502675279 02/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2721886

SUBMISSION TYPE:		NEW AS	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGN	ASSIGNMENT		
CONVEYING PARTY	'DATA				
				Execu	ition Date
JUNLAN ZHOU				12/17/2013	3
AMIN VAHDAT				12/17/2013	3
RECEIVING PARTY	DATA				
Name:	GOOGLE INC	GOOGLE INC.			
Street Address:	1600 AMPHIT	HEATRE PARKW	ΥΥ		
City:	MOUNTAIN V	IEW			
State/Country:	CALIFORNIA		CALIFORNIA		
Postal Code:		94043			
PROPERTY NUMBE					
PROPERTY NUMBE	RS Total: 1		Number		
PROPERTY NUMBE	RS Total: 1	14137044	Number		
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email:	RS Total: 1 Type E DATA 617- cme be sent via US Ma 111	342-4000 yer@foley.com	ttempt is unsuccessful.		
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PATENT REEL: 032192 FRAME: 0657

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Total Attachments: 3

GOQ-035

ASSIGNMENT BY INVENTORS

WE, Junlan ZHOU and Amin VAHDAT, of Mountain View, California, in consideration of One Dollar and other valuable consideration paid to us by

Google Inc.

a Corporation of Delaware, having its principal place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Google Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

EFFICIENT UPDATES OF WEIGHTED COST MULTIPATH (WCMP) GROUPS

described in an application	
Executed by us of even date herewith and about to be filed	
or	
X Application No. <u>14/137,044</u> , filed on <u>12/20/2013</u>	

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Nelson Mullins Riley & Scarborough LLP, the power to insert on this Assignment the filing date and/or application number of said application.

PATENT REEL: 032192 FRAME: 0658

Dec 17, 2013	Junteen strove (Clean 17, 20113)
Date	Junlan Zhou
Witness:	
Date	

GOQ-035

Dec 17, 2013	Amin Volume (Oper 17, 2013)
Date	Amin Vahdat
Witness:	
Date	

PATENT REEL: 032192 FRAME: 0660

RECORDED: 02/11/2014