, prices, costs, suppliers, developers, distributors, vendors, users, and customers; (c) data and all information derived from data such as user information and information about consumer habits; (d) all business practices and plans developed from such data or information; (e) information regarding the skills, responsibilities and compensation of eBay Company employees, contractors and other service providers; and (f) the existence and content of any business, technical, strategic and/or financial discussions, negotiations, or agreements between an eBay Company and any other party. Proprietary Information does not include information that is already in the public domain (other than through breach of this Agreement or other misconduct).

1.3 **Intellectual Property Rights.** The term "Intellectual Property Rights" means all patents

and applications, copyrights, service and/or trademarks, trade dress, trade secrets, mask work rights, and all other intellectual property rights recognized by the laws of any jurisdiction or country.

2. CONFIDENTIALITY

2.1 **Recognition of eBay Company Rights; Nondisclosure.** At all times during my employment and thereafter, I will hold in strictest confidence and will not disclose, use, lecture upon or publish any eBay Company's Proprietary Information, except as such disclosure or use is required in connection with my work for the eBay Company that employs me (the "Company"), unless in advanced expressly authorized by an officer of the Company in writing. I will obtain the Company's written approval before publishing or submitting for publication any material (written, verbal, or otherwise) that relates to my work at any eBay Company and/or incorporates any Proprietary Information. The foregoing obligation will not apply if I am subject to a court order or subpoena lawfully issued by a court of competent jurisdiction compelling me to disclose Proprietary Information; provided, however, that in such event I will immediately provide a copy of such court order or subpoena to the Company's Legal Department and will cooperate with the Company to minimize the extent of any disclosure. I hereby assign to the Company any rights I may have or acquire in any and all Proprietary Information and recognize that all Proprietary Information shall be the sole and exclusive property of the Company and its assigns.

2.2 **Third Party Information.** I understand, in addition, that the eBay Companies have received and in the future will receive from third parties confidential or proprietary information ("Third Party Information") subject to a duty on such eBay Company's part to maintain the confidentiality of such information and to use it only for certain limited purposes. During the term of my employment and thereafter, I will hold Third Party

information in the strictest confidence and will not disclose to anyone (other than the Company personnel who need to know such information in connection with their work for the Company) or use, except in connection with my work for the Company, Third Party Information, unless expressly authorized by an officer of the Company in writing.

2.3 No Improper Use of Information of Prior Employers and Others. During my employment by the Company, I will not improperly use or disclose any confidential information or trade secrets, if any, of any former employer or other third party to whom I have an obligation of confidentiality, and I will not bring onto the premises of the Company or use or disclose any unpublished documents or any property belonging to any former employer or other third party to whom I have an obligation of confidentiality unless consented to in writing by that former employer or other third party. I will use in the performance of my duties only information which is generally known and used by persons with training and experience comparable to my own, which is common knowledge in the industry or otherwise legally in the public domain, or which is otherwise provided or developed by an eBay Company.

3. ASSIGNMENT OF INVENTIONS.

3.1 Prior Inventions; Third Party Software Licenses. I have disclosed on Exhibit A (Prior Inventions) attached hereto a complete and accurate list of all Inventions that I have, or I have caused to be, alone or with others, conceived, developed, made, or reduced to practice prior to the commencement of my employment by the Company, any other eBay Company, or any affiliates or predecessors, in which I or a third party have or purport to have any ownership interest in or a license to use and wish to have excluded from the scope of this Agreement (collectively referred to as "**Prior Inventions**"). If disclosure of any such Prior Invention would cause me to violate any prior confidentiality agreement, I understand that I am not to list such Prior Inventions in Exhibit A but am only to disclose a cursory name for each such invention, a listing of the party(ies) to whom it belongs and the fact that full disclosure as to such inventions has not been made for that reason. A space is provided on Exhibit A for such purpose. If no such disclosure is attached or no Prior Inventions are listed in Exhibit A, I represent and warrant that there are no Prior Inventions. If, in the course of my employment with the Company, I incorporate a Prior Invention into any eBay Company product, process, machine or other work, I hereby grant the Company a non-exclusive, perpetual, fully paid-up and royalty-free, irrevocable

