

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>Terry Yang-Hoe Koo</td> <td>06/21/2012</td> </tr> <tr> <td>Dan Popovici</td> <td>06/21/2012</td> </tr> <tr> <td>Xin Zheng</td> <td>06/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Terry Yang-Hoe Koo	06/21/2012	Dan Popovici	06/21/2012	Xin Zheng	06/21/2012
Name	Execution Date								
Terry Yang-Hoe Koo	06/21/2012								
Dan Popovici	06/21/2012								
Xin Zheng	06/21/2012								
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>13532326</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13532326				
Property Type	Number								
Application Number:	13532326								
CORRESPONDENCE DATA									
Fax Number:	(877)769-7945								
Phone:	(202) 626-7703								
Email:	ahsieh@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:	I-Wei Hsieh								
Address Line 1:	FISH & RICHARDSON P.C.								
Address Line 2:	P.O.BOX 1022								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022								
ATTORNEY DOCKET NUMBER:	16113-3524001								
NAME OF SUBMITTER:	Lori L. Stewart								
Total Attachments: 6									

CH \$40.00 13532326

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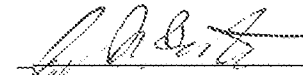
ASSIGNMENT

For valuable consideration, we, TERRY YANG-HOE KOO of 550 Gene Friend Way, Apt 608, San Francisco, CA 94158, DAN POPOVICI of 22560 Poppy Drive, Cupertino, CA 95014, XIN ZHENG of 1000 Escalon Avenue, K2082, Sunnyvale, CA 94085, of, 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 ADDING SYNONYM RULES BASED ON HISTORIC DATA, filed June 25, 2002, and assigned U.S. Serial Number 13/532,326, 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.



TERRY YANG-HOE KOO

Witnessed by:


Signature

Date: 06/21/2012

Jay M. Ponte
Typed or Printed Name

2429 Marjorie Ct
Mountain View CA
Witness Address

DAN POPOVICI

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Witness Address

XIN ZHENG

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Witness Address

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ASSIGNMENT

For valuable consideration, we, TERRY YANG-HOE KOO of 550 Gene Friend Way, Apt 608, San Francisco, CA 94158, DAN POPOVICI of 22560 Poppy Drive, Cupertino, CA 95014, XIN ZHENG of 1000 Escalon Avenue, K2082, Sunnyvale, CA 94085, of, 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 ADDING SYNONYM RULES BASED ON HISTORIC DATA, filed June 25, 2012, and assigned U.S. Serial Number 13/532,326, 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.

TERRY YANG-HOE KOO

Witnessed by:

Signature

Date: _____

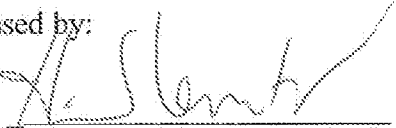
Typed or Printed Name

Witness Address



DAN POPOVICI

Witnessed by:



Signature

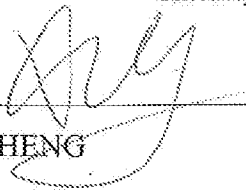
Date: 06/21/2012

HADAR SHEMTOV

Typed or Printed Name


167 BRYANT ST.
PALO ALTO, CA 94301

Witness Address



XIN ZHENG

Witnessed by:



Signature

Date: 6/21/200

HADAR SHENTOV

Typed or Printed Name

167 BRYANT ST
PALO ALTO CA 94301

Witness Address

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