

## 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>Leon Poutievski</td> <td>07/11/2012</td> </tr> <tr> <td>Amin Vahdat</td> <td>07/11/2012</td> </tr> <tr> <td>Ashish Naik</td> <td>07/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Leon Poutievski	07/11/2012	Amin Vahdat	07/11/2012	Ashish Naik	07/09/2012		
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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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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>13547949</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13547949						
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CORRESPONDENCE DATA											
<p>Fax Number: (617)235-9492</p> <p>Phone: 617-951-7000</p> <p>Email: christine.colbert@ropesgray.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Ropes &amp; Gray LLP</p> <p>Address Line 1: Prudential Tower- 800 Boylston Street</p> <p>Address Line 2: IPRM Docketing-43rd Floor</p> <p>Address Line 4: Boston, MASSACHUSETTS 02199</p>											
ATTORNEY DOCKET NUMBER:	108827-1082-101										
NAME OF SUBMITTER:	Christine M. Colbert										
<p>Total Attachments: 3</p> <p>source=108827_1082_101_Executed_Assignment#page1.tif</p> <p>source=108827_1082_101_Executed_Assignment#page2.tif</p> <p>source=108827_1082_101_Executed_Assignment#page3.tif</p>											

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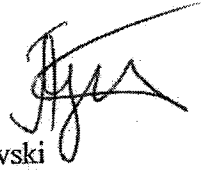
ASSIGNMENT

For valuable consideration, we, Leon Poutievski, residing at 2470 Michele Jean Way, Santa Clara, California 95050, Amin Vahdat, residing at 481 Casita Way, Los Altos, California 94022 and Ashish Naik, residing at 1082 Yorkshire Drive, Los Altos, California 94024, 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 NETWORKING SYSTEMS WITH DYNAMICALLY CHANGING TOPOLOGIES, filed July 12, 2012, and assigned U.S. Serial Number 13/547,949, 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 my 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.



Leon Poutievski

Witnessed by:



Signature

Date: 7/11/12

Mohammad Al-Fares  
Typed or Printed Name



Amin Vahdat

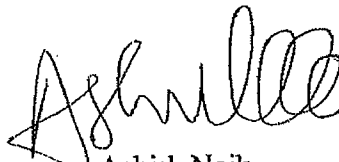
Witnessed by:




Signature

Date: 7/11/12

Mohammad Al-Fares  
Typed or Printed Name

  
Ashish Naik

Witnessed by:

  
Signature

Date: 7/9/12

K.M.K. Chakravarty  
Typed or Printed Name