and worldwide license (with rights to sublicense through multiple levels of sublicensees) to reproduce, make derivative works of, distribute, publicly perform, and publicly display in any form or medium, whether now known or later developed, make, have made, modify, use, sell, import, offer for sale, and exercise any and all present or future rights in, such Prior Invention. Notwithstanding the foregoing, I agree that I will not incorporate, or permit to be incorporated, Prior Inventions in any eBay Company's Company Inventions without the express prior written consent of the legal department of eBay Inc. In addition, I agree that I will not incorporate into any eBay Company software or otherwise deliver to any eBay Company any software code licensed under the AGPL, GNU GPL or LGPL or any other license that, by its terms, requires or conditions the use or distribution of such code on the disclosure, licensing, or distribution of any source code owned or licensed by the eBay Company without the express prior written consent of the legal department of eBay Inc.

3.2 Assignment of Inventions. Subject to the section titled "Government or Third Party," except for Inventions that I can prove qualify fully under Section 2870 of the California Labor Code (or an otherwise applicable analogous law in another jurisdiction) (hereinafter "**Section 2870**") or that I have set forth on Exhibit A, I hereby assign and agree to assign in the future (when any such Inventions or Intellectual Property Rights are first conceived, reduced to practice, or first fixed in a tangible medium, as applicable) to the Company all my right, title and interest in and to any and all Inventions (and all Intellectual Property Rights with respect thereto), whether or not patentable or registrable under the Copyright Act or similar statutes, made, conceived, reduced to practice or learned by me, either alone or with others, during the period of my employment by the Company (including any other eBay Company and its and their affiliates and predecessors). Inventions assigned to the Company, or to a third party as directed by the Company pursuant to the section titled "Government or Third Party," are hereinafter referred to in this Agreement as "**Company Inventions**." I have reviewed the notification on Exhibit B (Limited Exclusion Notification) and agree that my signature acknowledges receipt of the notification.

3.3 Government or Third Party. I also agree to assign all my right, title and interest in and to any particular Company Invention to a third party, including without limitation the United States, as directed by the Company.

3.4 Obligation to Keep the Company Informed. During the period of my employment and

for six (6) months thereafter, I will promptly disclose to the Company fully and in writing all inventions authored, conceived or reduced to practice by me, either alone or with others, including any that might be covered under Section 2870. In addition, during the period of my employment and for one (1) year thereafter, I will promptly disclose to the Company fully and in writing all patent applications filed by me, on my behalf, or in which I am named as an inventor or co-inventor, by sending the disclosure to the attention of the patent team of the Company. At the time of each disclosure under this paragraph, I will advise the Company in writing of any inventions that I believe fully qualify for protection under Section 2870; and I will at that time provide to the Company in writing all evidence necessary to substantiate that belief. The Company will keep in confidence any confidential information disclosed in writing by me to the Company pursuant to this Agreement relating to inventions that qualify fully for protection under the provisions of Section 2870. I will preserve the confidentiality of any invention that does not fully qualify for protection under Section 2870.

3.5 Works for Hire. I acknowledge that all original works of authorship which are made by me (solely or jointly with others) within the scope of my employment and which are protectable by copyright are "works made for hire," pursuant to United States Copyright Act (17 U.S.C., Section 101).

3.6 Assignment of Work Product. I hereby assign and agree to assign in the future to the Company ownership of all right, title and interest in and to any and all work product, including all Intellectual Property Rights contained therein, made or created by me pursuant to this Agreement that are not covered by the sections titled "Assignment of Inventions" and "Works for Hire" above, if any. All works made for hire and all work product assigned to the Company pursuant to the sections titled "Works for Hire" and "Assignment of Work Product" are hereinafter referred to as "**Company Works**."

3.7 Enforcement of Intellectual Property Rights. During the period of my employment and thereafter, I will assist the Company in every proper way to obtain and enforce United States and foreign Intellectual Property Rights (including Intellectual Property Rights relating to Company Inventions and Company Works) in any and all countries. To that end, I will execute, verify and deliver such documents and perform such other acts (including appearances as a witness) as the Company may reasonably request for use in applying for, obtaining, perfecting, evidencing, sustaining and enforcing such Intellectual Property Rights and the

assignment thereof. In addition, I will execute, verify and deliver all documents and other instruments necessary to effectuate such assignments of such Intellectual Property Rights to the Company or its designee. My obligation to assist the Company with respect to Intellectual Property Rights relating to Company Inventions and Company Works in any and all countries shall continue beyond the termination of my employment, but the Company shall compensate me at a reasonable rate after my termination for the time actually spent by me at the Company's request on such assistance.

