

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3167551

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASHUTOSH GARG	01/05/2010
KEDAR DHAMDHERE	12/30/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOOGLE INC.
<b>Street Address:</b>	1600 AMPHITHEATRE PARKWAY
<b>City:</b>	MOUNTAIN VIEW
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14538120
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(678) 656-3787
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	TRACY M. HITT
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	16113-1148003
<b>NAME OF SUBMITTER:</b>	EDWARD L. PENANO
<b>SIGNATURE:</b>	/EDWARD L. PENANO/
<b>DATE SIGNED:</b>	12/31/2014
<b>Total Attachments: 3</b>	
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ASSIGNMENT

For valuable consideration, we, ASHUTOSH GARG of 893 Firethorn Terrace, Sunnyvale, CA 94086 and KEDAR DHAMDHERE of 1248 W. McKinley Apt. 4 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 **PROVIDING REMEDIAL SEARCH OPERATION BASED ON ANALYSIS OF USER INTERACTION WITH SEARCH RESULTS** filed January 30, 2009 and assigned U.S. Serial Number 61/148,654 and filed 1/29/2010, and assigned U.S. Serial Number 12/696,321, 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.

*Ashu*

ASHUTOSH GARG

Witnessed by:

*Shilpi Agarwal*  
Signature

Date: 01/05/10

SHILPI AGARWAL  
Typed or Printed Name

893 Firehorn Ter  
Sunnyvale CA - 94086  
Witness Address

\_\_\_\_\_

KEDAR DHAMDHERE

Witnessed by:

\_\_\_\_\_  
Signature

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

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

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

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ASHUTOSH GARG

Witnessed by:

Signature

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

Typed or Printed Name

Witness Address

*Kedar Dhamdhare*

KEDAR DHAMDHERE

Witnessed by:

*[Signature]*

Signature

Date: 12/30/2009

*Dimitra Papachristou*  
Typed or Printed Name

*1600 Amphitheatre Parkway,  
Mountain View, CA 94042*  
Witness Address

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