

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4320098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTIAN HOLZ	12/10/2014
MARIUS KNAUST	12/11/2014
RAJIV AYYANGER	12/11/2014
SENEKA BUTHPITIYA	12/11/2014
HAOJIAN JIN	12/10/2014
RECEIVING PARTY DATA	
Name:	YAHOO! INC.
Street Address:	701 FIRST AVENUE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14568956
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	212-801-9200
Email:	njdocket@gtlaw.com
Correspondent Name:	YAHOO! INC. C/O GREENBERG TRAURIG, LLP
Address Line 1:	MET LIFE BUILDING
Address Line 2:	200 PARK AVENUE
Address Line 4:	NEW YORK, NEW YORK 10166
ATTORNEY DOCKET NUMBER:	085804.117800
NAME OF SUBMITTER:	JUDI CORDO
SIGNATURE:	/Judi Cordo/
DATE SIGNED:	03/15/2017
Total Attachments: 7	

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ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain new and useful improvements as set forth in the patent application entitled:

USER AUTHENTICATION AND DATA ENCRYPTION

☒ for which I have executed a U.S. patent application on even date herewith.

☐ which bears U.S. application serial No. 14/568,956, filed December 12, 2014.

☐ for which I have executed a patent application in the country of _____ on even date herewith.

☐ which I have executed a U.S. provisional application on even date herewith.

☐ which is a U.S. provisional application which bears U.S. application serial No. _____, filed _____.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

(a) Sell, assign and transfer to Yahoo! Inc., a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties), and; (2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.

(b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

(c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents

resulting from such applications.

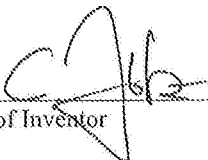
(d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.

(e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.

(f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.

(g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

IN TESTIMONY WHEREOF, I **Christian Holz** have executed this document on the date indicated below.



Signature of Inventor

12/10/14

Date

San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Marius Knaust** have executed this document on the date indicated below.

Signature of Inventor

Date

Potsdam, Brandenburg, GERMANY

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Rajiv Ayyanger** have executed this document on the date indicated below.

Signature of Inventor

Date

San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Seneka Buthpitiya** have executed this document on the date indicated below.

Signature of Inventor

Date

Mountain View, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Christian Holz** have executed this document on the date indicated below.

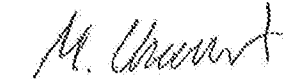
Signature of Inventor

Date

San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Marius Knaust** have executed this document on the date indicated below.



12/17/2014

Signature of Inventor

Date

Potsdam, Brandenburg, GERMANY

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Rajiv Ayyanger** have executed this document on the date indicated below.

Signature of Inventor

Date

San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Seneka Buthpitiya** have executed this document on the date indicated below.

Signature of Inventor

Date

Mountain View, CA

Inventor's City, State of residence

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San Francisco, CA

Inventor's City, State of residence

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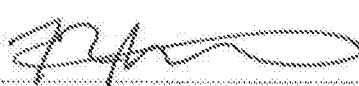
Signature of Inventor

Date

Potsdam, Brandenburg, GERMANY

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Rajiv Ayyanger** have executed this document on the date indicated below.



Signature of Inventor

Date

12/11/2014

San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I **Seneka Buthpitiya** have executed this document on the date indicated below.

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Mountain View, CA

Inventor's City, State of residence

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Signature of Inventor

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San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I Marius Knaust have executed this document on the date indicated below.

Signature of Inventor

Date

Potsdam, Brandenburg, GERMANY

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I Rajiv Ayyanger have executed this document on the date indicated below.

Signature of Inventor

Date

San Francisco, CA

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I Seneka Buttipitiya have executed this document on the date indicated below.

Seneka Buttipitiya

Signature of Inventor

02/11/2014

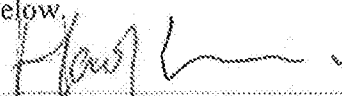
Date

Mountain View, CA

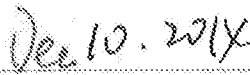
Inventor's City, State of residence

Assignment of User Authentication and Data Encryption
by Christian Holz, Marius Knaust, Rajiv Ayyanger, Seneka Buthpitiya, Haojian Jin to Yahoo! Inc.
Docket No. 085804.117800 (Y10779US00)

IN TESTIMONY WHEREOF, I Haojian Jin have executed this document on the date indicated below.



Signature of Inventor



Date

Sana Clara, CA

Inventor's City, State of residence