3.8 Appointment of the Company as Attorney-in-Fact. In the event the Company is unable for any reason, after reasonable effort, to secure my signature on any document needed in connection with the actions specified in the preceding paragraph, I hereby irrevocably designate and appoint the Company and its duly authorized officers and agents as my agent and attorney in fact, which appointment is coupled with an interest, to act for, in, and on my behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of the preceding paragraph with the same legal force and effect as if executed by me.

3.9 Artist's and Moral Rights. If I have any rights in any Company Works or Company Inventions, including without limitation "artist's rights" or "moral rights," that cannot be assigned pursuant to this Agreement, I hereby unconditionally and irrevocably waive enforcement worldwide of such rights against the Company (and its licensees), and agree, at the Company's expense and request, to consent to and join in any action to enforce such rights. In the event that I have any such rights that cannot be assigned or waived, I hereby unconditionally and irrevocably grant to the Company an exclusive, worldwide, irrevocable, fully paid-up and royalty-free perpetual license (with rights to sublicense through multiple levels of sublicensees) to use, reproduce, distribute, create derivative works of, publicly perform and publicly display in any medium or form, whether now known or later developed, make, have made, modify, use, sell, import, offer for sale, and exercise any and all present or future rights in, such Company Works and Company Inventions.

3.10 Waiver of Claims for Infringement. I hereby waive and quitclaim to the Company any and all claims, of any nature whatsoever, which I now or may hereafter have for ownership and/or infringement of any Intellectual Property Rights assigned hereunder to the Company.

4. **RECORDS.** I agree to keep and maintain adequate and current records (in the form of notes, sketches, drawings and in any other form that may be required by the Company) of all Proprietary Information developed by me and all Inventions and Company Works made by me during the period of my employment at the Company, which records shall be available to and remain the sole property of the Company at all times.

5. **ADDITIONAL ACTIVITIES.** I agree that, during my employment with the Company, I will not, without the Company's express written consent, engage in any employment or business activity, either directly or indirectly, alone or as a partner, joint venturer, officer, director, employee, consultant, agent, or independent contractor of any company or business, that is competitive with the Company or another eBay Company or would otherwise conflict with or impair the interests of the eBay Companies or my employment by the Company. I also agree that I will abide by the Company's policy with respect to use of the Company's resources for non-work purposes.

6. **NON-SOLICITATION OF EBAY COMPANY EMPLOYEES, CONSULTANTS AND INDEPENDENT CONTRACTORS, CUSTOMERS, USERS, BUSINESS PARTNERS, ETC.** I agree that during my employment with the Company and for one (1) year after the date of the termination of my employment, I will not, without the Company's express written consent, directly or indirectly, encourage, induce or solicit, or attempt to encourage, induce or solicit, any actual or prospective employee, independent contractor or consultant of an eBay Company not to enter into or to terminate his, her or its relationship with an eBay Company or to become an employee, consultant or independent contractor to or for any other person or entity other than an eBay Company. As part of this restriction, I agree I will not interview or provide any input to any third party in connection with the encouragement, inducement or solicitation of any such person or entity. However, this obligation shall not affect any responsibility I may have as an employee of the Company with respect to the bona fide hiring and/or termination of eBay Company employees, consultants and independent contractors. I further agree that, during my employment, I will not disrupt, damage, impair or interfere with the business of the Company, whether by way of disrupting its relationships with customers, users, business partners, agents, representatives, developers, distributors, suppliers, or vendors or otherwise, or, at any time, take such actions by means of any use of Proprietary Information, any other breach of this Agreement, or any other wrongful conduct.

7. **NO CONFLICTING OBLIGATION.** I represent

that my performance of all the terms of this Agreement and as an employee of the Company does not and will not breach any agreement with any former employer or other third party, including any noncompete agreement or any agreement to keep in confidence information acquired by me in confidence or in trust prior to my employment by the Company. I further represent that I have not entered into, and I agree I will not enter into, any agreement, either written or oral, in conflict herewith.

