

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4681923

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XOBNI CORPORATION	07/03/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	YAHOO! INC.
<b>Street Address:</b>	701 FIRST AVENUE
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94089
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15055777
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)801-6400
<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>	
<b>Phone:</b>	212-801-9200
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<b>Correspondent Name:</b>	YAHOO HOLDINGS, INC. C/O GREENBERG TRAUER
<b>Address Line 1:</b>	MET LIFE BUILDING
<b>Address Line 2:</b>	200 PARK AVENUE
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10166
<b>ATTORNEY DOCKET NUMBER:</b>	085804.620764
<b>NAME OF SUBMITTER:</b>	JUDI CORDO
<b>SIGNATURE:</b>	/Judi Cordo/
<b>DATE SIGNED:</b>	11/09/2017
<b>Total Attachments: 8</b>	
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## PATENT ASSIGNMENT

This Patent Assignment ("Assignment") is entered into as of July 3, 2013 by and between Xobni Corporation, a Delaware Corporation (the "Company") having an address at 539 Bryant St., Suite 402, San Francisco, CA 94107, and Yahoo! Inc., a Delaware Corporation ("Yahoo!") having an address at 701 First Avenue, Sunnyvale, CA, 94089.

WHEREAS, Yahoo! and the Company have entered into that certain Agreement and Plan of Merger, dated as of July 1, 2013 (the "Merger Agreement"), pursuant to which the Company has agreed to merge entirely into a wholly-owned subsidiary of Yahoo! (such merger, the "Merger").

WHEREAS, the Company owns certain patents, patent applications and/or other patent rights, including, without limitation, those listed in Exhibit 1 of this Assignment; and

WHEREAS, immediately prior to the consummation of the Merger, the Company desires to assign to Yahoo!, and Yahoo! desires to receive, all of the Company's right, title and interest in and to such patents, patent applications and/or other patent rights.

NOW, THEREFORE, pursuant to the Agreement, and for good and valuable consideration given and received, the receipt and legal sufficiency of which is hereby acknowledged, the Company and Yahoo! agree as follows:

The Company hereby:

- (A) irrevocably transfers, conveys and assigns to Yahoo!:
- (1) the entire right, title and interest, everywhere in the world to
    - (a) all patents and patent applications owned by the Company, including, without limitation, the issued patents and patent applications set forth in Exhibit 1, and any patents later granted on the patent applications set forth therein,
    - (b) any patent applications or patents claiming priority to the items in (a) (including, but not limited to, continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations, extensions and renewals thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties),
    - (c) any patent applications or patents to which any of the patents or patent applications in (a) or (b) claim priority and any foreign counterparts to any patents or patent applications in (a) or (b),
    - (d) any other rights in the inventions described or disclosed in any of the patents and patent applications in (a), (b) or (c);  
(all of the foregoing in (1), collectively, the "Assigned Patents");
  - (2) all rights to causes of action and remedies related to the Assigned Patents, including without limitation the right to sue third parties for past, present or future infringement (including, but not limited to, damages and injunctive relief) of any of the Assigned Patents; and
  - (3) all rights to receive royalties with respect to the Assigned Patents; and
  - (4) any and all other rights and interests arising out of, in connection with or in relation to the Assigned Patents;

- (B) agrees, without further compensation, upon request of Yahoo! (or its successors, assigns or legal representatives) to:
- (1) execute any and all oaths, assignments, powers and any other papers;
  - (2) testify in any and all proceedings; and
  - (3) otherwise take any and all actions, and fully cooperate with Yahoo!; in each case, as may be necessary or appropriate, in the opinion of Yahoo!, to convey, establish, evidence, maintain, defend and enforce Yahoo!'s rights in the Assigned Patents or otherwise related to securing and enforcing Yahoo!'s rights under this Assignment; and the Company hereby irrevocably appoints Yahoo! and any of its officers as the Company's attorney in fact to undertake such acts in the Company's name; and
- (C) agrees to deliver to Yahoo! accurate copies of all material correspondence with counsel, in the Company's or its counsel's possession, relating to ownership, filing, prosecution, infringement, validity, or enforceability of, the Assigned Patents, to the extent such has not already been delivered.

For Xobni Corporation, by:

Signature

Jeffrey Bonforte

Name

7/1/13

Date

Notary Seal:

For Yahoo! Inc., by:

Signature

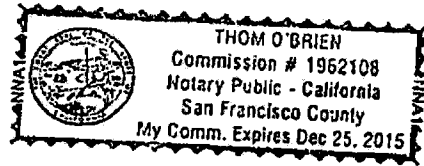
Name

Date

Notary Seal:

State of California  
 County of San Francisco  
 Subscribed and sworn to (or affirmed)  
 before me on this 1<sup>st</sup> day of July  
 20 13 by Jeffrey Bonforte  
 proved to me on the basis of satisfactory  
 evidence to be the person(s) who  
 appeared before me.

