503607917 12/11/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3654548

NATURE OF CONVEYANCE: Corrective Assignment to correct the MISSING INVENTOR NAME O THE CONVEYING PARTY ON THE PREVIOUSLY RECORDED CO SHEET previously recorded on Reel 033071 Frame 0128. Assignor(s	
hereby confirms the FIRST NAMED INVENTOR IS NOW INCLUDED THE ASSIGNMENT.	VER s)

CONVEYING PARTY DATA

Name	Execution Date
JASDEEP SINGH SAHNI	03/18/2010
ANIL MADAN	03/18/2010
DEEPAK SEETHARAM NADIG	03/18/2010
PO CHEUNG	03/18/2010
BHAVESH MISTRY	03/18/2010
JOHN BODINE	03/19/2010
MICHAEL LO	03/18/2010

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:	14301280

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.

Email: request@slwip.com

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

Address Line 1: 1600 TCF TOWER

Address Line 2: 121 SOUTH EIGHTH STREET

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: 2043.739US3

NAME OF SUBMITTER: MEGAN L. REED

PATENT 503607917 REEL: 037271 FRAME: 0743

/Megan L. Reed/
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PATENT ASSIGNMENT COVER SHEET

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Submission type:		NEW ASSIGNMENT	
NATURE OF CONVE	YANCE:	ASSIGNMENT	
CONVEYING PART	Y DATA	·	
		Name	Execution Date
ANIL MADAN		58/18/2019	
DEEPAK SEETHAR	am Nadig	***************************************	02/18/2010
PO CHEUNG	**************		08/18/2010
BHAVESH MISTRY		***************************************	03/18/2016
JOHN BOOINS	*************	***************************************	03/19/2010
MICHAEL LO			93/18/2015
BECEIVING PARTY	cera	••••••	
Name:	EBAY	PNC:	
Street Address:	2:45}	IAMICTON AVENUE	
	SANJ		
. V. ((A))			
City: State/Country:		OBNIA	
State/Country: Postal Code:	GALF3 98125	ORNIA .	
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State-Country: Postal Code: PROPERTY NUMB: Property Ty Application Number CORRESPONDENC Fax Number: Conespondence w using a tea number Phone: Email: Conespondent Nan Address Line 4:	CAUFI 98125 ERS Total: 1 rpe r; E DATA iii be sent r r, if provided	Mumber 14301280 (612)339-3081 0 the e-mail address first; if that is unsured; if the is unsured; if that is unsured; if the	da US Mail
State-Country: Postal Code: PROPERTY NUMBI Property Ty Application Number CORRESPONDENC Fax Number: Correspondence to using a tex number Phone: Estall: Correspondent Nar Address Line 4: Address Line 4: ATTORNEY GOCKE	CAUFI 98125 ERS Total: 1 rpe r; E DATA iii be sent r r, if provided	Mumber 14301280 (612)339-3081 of the e-mail address first; if that is unsure; if the is unsure; if that is	da US Mail

ASSIGNMENT

WHEREAS, We, Jasdeep Singh Sahni, residing at 3336 Shoshana Lane, San Jose, CA 95135, and Anil Madan, residing at 4365 Manzanita Drive, San Jose, CA 95129, and Deepak Seetharam Nadig, residing at 3275 Falls Creek Drive, San Jose, CA 95135, and Po Cheung, residing at 1013 Wunderlich Drive, San Jose, CA 95129, and Bhavesh Mistry, residing at 2060 Flintcrest Drive, San Jose, CA 95145, and John Bodine, residing at 114 Paul Avenue, Mountain View, CA 94041, and Michael Lo, residing at 1714 34th Avenue, San Francisco, CA 94122, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT:

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 (Ser. No.12/728,067; Filing Date: Max. 19, 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>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>, San Jose, CA <u>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

No Provisional claim for priority is being made at this time.

Assignment
Client Ref. No. P938US1
Assignors: Jasdeep Singh Sahni et al.
Title: ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT
Page 2 of 7

Docket No: 2043.739US1

No U.S. Non-Provisional claim for priority is being made at this time.

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;

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 Assignce.

AGREED as of the date of my signature below:

inventor: 1:	() W	~/ · · · · · · · · · · · · · · · · · · ·	
(Signature):	1	·	
	Name: Jaso	leep Singh Sahni	
Date:	03) 18)	2010	
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Assignment Client Ref. No. P938US1 Assignors: Jasdeep Singh Sahni et al. Title: ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT Page 3 of 7	Docket No: 2043.739US1
Inventor: 2:	
(Signature): Name: Anii Madan	
Date: Or Lice Lacino	7

Assignment Client Ref. No. P938US1 Assignors: Jasdeep Singh Sahni et al. Title: ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT Page 4 of 7	Docket No: 2043.739US1
Inventor: 3: (Signature): All 1 - Cady-	
Name: Deepak Seetharam Nadig Date: 2 18 / 200	

Assignment
Client Ref. No. P938US1
Assignors: Jasdeep Singh Sahni et al.
Title: ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT
Page 5 of 7

Inventor: 4:

(Signature): A Musica
Name: Po Cheung

Date: 3 18 10

Inventor: 5:

(Signature): A Musica
Name: Bhavesh Mistry

PATENT REEL: 037271 FRAME: 0750

Docket No: 2043.739US1

Assignment Client Ref. No. P938US1 Assignors: Jusdeep Singh Suhni et al. Title: ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT Page 6 of 7	Docket
Inventor: 6: (Signature):	
Name: John Bodine	

Date:

PATENT REEL: 037271 FRAME: 0751

Docket No: 2043,739US1

Assignment
Client Ref. No. P938US1
Assignors: Jasdeep Singh Sahni et al.
Fitle: ORTHOGONAL EXPERIMENTATION IN A COMPUTING ENVIRONMENT
Page 7 of 7

Name: Michael Lo

Inventor: 7:

(Signature):_

RECORDED: 12/11/2015

Docket No: 2043.739US1

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