8. **RETURN OF COMPANY PROPERTY.** Upon termination of my employment or upon the Company's request at any other time, I will deliver to the Company any and all of the Company's (and any other eBay Company's) property, equipment, drawings, notes, memoranda, specifications, devices, formulas, and documents, together with all copies thereof, and any other material containing or disclosing any Inventions, Company Works, Third Party Information or Proprietary Information of the Company (or any other eBay Company), and certify in writing that I have fully complied with the foregoing obligation. I agree that I will not copy, delete, or alter any information (including but not limited to any information contained upon my Company computer) before I return it to the Company. I further agree that any property situated on the premises of and owned by any eBay Company (including without limitation disks and other storage media, filing cabinets or other work areas) is subject to inspection by personnel of that eBay Company or its agents at any time with or without notice. Prior to leaving, I will cooperate with the Company in attending an exit interview and completing and signing the Company's termination statement.

9. **LEGAL AND EQUITABLE REMEDIES.** I acknowledge that, because my services are personal and unique and/or because I may have access to and become acquainted with the Proprietary Information of the eBay Companies, any breach of this Agreement by me would cause irreparable injury for which monetary damages would not be an adequate remedy and, therefore, the Company shall have the right to enforce this Agreement and any of its provisions by injunction, specific performance or other equitable relief (without bond and without prejudice to the fullest extent permitted by law). The rights and remedies provided to each party in this Agreement are cumulative and in addition to any other rights and remedies available to such party at law or in equity.

10. **NOTICES.** Each party must deliver all notices or other communications required or permitted under this Agreement in writing to the other party at the

address listed on the signature page, by courier, by certified or registered mail (postage prepaid and return receipt requested), or by a nationally-recognized express mail service. Notice will be effective upon receipt or refusal of delivery. If delivered by certified or registered mail, any such notice will be considered to have been given five (5) business days after it was mailed, as evidenced by the postmark. If delivered by courier or express mail service, any such notice shall be considered to have been given on the delivery date reflected by the courier or express mail service receipt. Each party may change its address for receipt of notice by giving notice of such change to the other party.

11. NOTIFICATION OF NEW EMPLOYER. In the event that I leave the employ of the Company, I hereby consent to the notification of my new employer of my rights and obligations under this Agreement, by the Company's provision of a copy of this Agreement or otherwise.

12. GENERAL PROVISIONS.

12.1 Governing Law; Jurisdiction. This Agreement and any action related thereto will be governed, controlled, interpreted, and defined by and construed under the laws of the State of California, without giving effect to any conflicts of laws principles that require the application of the law of a different jurisdiction. I hereby expressly consent to the personal jurisdiction of and venue in the state and federal courts located in Santa Clara County, California for any lawsuit filed there against me by the Company arising from or related to this Agreement. Notwithstanding the foregoing, if I have executed a Mutual Arbitration Agreement in connection with the commencement or continuation of my employment, all claims or disputes arising from or relating to this Agreement will be resolved as provided therein. Nothing herein is intended to prevent either party from obtaining injunctive relief in court to prevent irreparable harm pending the conclusion of any such arbitration.

12.2 Severability. If any provision of this Agreement is, for any reason, held to be invalid or unenforceable, the other provisions of this Agreement will be unimpaired, and the invalid or unenforceable provision will be deemed modified so that it is valid and enforceable to the maximum extent permitted by law.

12.3 Successors and Assigns. This Agreement will be binding upon my heirs, executors, administrators and other legal representatives and will

be for the benefit of the Company, its successors, and its assigns.

12.4 Survival. This Agreement shall survive the termination of my employment and the assignment of this Agreement by the Company to any successor -in -interest or other assignee.

12.5 Employment. I agree and understand that my employment with the Company is "at will" and that nothing in this Agreement shall confer any right with respect to continuation of employment by the Company, nor shall it interfere in any way with my right or the Company's right to terminate my employment at any time, with or without cause or advance notice.

12.6 Waiver. Any waiver or failure to enforce any provision of this Agreement on one occasion will not be deemed a waiver of such provision on any other occasion or a waiver of any other provision. The Company shall not be required to give notice to enforce strict adherence to all terms of this Agreement.

