505678806 09/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUANGXIN YANG	03/23/2015
DONGYUE WANG	03/23/2015
SIHAN GE	03/23/2015
XINYU WANG	03/23/2015
WEI LIANG	03/25/2015

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:	16574823

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 046836-0506915	
NAME OF SUBMITTER:	SETH A. NEWMAN
SIGNATURE:	/Seth A. Newman/
DATE SIGNED:	09/18/2019

Total Attachments: 2

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PATENT REEL: 050418 FRAME: 0593

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PATENT REEL: 050418 FRAME: 0594

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 DATA RECOVERY IN A DATA SYSTEM	
for which I have executed a U.S. patent application on even date herewith.	
which bears U.S. application serial No, filed which is	a
for which I have executed a patent application in the country of on evolute herewith.	en
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 <u>Yahoo! Inc.</u> , 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,	of,

(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.

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

(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.

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- (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.

3/23/2015	gus	Beijing, ChiNA
Date'	GV∕ANGXIN YANG	City, State of Residence
3/23/2015 Date	Dongyue Woma DONGYUE WANG	City, State of Residence
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3/23/2015 Date	Sihan Ge SIHAN GE	City, State of Residence
3/23/2015	Xinyu Wang XINYU WANG	Beijing China City, State of Residence
Date	'XINYU WANG	City, State of Residence
3/25/2015	WEI Liang	Beijing, China
Date	WELLIANG/	City State of Residence