

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Timothy O'Connor</td> <td>04/08/2013</td> </tr> <tr> <td>Abby W. Johns</td> <td>03/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Timothy O'Connor	04/08/2013	Abby W. Johns	03/19/2013
Name	Execution Date						
Timothy O'Connor	04/08/2013						
Abby W. Johns	03/19/2013						
RECEIVING PARTY DATA							
Name:	Google Inc.						
Street Address:	1600 Amphitheatre 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>13804021</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13804021		
Property Type	Number						
Application Number:	13804021						
CORRESPONDENCE DATA							
Fax Number:	8777697945						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	612-335-5070						
Email:	jhr@fr.com						
Correspondent Name:	Steve M. Fusselman						
Address Line 1:	FISH & RICHARDSON P.C.						
Address Line 2:	P.O.BOX 1022						
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022						
ATTORNEY DOCKET NUMBER:	16113-4699001						
NAME OF SUBMITTER:	Steve M. Fusselman						
Signature:	/Steve M. Fusselman/						
Date:	04/09/2013						
Total Attachments: 2 source=161134699001Assignment#page1.tif source=161134699001Assignment#page2.tif							

CH \$40.00 13804021

ASSIGNMENT

For valuable consideration, we, TIMOTHY O'CONNOR of 6 Hetfield Place Moraga CA 94556, ABBY W. JOHNS of 393 3rd Street #3 Brooklyn, NY 11215, 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 throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PROVIDING CONTENT TO DEVICES IN A CLUSTER, filed 3/14/2013, and assigned U.S. Serial Number 13/804,021, 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 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 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.



TIMOTHY O'CONNOR

Witnessed by:



Signature


Date: 4/8/13

HAO TANG

Typed or Printed Name

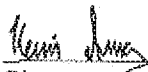
1600 Amphitheatre Pkwy
Mountain View CA 94043

Witness Address



ABBY W. JOHNS

Witnessed by:



Signature

Date: 3/19/13

Kevin Song

Typed or Printed Name

116 John Street Apt. 1806
New York, NY 10038

Witness Address