PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2908718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN MELCHER	03/23/2010
DANE HOWARD	03/23/2010

RECEIVING PARTY DATA

Name:	EBAY INC.	
Street Address:	2145 HAMILTON AVENUE	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95125	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14159323

CORRESPONDENCE DATA

Fax Number:

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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Correspondent Name: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

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ATTORNEY DOCKET NUMBER:	2043.676US5	
NAME OF SUBMITTER:	MELISSA CUFF	
SIGNATURE:	/Melissa Cuff/	
DATE SIGNED:	06/23/2014	

Total Attachments: 4

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PATENT 502862121 REEL: 033154 FRAME: 0585

RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 2043.676US5 To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: eBay Inc. Ryan Melcher, Dane Howard Street Address: 2145 Hamilton Avenue Additional name(s) of conveying party(ies) attached? City: San Jose State: CA Zip: <u>95125</u> []Yes [X]No Country: United States of America 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: March 23, 2010, March 23, 2010 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. 14/159,323 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Susan Yee []Enclosed []Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 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. Susan Yee/Reg. No. 41,388 Name of Person Signing Total number of pages including cover sheet: 3 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

ASSIGNMENT

WHEREAS, We, Ryan Melcher, residing at 10200 Alba Rd., Ben Lomond, CA 95005, and Dane Howard, residing at 307 W. Main Street, Los Gatos, CA 95030, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on February 24, 2010, which application was assigned U.S. patent application serial number 12/712,163, and is entitled SYSTEMS AND METHODS FOR PROVIDING MULTI-DIRECTIONAL VISUAL BROWSING:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to <u>eBay inc.</u> (the "Assignee"), a corporation of the State of <u>Delaware</u>, having a place of business at <u>2145 Hamilton Avenue</u>, <u>San Jose</u>, <u>CA 25125</u>, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 49845 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

U.S. Provisional Application Serial No. 61/155,104, filed on February 24, 2009.

No International or foreign claim for priority is being made at this time.

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

PATENT REEL: 033154 FRAME: 0587

Docket No. 2043.876US1

Aszignment Client Ref. No. P1053US1 Assignors: Ryan Melcher et al

Secial Number: 12/712.163 This: Systems and methods for providing multi-directional visual browsing

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will 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 earry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements 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 such improvements; and (5) take such further actions as the Assignce shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

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:

Inventor: 1: -

Assignment
Cliam Ref. No. P1883US1
Assignment Rysic Mellohor of all Serial Humber: 12/712,163
Time: SYSTEMS AND METHODS FOR PROVIDING MULTI-DIRECTIONAL VISUAL BROWSING
Page 3 of 3

Inventor: 2:
(Signature):

PATENT REEL: 033154 FRAME: 0589

RECORDED: 06/23/2014