

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Vijay Chandramohan</td> <td>09/12/2012</td> </tr> <tr> <td>Sushant Jain</td> <td>09/12/2012</td> </tr> <tr> <td>Alok Kumar</td> <td>09/12/2012</td> </tr> <tr> <td>Anand Raghuraman</td> <td>10/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vijay Chandramohan	09/12/2012	Sushant Jain	09/12/2012	Alok Kumar	09/12/2012	Anand Raghuraman	10/04/2012
Name	Execution Date										
Vijay Chandramohan	09/12/2012										
Sushant Jain	09/12/2012										
Alok Kumar	09/12/2012										
Anand Raghuraman	10/04/2012										
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>13709619</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13709619						
Property Type	Number										
Application Number:	13709619										
CORRESPONDENCE DATA											
Fax Number:	6172359492										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617951-7000										
Email:	christine.colbert@ropesgray.com										
Correspondent Name:	Ropes & Gray LLP										
Address Line 1:	Prudential Tower-800 Boylston Street										
Address Line 2:	IPRM Docketing -43rd Floor										
Address Line 4:	Boston, MASSACHUSETTS 02199										
ATTORNEY DOCKET NUMBER:	108827-1068-101										
NAME OF SUBMITTER:	Christine M. Colbert										
Total Attachments: 6											

CH \$40.00 13709619

source=12_10_12_108827_1068_101_Assignment#page1.tif
source=12_10_12_108827_1068_101_Assignment#page2.tif
source=12_10_12_108827_1068_101_Assignment#page3.tif
source=12_10_12_108827_1068_101_Assignment#page4.tif
source=12_10_12_108827_1068_101_Assignment#page5.tif
source=12_10_12_108827_1068_101_Assignment#page6.tif

ASSIGNMENT

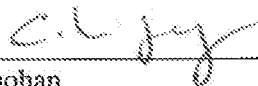
For valuable consideration, we, Vijay Chandramohan, residing at 718 Old San Francisco Road, Apt. 138, Sunnyvale, California 94086; Sushant Jain, residing at 1360 Sage Hen Way, Sunnyvale, California 94086; Alok Kumar, residing at 4491 Maybeck Ter., Fremont, California 94536; and Anand Raghuraman, residing at 1480 Elam Ave., Campbell, California 95008, hereby assign to:

Google Inc., a corporation of Delaware having a place of business at:

1600 Amphitheatre Parkway
Mountain View, California 94043; and

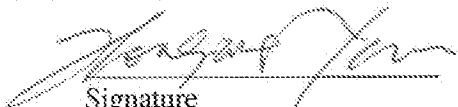
its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SYSTEMS AND METHODS FOR TESTING A CENTRAL CONTROLLER IN A CENTRALLY MANAGED NETWORK, filed _____ and assigned U.S. Serial Number _____, 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.



Vijay Chandramohan

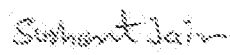
Witnessed by:



Signature
Eric Yan

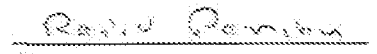
Typed or Printed Name

Date: 9/12/2012



Sushant Jain

Witnessed by:



Signature
RAJIV RANJAN

Typed or Printed Name

Date: 9/12/2012

Alok Kumar
Alok Kumar

Witnessed by:

Rajiv Ramani
Signature
5/12/2012
Typed or Printed Name

Date: 5/12/12

Anand Raghuraman
Anand Raghuraman

Witnessed by:

Signature

Typed or Printed Name

Date: _____

ASSIGNMENT

For valuable consideration, we, Vijay Chandramohan, residing at 718 Old San Francisco Road, Apt. 138, Sunnyvale, California 94086; Sushant Jain, residing at 1360 Sage Hen Way, Sunnyvale, California 94086; Alok Kumar, residing at 4491 Maybeck Ter., Fremont, California 94536; and Anand Raghuraman, residing at 1480 Elam Ave., Campbell, California 95008, 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 SYSTEMS AND METHODS FOR TESTING A CENTRAL CONTROLLER IN A CENTRALLY MANAGED NETWORK, filed _____ and assigned U.S. Serial Number _____, 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.

Vijay Chandramohan

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Sushant Jain

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Alok Kumar

Witnessed by:

Signature

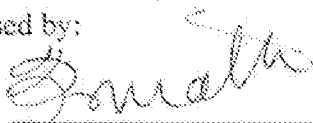
Date: _____

Typed or Printed Name



Arand Raghuraman

Witnessed by:



Signature

Date: 10/04/12

DR SRINATH SRIDHAR

Typed or Printed Name