12.7 Export. I agree to abide by all U.S. export laws and regulations.

12.8 Entire Agreement. The obligations pursuant to sections of this Agreement titled "Confidentiality" and "Inventions" shall apply to any time during which I was previously employed or engaged, or am in the future employed or engaged, by an eBay Company as an employee or independent contractor, if no other agreement governs nondisclosure and assignment of inventions during such period. This Agreement is the final, complete and exclusive agreement of the parties with respect to the subject matters hereof and supersedes and merges all prior communications between us with respect to such matters. No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing and signed by me and a duly authorized officer of the Company. Any subsequent change or changes in my duties, salary, compensation or other terms and conditions of employment will not affect the validity or scope of this Agreement.

This Agreement shall be effective as of the first day of my employment with the Company, any other eBay Company, or any affiliates or predecessors.

I ACKNOWLEDGE THAT I HAVE READ THIS AGREEMENT CAREFULLY, UNDERSTAND ITS TERMS, AND HAVE BEEN GIVEN THE OPPORTUNITY TO DISCUSS IT WITH INDEPENDENT LEGAL COUNSEL. I HAVE COMPLETELY FILLED OUT EXHIBIT A TO THIS AGREEMENT OR LEFT SUCH EXHIBIT BLANK BECAUSE NO PRIOR INVENTIONS EXIST. I HAVE RECEIVED A COPY OF EXHIBIT B TO THIS AGREEMENT.

Fernando Villarreal (Electronically Signed)

(Signature)

Fernando Villarreal

(Printed Name)

09/22/2014

Dated:

San Francisco CA

Address:

f.g.v@outlook.com [September 22, 2014 02:10:49 Eastern Daylight Time]

ACCEPTED AND AGREED TO:
COMPANY
< eBay / PayPal >
(Signature)

B-1

ASSIGNMENT

WHEREAS, Yuquan Yang (hereinafter the "Undersigned") has made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on March 5, 2019, assigned US application serial number 16/293,547, and titled DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA as described in a patent application filed on March 30, 2017 assigned United States application serial number 15/474,964, and titled DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA; and as described in a provisional patent application filed on March 30, 2016 assigned United States application serial number 62/315,492, and titled ENHANCED SEAT VIEWS FOR ONLINE TICKET MARKETPLACE.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to eBay Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2025 Hamilton Avenue, San Jose, California 95125, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

Assignment

Assignors: Marcus Shelksohn et al.

Title: DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA

Page 2 of 3

Docket No: 2043.M41US2

Client Ref. No. IP-P3288US2

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 49845 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Assignor: Yuquan Shellen et al.

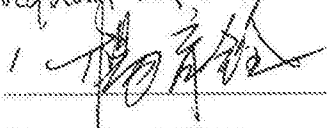
Docket No: 2043 M41US2
Client Ref. No. 0 P3288US2

PAT. APPLICATION INFORMATION RESPONSE TO ORIENTATION SENSOR DATA

Page 3 of 3

Assignor: Yuquan YANG

(Signature):



Name: Yuquan Yang

City, State or Country: San Jose, CA

Date:

2020.2.12

ASSIGNMENT

WHEREAS, Xiaoming Zhang (hereinafter the "Undersigned") has made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on March 5, 2019, assigned US application serial number 16/293,547, and titled DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA as described in a patent application filed on March 30, 2017 assigned United States application serial number 15/474,964, and titled DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA; and as described in a provisional patent application filed on March 30, 2016 assigned United States application serial number 62/315,492, and titled ENHANCED SEAT VIEWS FOR ONLINE TICKET MARKETPLACE.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to eBay Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2025 Hamilton Avenue, San Jose, California 95125, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 49845 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Assignors: Marcus Shellisohn et al

Title: DIGITAL MODEL OPTIMIZATION RESPONSIVE TO ORIENTATION SENSOR DATA

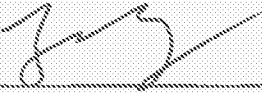
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Docket No. 2043 M41US2

Client Ref. No. IP-P3288US2

Assignor:

(Signature):

/  /

Name: Xiaoming Zhang

City/State or Country: San Jose, California

Date:

2/6/2020