

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3611206

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CEDRIC FUNG LAM	09/16/2015
LIANG DU	09/16/2015
CHANGHONG JOY JIANG	09/16/2015
BEN WARREN SEGURA	09/16/2015
XIANGJUN ZHAO	09/16/2015
DAOYI WANG	09/16/2015
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:	14938146
CORRESPONDENCE DATA	
Fax Number:	(248)566-8437
<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>	
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Address Line 4:	KALAMAZOO, MICHIGAN 49007-3800
ATTORNEY DOCKET NUMBER:	231441-373974
NAME OF SUBMITTER:	BRETT A. KRUEGER
SIGNATURE:	/Brett A. Krueger/
DATE SIGNED:	11/11/2015

Total Attachments: 2

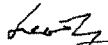
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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Cedric Fung Lam of 3230 Lori Ct., Belmont, California 94002, Liang Du residing in Santa Clara, CA and having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043; Changhong Joy Jiang of 3317 Oak Bluff Ln., Dublin, California 94568, Ben Warren Segura of 691 San Gabriel Ave., Morgan Hill, California 95037, Xiangjun Zhao of 41076 Davila Ct, Fremont, California 94539, Daoyi Wang residing in San Jose, CA and having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043 and hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, 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 TWDM Passive Network with Extended Reach and Capacity, filed 11/11/2015, and assigned U.S. Serial Number 14/938,146, and we 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 we authorize the Assignee to apply in all countries in our names 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 we agree for ourselves and our 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.

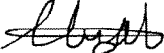
DocuSigned by:



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Cedric Fung Lam


DocuSigned by:



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Liang Du

DocuSigned by:



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Changhong Joy Jiang

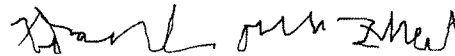
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Ben Warren Segura

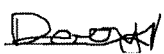
DocuSigned by:



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Xiangjun Zhao

DocuSigned by:



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Daoyi Wang