

PATENT ASSIGNMENT

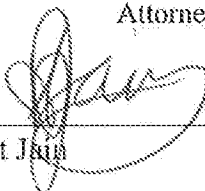
Electronic Version v1.1
 Stylesheet Version v1.1

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>Ankit Jain</td> <td>11/16/2012</td> </tr> <tr> <td>Abhinav Khandelwal</td> <td>11/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ankit Jain	11/16/2012	Abhinav Khandelwal	11/16/2012
Name	Execution Date						
Ankit Jain	11/16/2012						
Abhinav Khandelwal	11/16/2012						
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>13679015</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13679015		
Property Type	Number						
Application Number:	13679015						
CORRESPONDENCE DATA							
Fax Number:	3127758100						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	312-775-8000						
Email:	mhmpto@mcandrews-ip.com						
Correspondent Name:	McAndrews, Held & Malloy, Ltd.						
Address Line 1:	500 W. Madison St.						
Address Line 2:	34th Fl.						
Address Line 4:	Chicago, ILLINOIS 60661						
ATTORNEY DOCKET NUMBER:	25654US01						
NAME OF SUBMITTER:	Ognyan I. Beremski						
<p>Total Attachments: 3 source=25654US01_Assignment_executed#page1.tif source=25654US01_Assignment_executed#page2.tif source=25654US01_Assignment_executed#page3.tif</p>							

CH \$40.00 13679015

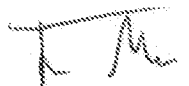
ASSIGNMENT

For valuable consideration, we, ANKIT JAIN of 676 Quince Lane, Milpitas, CA 95035 and ABHINAV KHANDELWAL of A-304 Shantivan 3, Raheja Township, Malad East, Mumbai, Maharashtra, India 400097, hereby assigns 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 me, entitled RANKING SIGNALS FOR SPARSE CORPORA, filed November 16, 2012, and assigned U.S. Serial Number 13/679,015, 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 names 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.



Ankit Jain

Witnessed by:



Signature

Date: 11/16/2012

Jai Mani

Typed or Printed Name

Attorney Docket No. 25654US01



Abhinav Khandelwal

Witnessed by:

Date: 16/11/2012

Signature

Typed or Printed Name