

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Eldar Sadikov	11/12/2010
Jayant Madhavan	11/12/2010
Alon Halevy	11/12/2010
<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>	12938205
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(650) 839-5070
<b>Email:</b>	brasil@fr.com
<b>Correspondent Name:</b>	Liyong Sun
<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>	16113-1985001
<b>NAME OF SUBMITTER:</b>	Carlos A. Brasil

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Total Attachments: 3  
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**PATENT**  
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## ASSIGNMENT

For valuable consideration, we, ELDAR SADIKOV of 1101 Noel Dr. Apt. 8, Menlo Park, CA 94025, JAYANT MADHAVAN of 315 Roosevelt Way, Apt. 8, San Francisco, CA 94114, ALON HALEVY of 425 Becker Lane, Los Altos, CA, 94022, 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 CLUSTERING QUERY REFINEMENTS BY INFERRED USER INTENT, filed 11/02/2010, and assigned U.S. Serial Number 12/938,205, 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.

Eldar Sadikov  
ELDAR SADIKOV

Witnessed by:

[Signature]  
Signature

Date: 11/12/2010

MARIA MONTSERRAT MEDINA MARTINEZ  
Typed or Printed Name

1101 NOEL DRIVE, APT 8  
MENLO PARK, CA 94025  
Witness Address

[Signature]  
JAYANT MADHAVAN

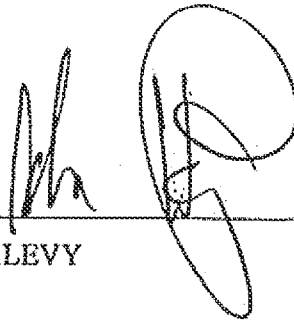
Witnessed by:

[Signature]  
Signature

Date: 11/12/2010

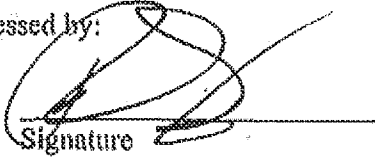
ANNO LANGEN  
Typed or Printed Name

973 Indian Rock Ave  
Berkeley CA 94707  
Witness Address



ALON HALEVY

Witnessed by:



Signature

Date: 11/12/2010

Rebecca Shapley  
Typed or Printed Name

750 Telford Ave  
Mountain View, CA 94043  
Witness Address

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