

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>Engin Cinar Sahin</td> <td>04/15/2013</td> </tr> <tr> <td>Vinicius J. Fortuna</td> <td>04/15/2013</td> </tr> <tr> <td>Emma S. Persky</td> <td>05/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Engin Cinar Sahin	04/15/2013	Vinicius J. Fortuna	04/15/2013	Emma S. Persky	05/18/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Google Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1600 Amphitheatre Parkway</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94043</td> </tr> </table>		Name:	Google Inc.	Street Address:	1600 Amphitheatre Parkway	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043
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CORRESPONDENCE DATA											
Fax Number: 8777697945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (202) 626-7708 Email: apsi@fr.com Correspondent Name: Leland I. Gardner Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022											
ATTORNEY DOCKET NUMBER:	16113-4797001										
NAME OF SUBMITTER:	Lori L. Stewart										
Signature:	/Lori L. Stewart/										

Date:

05/20/2013

Total Attachments: 2


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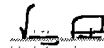
ASSIGNMENT

WHEREAS, we, Engin Cinar Sahin of 155 E. 23rd Street, Apt.604 New York, NY 10010; Vinicius J. Fortuna of 415 Main Street, Apt.7C New York, NY 10044; and Emma S. Persky of 245 East 124th Street 9G New York, NY 10035, hereby assign to Google Inc., a corporation organized under the laws of Delaware having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, and its successors and assigns (collectively, "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are the subject or subjects of a patent application naming us as inventor(s), with United States application or PCT international application number 13/803,986 and a filing date of March 14, 2013. 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 includes 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. 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.

Dated: Apr 15, 2013

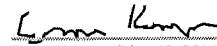

Engin Cinar Sahin (Apr 15, 2013)
Engin Cinar Sahin

Dated: Apr 15, 2013


Vinicius Jose Fortuna (Apr 15, 2013)

Vinicius J. Fortuna

Dated: May 18, 2013


Emma Persky (May 18, 2013)

Emma S. Persky

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RECORDED: 05/20/2013

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Document Integrity Verified

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