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RECORDATION FORM COVER SHEET  
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Patent and Trademark Office

Atty Ref/Docket No.: 2043.822US2

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):

Naren Chittar, Sanjay Pundlkrao Ghatare, Richard D Henderson, Ryan McDonald, John Roper

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

[ ] Yes [X] No

3. Nature of conveyance:

[ ] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[X] Other - Corrective Document to correct an error in the "I" of inventor **Sanjay Pundlkrao Ghatare's** middle name in the cover sheet previously recorded Reel 026420 and Frame 0536-0543.

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

Name: eBay Inc.

Street Address: 2145 Hamilton Avenue

City: San Jose State: CA Zip: 95125

Country: United States of America

Additional name(s) & address(es) attached? [ ] Yes [X] No

Execution Date: April 15, 2011, April 15, 2011, April 15, 2011, April 15, 2011, May 3, 2011

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. 13/073,926, filed March 28, 2011

Additional numbers attached? [ ] Yes [X] No

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

Name: Robert B. Madden

Address:

Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[ ] Enclosed

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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.

Robert B. Madden/Reg. No. 57,521

Name of Person Signing

Signature

November 18, 2011

Date

Total number of pages including cover sheet: 8

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Henderson, Ryan McDonald, John Roper

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Address:

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Minneapolis, MN 55402--09386. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[ ] Enclosed

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Robert B. Madden/Reg. No. 57,521

Name of Person Signing



Signature

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Date

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COPY of previously submitted Assignment - page 1 of 6 pages

Attorney Docket No. 2043.822US2  
Client Ref. No. P1043US2

### ASSIGNMENT

WHEREAS, We, Naren Chittar, residing at 4553 Latimer Avenue, San Jose, CA 95130, and Sanjay Pundlkrao Ghatare, residing at 3269 Palmo Court, San Jose, CA 95135, and Richard D Henderson, residing at 942 Michigan Avenue, San Jose, CA 95125, and Ryan McDonald, residing at 3165 Mission St, Unit 202, San Francisco, CA 94110, and John Roper, residing at 24210 NE 20th Street, Sammamish, WA 98074, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on March 28, 2011, which application was assigned U.S. patent application serial number 13/073,926, and is entitled TWO-PASS SEARCHING FOR IMAGE SIMILARITY OF DIGESTS OF IMAGE-BASED LISTINGS IN A NETWORK-BASED PUBLICATION SYSTEM:

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

SELL, ASSIGN AND TRANSFER to eBay Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2145 Hamilton Avenue, San Jose, CA 95125, 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. 61/318,766, filed on March 29, 2010.*

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

Assignment  
Client Ref. No. P1043052  
Assignors: Naren Chittar et al.  
Title: TWO-PASS SEARCHING FOR IMAGE SIMILARITY OF DIGESTS OF IMAGE-BASED LISTINGS IN A NETWORK-BASED PUBLICATION SYSTEM  
Page 2 of 6

Docket No. 2010.8231US2

Serial Number: 13/073,926

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 nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: I:

(Signature):

Name: Naren Chittar

Date:

Apr 15, 2011

Assignment

Client Ref No: P1043US2

Assignors: Naren Chittar et al

Title: TWO-PASS SEARCHING FOR IMAGE SIMILARITY OF DIGESTS OF IMAGE-BASED USINGS IN A NETWORK-BASED PUBLICATION SYSTEM

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Docket No: 2043 823US2

Serial Number: 13/073,936

Inventor: 2:

(Signature):

  
Name: Sanjay Pundkraj Ghatore

Date:

11/15/2011

Assignment

Docket No: 2043 823052

Client Ref No P1043052

Serial Number: 15/073 926

Assignors: Naren Chittur et al

Title: TWO-PASS SEARCHING FOR IMAGE SIMILARITY OF DIGESTS OF IMAGE-BASED LISTINGS IN A NETWORK-BASED PUBLICATION SYSTEM

Page 4 of 6

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Inventor: 3:

(Signature): Richard D Henderson

Name: Richard D Henderson

Date: 4/15/11

Assignment  
Client Ref. No. P1043052  
Assignors: Naren Chittar et al.  
Title: TWO-PASS SEARCHING FOR IMAGE SIMILARITY OF DIGESTS OF IMAGE-BASED LISTINGS IN A NETWORK-BASED PUBLICATION SYSTEM  
Page 5 of 6

Docket No. 2013 822US2

Serial Number 13071926

Inventor: 4:

(Signature):   
Name: Ryan McDonald

Date: 4/15/11

Assignment

Docket No. 2011 821182

Client Ref. No. P1043082

Serial Number 13072926

Assignors: Naren Chittar et al

Title: TWO-PASS SEARCHING FOR IMAGE SIMILARITY OF DIGESTS OF IMAGE-BASED THINGS IN A NETWORK-BASED PUBLICATION SYSTEM

Page 6 of 6

Inventor: 5:

(Signature):

Name: John Roper

Date:

5/3/2011