Signature



[SIGNATURE PAGE TO PATENT ASSIGNMENT]

For Xobni Corporation, by:

Signature

Name

Date

Notary Seal:

For Yahoo! Inc., by:

Signature

Name

Date

Notary Seal:

*Romaldas Stizmas*  
 Signature  
 ROMALDAS STIZMAS  
 Name  
 7/3/13  
 Date

**ACKNOWLEDGMENT**

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA

} ss.

On 7/3/13, 2011 7/3 before me, Michelle Martinez, Notary Public, personally appeared Romaldas Stizmas who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Michelle Martinez*  
 Michelle Martinez, Notary Public



[SIGNATURE PAGE TO PATENT ASSIGNMENT]

**EXHIBIT 1 – PATENTS AND PATENT APPLICATIONS**

Patent No.	App. No.	Title	Status	Issue Date	App. Date	Country
	12/767,764	SYSTEMS AND METHODS FOR PROFILE BUILDING	Pending		26-Apr-10	US
	12/535,659	SYSTEMS AND METHODS FOR SPAM FILTERING	Pending		4-Aug-09	US
7,930,430	12/499,775	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Granted	19-Apr-11	8-Jul-09	US
	10797483.4	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Pending		13-May-10	EPO
7,805,492	12/832,029	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Granted	28-Sep-10	7-Jul-10	US
8,145,791	13/090,084	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Granted	27-Mar-12	19-Apr-11	US
	13/411,310	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Pending		2-Mar-12	US
	12/579,321	SYSTEMS AND METHODS TO AUTOMATICALLY GENERATE A SIGNATURE BLOCK	Pending		14-Oct-09	US
	13/020,774	SYSTEMS AND METHODS TO IDENTIFY USERS USING AN AUTOMATED LEARNING PROCESS	Pending		3-Feb-11	US
	12/638,934	SYSTEMS AND METHODS TO PROVIDE SERVER SIDE PROFILE INFORMATION	Pending		15-Dec-09	US
	12/944,650	COLLECTING AND PRESENTING DATA INCLUDING LINKS FROM COMMUNICATIONS SENT TO OR FROM A USER	Pending		11-Nov-10	US
	13/117,015	PRESENTING A NEW USER SCREEN IN RESPONSE TO DETECTION OF A USER MOTION	Pending		26-May-11	US
	12/875,982	PROVIDING PROFILE INFORMATION USING SERVERS	Pending		3-Sep-10	US
8,423,545	12/875,996	Providing User Input Suggestions for Conflicting Data Using Rank Determinations	Granted	16-Apr-13	3-Sep-10	US
	13/289,888	PRESENTING SUGGESTIONS FOR USER INPUT BASED ON CLIENT DEVICE CHARACTERISTICS	Pending		4-Nov-11	US

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Patent No.	App. No.	Title	Status	Issue Date	App. Date	Country
	12/180,495	METHOD AND SYSTEM FOR COLLECTING AND PRESENTING HISTORICAL COMMUNICATION DATA	Pending		25-Jul-08	US
	12/348,870	PRESENTATION OF ORGANIZED PERSONAL AND PUBLIC DATA USING COMMUNICATION MEDIUMS	Pending		5-Jan-09	US
	12/180,502	METHOD AND SYSTEM FOR DISPLAY OF INFORMATION IN A COMMUNICATION SYSTEM GATHERED FROM EXTERNAL SOURCES	Pending		25-Jul-08	US
	12/180,503	INDEXING AND SEARCHING CONTENT BEHIND LINKS PRESENTED IN A COMMUNICATION	Pending		25-Jul-08	US
8,468,168	12/180,489	DISPLAY OF PROFILE INFORMATION BASED ON IMPLICIT ACTIONS	Granted	18-Jun-13	25-Jul-08	US
	12/180,483	DISPLAY OF ATTACHMENT BASED INFORMATION WITHIN A MESSAGING SYSTEM	Pending		25-Jul-08	US
	12/180,498	DISPLAY OF INFORMATION IN ELECTRONIC COMMUNICATIONS	Pending		25-Jul-08	US
	12/180,469	DISPLAY OF COMMUNICATION SYSTEM USAGE STATISTICS	Pending		25-Jul-08	US
	12/180,453	METHOD AND SYSTEM FOR COLLECTING AND PRESENTING HISTORICAL COMMUNICATION DATA FOR A MOBILE DEVICE	Pending		25-Jul-08	US
	12/180,475	DISPLAY OF PERSON BASED INFORMATION INCLUDING PERSON NOTES	Pending		25-Jul-08	US
	12/180,471	APPLICATION PROGRAMMING INTERFACES FOR COMMUNICATION SYSTEMS	Pending		25-Jul-08	US
	10783783.3	SELF POPULATING ADDRESS BOOK	Pending		19-May-10	EPO
	12/792,698	SELF POPULATING ADDRESS BOOK	Pending		2-Jun-10	US

