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Atty Ref/Docket No.: 2043.855US2	Patent and Trademark Office
To the Director of the U.S. Patent and Trademark Office: Plea	se record the attached original documents or copy thereof.
1. Name of conveying party(ies):  Jeffrey Roger Powers, Vikas Muppiddi Reddy  Additional name(s) of conveying party(ies) attached?  [ ]Yes [X]No  3. Nature of conveyance:  [X] Assignment [ ] Merger  [ ] Security Agreement [ ] Change of Name  [ ] Other  Execution Date: September 17, 2010, September 17, 2010	2. Name and address of receiving party(ics):  Name: eBay Inc.  Street Address: 2145 Hamilton Avenue  City: San Jose State: CA Zip: 95125  Country: United States of America  Additional name(s) & address(cs) attached? [ ]Yes [X]No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application  A. Patent Application No.(s)  Serial No. 12/885,221, filed September 17, 2010  Additional numbers attached? [ ]Yes [X]No	n, the execution date of the application is:  B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Mark D. Yuan  Address:  Schwegman, Lundberg & Woessner, P.A.  P.O. Box 2938  Minneapolis, MN 554020938	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>[]Enclosed</li> <li>[X]Authorized to be charged to deposit account 19-0743</li> <li>8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743</li> </ul>
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PATENT REEL: 026546 FRAME: 0113

Client Ref. No. P1123US2

Attorney Docket No. 2043.855US2

## ASSIGNMENT

WHEREAS, We, Jeffrey Roger Powers, residing at 2131 14th St., Boulder, CO 80302, and Vikas Muppiddi Reddy, residing at 101 Pearl St., Apt. D, Boulder, CA 80302, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled <u>SYSTEM AND METHOD FOR ESTIMATION AND CLASSIFICATION OF BARCODES USING HEURISTIC AND STATISTICAL MEASURES;</u>

WHEREAS, We hereby authorize and request the attorneys, representing eBay Inc. on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Scr. No. 12/855, 7-21; Filing Date: 9/14/2010) the filing date and application number of said application when known.

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>cBay Inc.</u> (the "Assignee"), a corporation of the State of <u>Delaware</u>, having a place of business at <u>2145 Hamilton Avenue</u>, San Jose, <u>CA 95125</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. 61/245,635, filed on September 24, 2009.

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

PATENT REEL: 026546 FRAME: 0114 Assignment Docket No: 2043.855US2
Client Ref, No. P1123US2
Assignors: Jeffrey Roger Powers et al.
Title: SYSTEM AND METHOD FOR ESTIMATION AND CLASSIFICATION OF BARCODES USING HEURISTIC AND
STATISTICAL MEASURES
Page 2 of 3

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

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 carry 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 Assignee 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 nominces of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1	:
(Signature):	
· •••	Name: Jeffrey Roger Powers
Date:	9/17/10

PATENT REEL: 026546 FRAME: 0115 612-339-3061 6/30/2011 10:51:47 AM PAGE 5/005 Fax Server

Assignment Docket No: 2043.8550 Client Ref. No. P1123US2
Assignors: Jeffrey Roger Powers et al.
Title: SYSTEM AND METHOD FOR ESTIMATION AND CLASSIFICATION OF BARCODES USING HEURISTIC AND STATISTICAL MEASURES

Page 3 of 3

Inventor: 2:

(Signature):

Name: Vikas Muppiddi Reddy

Date:

2010

**PATENT REEL: 026546 FRAME: 0116** 

Docket No: 2043.855US2

RECORDED: 06/30/2011