PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMI POUTANEN	03/23/2010

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:	13173532

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	TAIRAN WANG	
SIGNATURE:	/tairan wang/	
DATE SIGNED:	12/12/2014	

Total Attachments: 2

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PATENT 503098275 REEL: 034492 FRAME: 0554

Assignment of Encoding and Accessing Position Data by Tomi Poutanen to Yahoo! Inc. 074175.0362; Y06183US00

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:

ENCODING AND ACCESSING POSITION DATA

☑ for which I have executed a U.S. patent application on even date herewith.	
☐ which bears U.S. application serial No, filed	
for which I have executed a patent application in the country ofdate herewith.	on even
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 business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE entire right, title and interest, and any and all revenues and rights to revenue, for any associated with commercialization, everywhere in the world, to (A) any and all invert described in said Application, (B) said Application, (C) any patent that may be granted (D) any patent applications or patents which may claim priority of (or serve as the bar priority claim by) said Application (including but not limited to continuations, division continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, togall priority rights and counterpart applications under any existing or future internation	"), (1) the purpose, titions ed thereof, sis for a ons, ether with

(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

conventions, agreements or treaties), and;(2) the right to sue third parties for patent infringement

(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.

PAL01:105469.1

execution date hereof.

Assignment of Encoding and Accessing Position Data by Tomi Poutanen to Yahoo! Inc. 074175.0362; Y06183US00

- (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.

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 Tomi Poutanen I indicated below.	nave executed this document on the date
The second secon	MARCH 23, 2010
Signature of Inventor	Date
Toronto, Ontario, Canada Inventor's City, State of residence	
Witnessed by:	•
(1) Lender Zum	MARCH 23, 2010
Signature of Witness	Date
DANIEL DEBOW	Witness' City, State of residence
Print Witness Name	Witness' City, State of residence
(2) KU	MARCH 23, 2010
Signature of Witness	Date
KELLY PERDUE	TORONTO, ONTARIO Witness' City, State of residence
Print Witness Name	Witness' City, State of residence

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