

## 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>Kedar Dhamdhere</td> <td>07/13/2012</td> </tr> <tr> <td>Thomas Strohmman</td> <td>05/25/2012</td> </tr> <tr> <td>P. Pandurang Nayak</td> <td>05/25/2012</td> </tr> <tr> <td>Robert Spalek</td> <td>05/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kedar Dhamdhere	07/13/2012	Thomas Strohmman	05/25/2012	P. Pandurang Nayak	05/25/2012	Robert Spalek	05/29/2012
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<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											
<p>Fax Number: 8777697945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 626-7703        Email: apsi@fr.com        Correspondent Name: I-Wei Hsieh        Address Line 1: FISH &amp; RICHARDSON P.C.        Address Line 2: P.O.BOX 1022        Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	16113-3549001										
NAME OF SUBMITTER:	Katie Burwell										
Signature:	/Katie Burwell/										

PATENT

Date:

04/25/2013

**Total Attachments: 4**

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ASSIGNMENT

For valuable consideration, we, KEDAR DHAMDHERE of 1248 W. McKinley Apt. 4, Sunnyvale, CA 94086, THOMAS STROHMANN of 3730 Parish Avenue, Fremont, CA 94536, P. PANDURANG NAYAK of 801 Talisman Drive, Palo Alto, CA 94303, ROBERT SPALEK of 468 Madera Avenue, Apt. 1, Sunnyvale, CA 94086, 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 USING CONCEPTS AS CONTEXTS FOR QUERY TERM SUBSTITUTIONS, filed 10/12/2012, and assigned U.S. Serial Number 13/650,322, 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.



KEDAR DHAMDHERE

Witnessed by:



Signature

Date: 07/13/2012

RAJAT RAINA

Typed or Printed Name

137 PACCHETTI WAY

MOUNTAIN VIEW, CA 94040

Witness Address

THOMAS STROHMANN

Witnessed by:

Signature

Date: \_\_\_\_\_

Typed or Printed Name

Witness Address

\_\_\_\_\_  
KEDAR DHAMDHERE

Witnessed by:

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Typed or Printed Name

\_\_\_\_\_  
Witness Address

  
\_\_\_\_\_  
THOMAS STROHMANN

Witnessed by:

  
\_\_\_\_\_  
Signature

Date: May 25, 2012

Jordan GERGOV  
\_\_\_\_\_  
Typed or Printed Name

1600 Amphitheatre Pkwy  
Mountain View, CA  
\_\_\_\_\_  
Witness Address

P. Pandurang Nayak  
P. PANDURANG NAYAK

Witnessed by:

Yongjik Kim  
Signature

Date: May 25, 2012

YONGJIK KIM  
Typed or Printed Name

11971 Brookridge Dr.  
Saratoga, CA 95070, USA  
Witness Address

Robert Spalek  
ROBERT SPALEK

Witnessed by:

Dan Popovici  
Signature

Date: 5/29/2012

DAN POPOVICI  
Typed or Printed Name

22500 Poppy Dr  
Cupertino, CA 95014  
Witness Address