

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Eldar Sadikov</td> <td>11/12/2010</td> </tr> <tr> <td>Jayant Madhavan</td> <td>11/12/2010</td> </tr> <tr> <td>Alon Halevy</td> <td>11/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	Eldar Sadikov	11/12/2010	Jayant Madhavan	11/12/2010	Alon Halevy	11/12/2010
Name	Execution Date								
Eldar Sadikov	11/12/2010								
Jayant Madhavan	11/12/2010								
Alon Halevy	11/12/2010								
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>13854275</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13854275				
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Application Number:	13854275								
CORRESPONDENCE DATA									
Fax Number:	8777697945								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(404) 892-5005								
Email:	apsi@fr.com								
Correspondent Name:	Yasser A. Zaghloul								
Address Line 1:	FISH & RICHARDSON P.C.								
Address Line 2:	P.O.BOX 1022								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022								
ATTORNEY DOCKET NUMBER:	16113-1985002								
NAME OF SUBMITTER:	Marcos Vera								
Signature:	/Marcos Vera/								

Date:

05/10/2013

Total Attachments: 3

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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

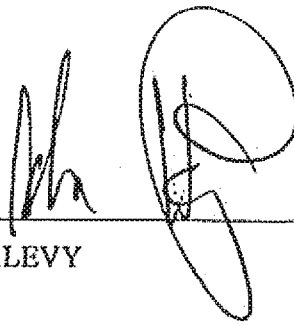
Witnessed by:

[Signature]
Signature

Date: 11/12/2010

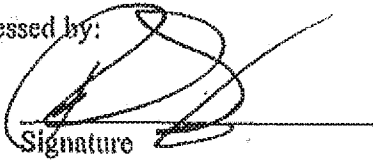
ANNO LANGEN
Typed or Printed Name

273 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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