

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the The name of a conveying party from Alexander Grushetsky to Oleksandr Grushetsky previously recorded on Reel 027322 Frame 0738. Assignor(s) hereby confirms the assignment from Hyung-Jin Kim, Alexander Grushetsky, and Andrei Lopatenko to Google Inc..										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hyung-Jin Kim</td> <td>08/31/2009</td> </tr> <tr> <td>Oleksandr Grushetsky</td> <td>08/31/2009</td> </tr> <tr> <td>Andrei Lopatenko</td> <td>08/31/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hyung-Jin Kim	08/31/2009	Oleksandr Grushetsky	08/31/2009	Andrei Lopatenko	08/31/2009		
Name	Execution Date										
Hyung-Jin Kim	08/31/2009										
Oleksandr Grushetsky	08/31/2009										
Andrei Lopatenko	08/31/2009										
RECEIVING PARTY DATA											
<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>94063</td> </tr> </table>		Name:	Google Inc.	Street Address:	1600 Amphitheatre Parkway	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94063
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Postal Code:	94063										
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>13310901</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13310901						
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CORRESPONDENCE DATA											
Fax Number:	8777697945										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(650) 839-5070										
Email:	apsi@fr.com										
Correspondent Name:	Daniel Burns										
Address Line 1:	FISH & RICHARDSON P.C.										
Address Line 2:	P.O.BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	16113-1852002										
NAME OF SUBMITTER:	Marcos Vera										

CH \$40.00 13310901

Signature:	/Marcos Vera/
Date:	06/05/2013
Total Attachments: 7 source=16113-1852002-CoverSheet#page4.tif source=16113-1852001-Old Assignment#page5.tif source=16113-1852001-Old Assignment#page6.tif source=16113-1852001-Old Assignment#page7.tif source=GP-2297-00-US-Correct Signed Assignment_16113-1852001#page1.tif source=GP-2297-00-US-Correct Signed Assignment_16113-1852001#page2.tif source=GP-2297-00-US-Correct Signed Assignment_16113-1852001#page3.tif	

PATENT ASSIGNMENT

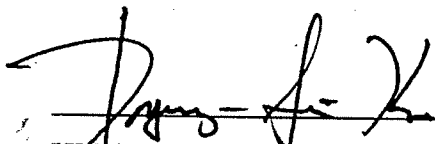
Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hyung-Jin Kim	08/31/2009
Alexander Grushetsky	08/31/2009
Andrei Lopatenko	08/31/2009
RECEIVING PARTY DATA	
Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13310901
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
Phone:	(617) 542-5070
Email:	forrest@fr.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Jeffrey D. Weber
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	16113-1852002
NAME OF SUBMITTER:	Cheryl A. Forrest
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

CH \$40.00 13310901

ASSIGNMENT

For valuable consideration, we, HYUNG-JIN KIM of 1035 Lassen Terrace Sunnyvale, CA 94086, ALEXANDER GRUSHETSKY of 19608 Pruneridge Avenue Apt 7304 Cupertino, CA 95014, ANDREI LOPATENKO of 19608 Pruneridge Avenue Apt 9106 Cupertino, CA 95014, 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 REFINING SEARCH RESULTS, filed 8/31/2009, and assigned U.S. Serial Number 12/551,052, 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.


HYUNG-JIN KIM

Witnessed by:

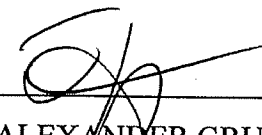
M. Kuramochi
Signature

Date: 8/31/09

Michihiro Kuramochi
Typed or Printed Name

1091 Tanland Dr #215

Palo Alto CA 94303
Witness Address


ALEXANDER GRUSHETSKY

Witnessed by:


Signature

Date: 8/31/09

ANDREI DAMIAN
Typed or Printed Name

146 A PIXLEY ST
SAN FRANCISCO, CA 94123
Witness Address



ANDREI LOPATENKO

Witnessed by:

M. Kuramochi
Signature

Date: 08/31/2009

Michihito Kuramochi
Typed or Printed Name

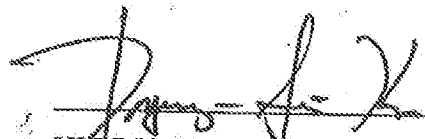
1091 Tanland Dr #215

Palo Alto CA 94303
Witness Address

22255621.doc

ASSIGNMENT

For valuable consideration, we, HYUNG-JIN KIM of 1035 Lassen Terrace Sunnyvale, CA 94086, ~~ALEXANDER GRUSHETSKY~~ ^{OLEKSANDR GRUSHETSKY 5/23/2009 OAG} of 19608 Pruneridge Avenue Apt 7304 Cupertino, CA 95014, ANDREI LOPATENKO of 19608 Pruneridge Avenue Apt 9106 Cupertino, CA 95014, 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 REFINING SEARCH RESULTS, filed 8/31/2009, and assigned U.S. Serial Number 12/551,052, 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.



HYUNG-JIN KIM

Witnessed by:

M. Kuramochi
Signature

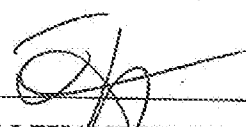
Date: 8/31/09

Michihiro Kuramochi
Typed or Printed Name

1091 Tanland Dr #215

Palo Alto CA 94303

Witness Address



ALEXANDER GRUSHETSKY
OLEKSANDR GRUSHETSKYY
5/22/03 O.G.

Witnessed by:


Signature

Date: 8/31/09

ANDREI DAMIAN
Typed or Printed Name

146 A PIXLEY ST

SAN FRANCISCO, CA 94123

Witness Address



ANDREI LOPATENKO

Witnessed by:

M. Kuramochi
Signature

Date: 08/31/2009

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