PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL EMERY	12/21/2016
LAVANYA COLINJIVADI VISWANATHAN	12/21/2016

RECEIVING PARTY DATA

Name:	YAHOO! INC.
Street Address:	701 FIRST AVENUE
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State/Country:	CALIFORNIA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15388315

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	TAIRAN WANG
SIGNATURE:	/tairan wang/
DATE SIGNED:	12/22/2016

Total Attachments: 3

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PATENT 504151497 REEL: 040748 FRAME: 0811

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:

METHOD AND SYSTEM FOR FACILITATING A USER-MACHINE CONVERSATION

of for which I have executed a U.S. patent app	lication on even date herew	ith.
which bears U.S. application serial No.	, filed	which is a
for which I have executed a patent application of the forward of the patent application of the p	on in the country of	on even
which I have executed a U.S. provisional ap	plication on even date here	with.
which is a U.S. provisional application whi	ch bears U.S. application se	rial No
For good and valuable consideration, the receipt acknowledged, I, an undersigned inventor, herel		hereby
(a) Sell, assign and transfer to <u>Yahoo! Inc.</u> , to business at 701 First Avenue, Sunnyvale, Califo entire right, title and interest, and any and all revassociated with commercialization, everywhere described in said Application, (B) said Application (D) any patent applications or patents which mapriority claim by) said Application (including by continuations-in-part, substitutes, reissues, reexall priority rights and counterpart applications upon conventions, agreements or treaties), and (2) the	rnia 94089 (hereinafter "AS zenues and rights to revenue in the world, to (A) any and ion, (C) any patent that may y claim priority of (or serve at not limited to continuation uninations or extensions the inder any existing or future i	SIGNEE"), (1) the c, for any purpose, l all inventions be granted thereof, as the basis for a ns, divisions, ereof, together with nternational patent

(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, reexamination or reissue thereof to the ASSIGNEE.

(including but not limited to damages) accruing based on activities occurring prior to the

execution date hereof.

(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.

PATENT REEL: 040748 FRAME: 0812

- (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, having executed this document on the date indicated below.

12/21/2016	1400	Scotts Valley, Cf
Date	Wiichafel Emery	City, State of Residence
Date	Lavanya Coliniiyadi Viswanathan	City State of Residence

Attorney Docket No. 022994-0448439 Y11767US00

- (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 LESTIMONA W	HEKEUP, having executed this document or	i the date indicated below.
Date	Michael Emery	City, State of Residence
<u>Dec 21, 2016</u> Date	CV. Javovu s Lavanya Colinjivadi V is wanathan	Sunnyvale CA City, State of Residence