

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xincheng ZHANG</td> <td>10/16/2012</td> </tr> <tr> <td>Jia LIU</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xincheng ZHANG	10/16/2012	Jia LIU	10/16/2012
Name	Execution Date						
Xincheng ZHANG	10/16/2012						
Jia LIU	10/16/2012						
RECEIVING PARTY DATA							
Name:	GOOGLE INC.						
Street Address:	1600 Amphitheater Parkway						
City:	Mountain View						
State/Country:	CALIFORNIA						
Postal Code:	94043						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13653796</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13653796		
Property Type	Number						
Application Number:	13653796						
CORRESPONDENCE DATA							
Fax Number:	2022937860						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	202-293-7060						
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Correspondent Name:	Sughrue Mion, LLC						
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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037						
ATTORNEY DOCKET NUMBER:	CA2333						
NAME OF SUBMITTER:	Joanna Sanchez, New Apps. Specialist						
Total Attachments: 1 source=CA2333_EXECUTED_ASSIGNMENT#page 1.tif							

OP \$40.00 13653796

Assignment

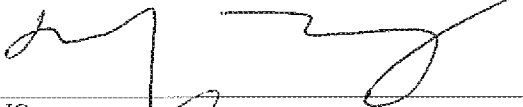
Whereas, We, Xincheng ZHANG of Sunnyvale, CA; and Jia LIU of Sunnyvale, CA, respectively, hereinafter called assignors, have invented certain improvements in SHARING ONLINE WITH GRANULARITY and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, GOOGLE INC. of 1600 Amphitheater Parkway, Mountain View, CA 94043, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

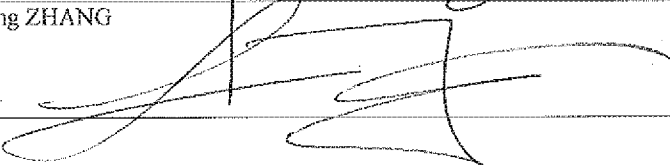
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue NW, Suite 800, Washington D.C. 20037-3213 to insert here in parentheses (Application number 13/653,796 and Confirmation number 1047, filed October 17, 2012) the application number, confirmation number and filing date of said application when known.

Date: 10/16/2012 

 s/Xincheng ZHANG

Date: 10/16/2012 

 s/Jia LIU

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)