orm PTO-1595 (Rev. 99/ 04) MB No. 0651-0027 (exp. 8/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)	
JUNLAN ZHOU (07/29/2009), ZHENGRONG JI (07/29/2009), AND YUGUANG WU		
(07/29/2009)	Name: GOOGLE INC. Internal Address:	
Execution Date(s): in parentheses after inventor name	Street Address:	
Additional name(a) of conveying party(les) attached? Yes XNo		
3. Nature of Conveyance:  X Assignment Merger	1600 AMPHITHEATRE PARKWAY	
Security Agreement Change of Name	Gity: MOUNTAIN VIEW	
Government Interest Assignment	State: CALIFORNIA	
Executive Order 9424. Confirmatory License	Country: United States of America Zip: 94043	
Other	Additional name(s) & address(es) Yes X No attached:	
12/533,187  Additional numbers attached	J? Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Andrew T, Zidel LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: GOOGLE 3.0-075	Authorized to be charged by credit card	
Street Address: 600 South Avenue West	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title	
City: Westfield	8. Payment Information	
State: NJ zip: 07090	a, Credit Card Last 4 Numbers Expiration Date	
Phone Number: (908) 518-6385  Fax Number: (908) 654-0415	b, Deposit Account Number 12-1095	
Fax Number: (908) 654-0415 Email Address: azidel@ldlkm.com	Authorized User Name Andrew T. Zidel	
	<u> </u>	
9. Signature:	July 31, 2009	
Signature	<b>-</b>	
Andrew T. Zidel - 45,256  Name of Person Signing	sheet, attechments, and documents:	

1049406 1.DOC

PATENT REEL: 023031 FRAME: 0946

discovered inventions or discoveries, the subject matter of which is described in the patent application entitled SYSTEM AND METHOD FOR IDENTIFYING MULTIPLE PATHS BETWEEN NETWORK NODES (hereafter "Patent Application").  WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on, Application Number, and .  WHEREAS (if the left box is checked), the Patent Application names the following inventors: Junian Zhou, Zhengrong Ji, and Yuguang Wu (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz, Mentilik, LLP, to insert in here in brackets [Application No. 12/533, 187, filed on July 31, 2009 the application number and filing date of the application when known), and  WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California, 94043 (hereafter, "the assignee") is destrous of acquiring or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;  NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and Interest in and the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor and I aware of an obligation to convey, my rights in the Assigned Applications to a third previously conveyed, nor and a			
WHEREAS, I, Juniar Zhou of 1036 Aster Avenue, #2190; Sunnyvele, California 94086, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled SYSTEM AND METHOD FOR IDENTIFYING MULTIPLE PATHS BETWEEN NETWORK NODES (hereafter "Patent Application"),  WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on, Application Number, and, and, Application Number, and, and, Application Number, and, Application No. 12 / 533 , 187, filed on July 31 , 2009 the application number and filling date of the application when known), and, WHEREAS, Google Inc., incorporated or otherwise formed in, the assignee") is desirous of acquiring or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;  NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, it agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and then assigned Applications in the United States of America and all other countries, where "Assigned Applications in the United States of America and all other countries, where "Assigned Applications in the United States of America and all other countries, where "Assigned Applications in the United States of America and all other countries, where "Assigned Application in the United States of America and all other countries, where "Assigned Application or other application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have a previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third nearly interest in the world.	· · · · · · · · · · · · · · · · · · ·	Docket Number (Optional)	
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issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepare at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of it rights set forth herein in its sole discretion. If any provision hereunder is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.	ee as follows. I agree to assign, and hereby do assign, to the as Assigned Applications in the United States of America and all of ans the Palent Application, including any and all inventions, discrein, any divisional, continuation, continuation-in-part, substitute, iming priority or benefit to the Patent Application pursuant to any agoing. I agree to assign, and hereby do assign, to assignee the viously conveyed, nor am I aware of an obligation to convey, my ty. I hereby authorize the U.S. Patent and Trademark Office, an use to assignee all patents resulting from the Assigned Application assignee's reasonable request I agree, without further remuneral assignee's expense and to provide other cooperation, such as ted dence or protect assignee's rights in the Assigned Applications. It is set forth herein in its set discretion. If any provision hereund wission shall remain to the full extent permissible by law and the of	ssignee my entire right, title and interest in and to their countries, where "Assigned Applications" coveries and other subject matter described, reissue, re-examination or other application is law or treaty, and any patent issuing from the eright to claim such priority or benefit. I have not rights in the Assigned Applications to a third any other governmental agency in the world, to and to record assignee's ownership thereof, atton, to execute and deliver documents prepared estimony, as may be reasonably required to Assignee may assign or transfer all or part of its ler is unenforceable, the requirements of the offending portions thereof shall be deemed	
07/29/2009 My	07/29/7009	Me	
(Date) (Signature)	(Date)	(Signature)	
Wilness  Tawei Chen  Printed Name of Witness	Wilness		

GOOGLE 3.0-075 - ASSIGNMENT

## LDLKM

ASSIGNMENT OF PATENT APPLICATION  GOOGLE 3.0-075  WHEREAS, I, Zhengrong Ji of 1035 Aster Avenue, #2190; Sunnyvale, California 94086, have invented discovered inventions or discoveries, the subject matter of which is described in the patent application entitled SYSTEM AND METHOD FOR IDENTIFYING MULTIPLE PATHS BETWEEN NETWORK NODES (hereafter "Patent Application"),				
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NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in an the Assigned Applications in the United States of America and all other countries, where "Assigned Applications' means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, relissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the worl issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof At assignee's expanse and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of rights set forth herein in its sole discretion. If any provision hereunder is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.	e not d, to of,			
17/20/2019				
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Witness  Tsauce Chen Printed Name of Witness				

GOOGLE 3.0-075 - ASSIGNMENT

PATENT REEL: 023031 FRAME: 0948

	Docket Number (Optional)		
	Docket Number (Optional)		
ASSIGNMENT OF PATENT APPLICATION	GOOGLE 3.0-075		
	G000E 0.047		
WHEREAS, I. Yuguang Wu of 4214 Tobin Circle: Santa Clara, California 95054, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled SYSTEM AND METHOD FOR IDENTIFYING MULTIPLE PATHS BETWEEN NETWORK NODES (hereafter "Patent Application").			
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07-29-09	7		
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Wen Z Witness TSuwei Chen Printed Name of Witness			

GOOGLE 3.0-075 - ASSIGNMENT

**RECORDED: 07/31/2009** 

PATENT REEL: 023031 FRAME: 0949