503127360 01/08/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOHONG GONG	01/05/2014

RECEIVING PARTY DATA

Name:	GOOGLE INC.	
Street Address:	1600 AMPHITHEATRE PARKWAY	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14585584

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	231441-366980
NAME OF SUBMITTER:	BRETT A. KRUEGER
SIGNATURE:	/Brett A.Krueger/
DATE SIGNED:	01/08/2015

Total Attachments: 1

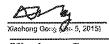
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PATENT 503127360 REEL: 034661 FRAME: 0532

Attorney Docket No: 231441-366980

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Xiaohong Gong of 899 Lois Avenue, Sunnyvale, CA 94087, hereby assign to: Google Inc., a corporation of <u>Delaware</u> having a place of business at: <u>1600 Amphitheatre Parkway</u>, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled MULTIPLE-CHANNEL DOWNLINK TRANSMISSION FOR ORTHOGONAL FREQUENCY-DIVISION MULTIPLE ACCESS, filed December 30, 2014, and assigned U.S. Serial Number 14/585,584, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.



Xiaohong Gong

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