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Patent No.	App. No.	Title	Status	Issue Date	App. Date	Country
	13/117,020	PRESENTING INFORMATION TO A USER BASED ON THE CURRENT STATE OF A USER DEVICE	Pending		26-May-11	US
	13/272,160	DEFINING A SOCIAL NETWORK MODEL IMPLIED BY COMMUNICATIONS DATA	Pending		12-Oct-11	US
	13/272,164	LOCALLY HOSTING A SOCIAL NETWORK USING SOCIAL DATA STORED ON A USER'S COMPUTER	Pending		12-Oct-11	US
	13/324,491	Sender-Based Ranking of Person Profiles and Multi-Person Automatic Suggestions	Pending		13-Dec-11	US
	PCT/US11/64892	Sender-Based Ranking of Person Profiles and Multi-Person Automatic Suggestions	Pending		14-Dec-11	PCT
	11849271.9		Pending		26-Jun-13	EP
	13/528,693	SYSTEMS AND METHODS TO PRESENT VOICE MESSAGE INFORMATION TO A USER OF A COMPUTER DEVICE	Pending		20-Jun-12	US
	PCT/US12/43507	SYSTEMS AND METHODS TO PRESENT VOICE MESSAGE INFORMATION TO A USER OF A COMPUTER DEVICE	Pending		21-Jun-12	PCT
	13/528,697	PRESENTING FAVORITE CONTACTS INFORMATION TO A USER OF A COMPUTING DEVICE	Pending		20-Jun-12	US
	PCT/US12/43523	PRESENTING FAVORITE CONTACTS INFORMATION TO A USER OF A COMPUTING DEVICE	Pending		21-Jun-12	PCT
	13/531,337	PERSONALIZING AN ONLINE SERVICE BASED ON DATA COLLECTED FOR A USER OF A COMPUTING DEVICE	Pending		22-Jun-12	US
	13/534,612	PRESENTING ENTITY PROFILE INFORMATION TO A USER OF A COMPUTING DEVICE	Pending		27-Jun-12	US

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Patent No.	App. No.	Title	Status	Issue Date	App. Date	Country
	13/693,955	CLASSIFYING A PORTION OF USER CONTACT DATA INTO LOCAL CONTACTS	Pending		4-Dec-12	US
	13/324,480	Generating a Relationship History	Pending		13-Dec-11	US
	PCT/US11/64958	Generating a Relationship History	Pending		14-Dec-11	PCT
	11848233.0		Pending		26-Jun-13	EP
	13/324,979	SPAM FILTERING AND PERSON PROFILES	Pending		13-Dec-11	US
	13/797,285	USING OBSERVATIONS OF A PERSON TO DETERMINE IF DATA CORRESPONDS TO THE PERSON	Pending		12-Mar-13	US
	13/667,205	ADDRESS EXTRACTION FROM A COMMUNICATION	Pending		2-Nov-12	US
Pub. No. (11005360)	2010US34782 PCT/US10/034782	Systems and methods to provide assistance during address input ;systemes et procedes d'assistance pendant la saisie d'une adresse	Published	Pub. Date. (1/13/2011)	5/13/2010	WO
Pub. No. (10141216)	2010US35405 PCT/US10/035405	Self populating address book ;carnet d'adresses a peuplement automatique	Published	Pub. Date. (12/9/2010)	5/19/2010	WO
Pub. No. (11046840)	2010US52081 PCT/US10/052081	Systems and methods to automatically generate a signature block ;systemes et procedes de production automatique d'un bloc de signature	Published	Pub. Date. (4/21/2011)	10/8/2010	WO
Pub. No. (11060278)	2010US56560 PCT/US10/056560	Collecting and presenting data including links from communications sent to or from a user ;collecte et presentation de donnees comprenant des liens a partir de communications envoyees vers un utilisateur ou provenant de lui	Published	Pub. Date. (5/19/2011)	11/12/2010	WO
Pub. No. (20110191717)	20100875603 12/875,603	Presenting Suggestions for User Input Based on Client Device Characteristics	Published	Pub. Date. (8/4/2011)	9/3/2010	US

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