

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4581323

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JACK PHILIP ABRAHAM	08/22/2013
	ANDREW DAVID PALMER	08/28/2013
	JEFFREY TYSON	08/27/2013
	CHRISTINA MERCANDO	08/14/2013
	JASON KOTENKO	08/12/2013
	BENJAMIN GLEITZMAN	08/12/2013
	RANDALL LEE	08/28/2013
RECEIVING PARTY DATA		
Name:	EBAY INC.	
Street Address:	2145 HAMILTON AVE	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95125	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15696539
CORRESPONDENCE DATA		
Fax Number:	(612)339-3061	
<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>		
Phone:	612-373-6900	
Email:	REQUEST@SLWIP.COM	
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER/EBAY	
Address Line 1:	P.O. BOX 2938	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402	
ATTORNEY DOCKET NUMBER:	2043.B66US2	
NAME OF SUBMITTER:	CAROL WHITE	
SIGNATURE:	/Carol White/	
DATE SIGNED:	09/06/2017	

Total Attachments: 54

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ASSIGNMENT

WHEREAS, Jack Phillip Abraham, Andrew David Palmer, Jeffrey Tyson, Christina Mercado, Jason Kotenko, Ben Gleitzman and Kyle Lee (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on July 19, 2013, which application was assigned US patent application serial number 13/946,911, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on March 15, 2013, which application was assigned US application serial number 61/798,201, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on September 4, 2012, which application was assigned US application serial number 61/696,633, and which is titled FEED IN AN ONLINE 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 2145 Hamilton Avenue, San Jose, CA 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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 2 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

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. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

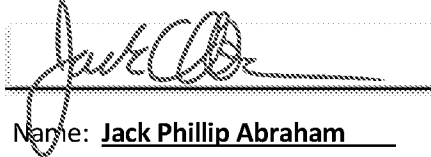
Page 3 of 9

DOCKET NO. 2013.0000US1

Client Ref. No. P1700US1

Assignor:

(Signature):

A handwritten signature in black ink, appearing to read "Jack Abraham", is written over a horizontal line. The signature is contained within a rectangular box with a dotted border.

Name: Jack Phillip Abraham

City/State: Palo Alto, CA

Date:

8/22/2013

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 4 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Andrew David Palmer

City/State: Campbell, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 5 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jeffrey Tyson

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 6 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Christina Mercado

City/State: Brooklyn, NY

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 7 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jason Kotenko

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 8 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Ben Gleitzman

City/State: Alameda, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 9 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Kyle Lee

City/State: San Jose, CA

Date:

ASSIGNMENT

WHEREAS, Jack Phillip Abraham, Andrew David Palmer, Jeffrey Tyson, Christina Mercado, Jason Kotenko, Ben Gleitzman and Kyle Lee (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on July 19, 2013, which application was assigned US patent application serial number 13/946,911, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on March 15, 2013, which application was assigned US application serial number 61/798,201, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on September 4, 2012, which application was assigned US application serial number 61/696,633, and which is titled FEED IN AN ONLINE MARKETPLACE.

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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;

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Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 2 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

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Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 3 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jack Phillip Abraham

City/State: Palo Alto, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 4 of 9

Docket No: 2043.B66US1

Client Ref. No. P17001/S1

Assignor:

(Signature):



Name: Andrew David Palmer

City/State: Campbell, CA

Date: 08/28/13

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 5 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jeffrey Tyson

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 6 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Christina Mercado

City/State: Brooklyn, NY

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 7 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jason Kotenko

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 8 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Ben Gleitzman

City/State: Alameda, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 9 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Kyle Lee

City/State: San Jose, CA

Date:

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WHEREAS, Jack Phillip Abraham, Andrew David Palmer, Jeffrey Tyson, Christina Mercado, Jason Kotenko, Ben Gleitzman and Kyle Lee (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on July 19, 2013, which application was assigned US patent application serial number 13/946,911, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on March 15, 2013, which application was assigned US application serial number 61/798,201, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on September 4, 2012, which application was assigned US application serial number 61/696,633, and which is titled FEED IN AN ONLINE MARKETPLACE.

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Assignors: Jack Phillip Abraham et al.

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Page 2 of 9

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Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 3 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

/

/

Name: Jack Phillip Abraham

City/State: Palo Alto, CA

Date:

Assignors: Jack Phillip Abraham et al.

Page 4 of 9

Client Ref. No. P1700US1

(Signature): / /

City/State: Campbell, CA

PATENT
REEL: 043767 FRAME: 0587

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 5 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): /  /

Name: Jeffrey Tyson

City/State: San Jose, CA

Date: Aug 27, 2013

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 6 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / /

Name: Christina Mercado

City/State: Brooklyn, NY

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 7 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

/

/

Name: Jason Kotenko

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 9 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / Randall Lee /

Name: Kyle Lee

City/State: San Jose, CA

Date: Aug 28, 2013

ASSIGNMENT

WHEREAS, Jack Phillip Abraham, Andrew David Palmer, Jeffrey Tyson, Christina Mercado, Jason Kotenko, Ben Gleitzman and Kyle Lee (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on July 19, 2013, which application was assigned US patent application serial number 13/946,911, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on March 15, 2013, which application was assigned US application serial number 61/798,201, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on September 4, 2012, which application was assigned US application serial number 61/696,633, and which is titled FEED IN AN ONLINE MARKETPLACE.

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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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 2 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

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. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 3 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jack Phillip Abraham

City/State: Palo Alto, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 4 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Andrew David Palmer

City/State: Campbell, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 5 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jeffrey Tyson

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 6 of 9

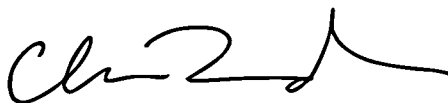
Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

/ {{_es_:signer4:signature}} /



Name: Christina Mercado

City/State: Brooklyn, NY

Date:

{{_es_:signer4:date}} 08/14/2013

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 7 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jason Kotenko

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 8 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Ben Gleitzman

City/State: Alameda, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 9 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Kyle Lee

City/State: San Jose, CA

Date:

ASSIGNMENT

WHEREAS, Jack Phillip Abraham, Andrew David Palmer, Jeffrey Tyson, Christina Mercado, Jason Kotenko, Ben Gleitzman and Kyle Lee (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on July 19, 2013, which application was assigned US patent application serial number 13/946,911, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on March 15, 2013, which application was assigned US application serial number 61/798,201, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on September 4, 2012, which application was assigned US application serial number 61/696,633, and which is titled FEED IN AN ONLINE 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 2145 Hamilton Avenue, San Jose, CA 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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 2 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

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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. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 3 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jack Phillip Abraham

City/State: Palo Alto, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 4 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Andrew David Palmer

City/State: Campbell, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 5 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Jeffrey Tyson

City/State: San Jose, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 6 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Christina Mercado

City/State: Brooklyn, NY

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

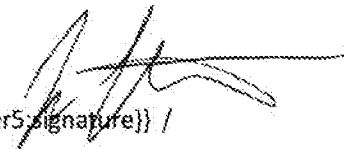
Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 7 of 9

Docket No: 2043 B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): /  /

Name: Jason Kotenko

City/State: San Jose, CA

Date: {{_es_:signer5:date}} 8/12/13

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 8 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Ben Gleitzman

City/State: Alameda, CA

Date:

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 9 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

Name: Kyle Lee

City/State: San Jose, CA

Date:

ASSIGNMENT

WHEREAS, Jack Phillip Abraham, Andrew David Palmer, Jeffrey Tyson, Christina Mercado, Jason Kottenko, ^{Benjamin} Ben Gleitzman and Kyle Lee (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on July 19, 2013, which application was assigned US patent application serial number 13/946,911, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on March 15, 2013, which application was assigned US application serial number 61/798,201, and which is titled SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE; which are described in a patent application filed on September 4, 2012, which application was assigned US application serial number 61/696,633, and which is titled FEED IN AN ONLINE 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:

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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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 2 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

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;

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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: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 3 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / {{_es_:signer1:signature}} /

Name: Jack Phillip Abraham

City/State: Palo Alto, CA

Date: {{_es_:signer1:date}}

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 4 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / {{_es_:signer2:signature}} /

Name: **Andrew David Palmer**

City/State: **Campbell, CA**

Date: {{_es_:signer2:date}}

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 5 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / {{_es_:signer3:signature}} /

Name: Jeffrey Tyson

City/State: San Jose, CA

Date: {{_es_:signer3:date}}

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 6 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / {{_es_:signer4:signature}} /

Name: Christina Mercado

City/State: Brooklyn, NY

Date: {{_es_:signer4:date}}

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 7 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / {{_es_:signer5:signature}} /

Name: Jason Kotenko

City/State: San Jose, CA

Date: {{_es_:signer5:date}}

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 8 of 9

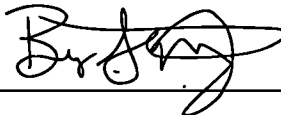
Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature):

/ {{_es_:signer6:signature}} /



Benjamin

Name: Ben Gleitzman

City/State: Alameda, CA

Date:

{{_es_:signer6:date}}

8/12/13

Assignment

Assignors: Jack Phillip Abraham et al.

Title: SYSTEMS AND METHODS FOR FACILITATING FEED IN A NETWORK-BASED MARKETPLACE

Page 9 of 9

Docket No: 2043.B66US1

Client Ref. No. P1700US1

Assignor:

(Signature): / {{_es_:signer7:signature}} /

Name: Kyle Lee

City/State: San Jose, CA

Date: {{_es_:signer7:date}}