

## 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>Daisuke Ikeda</td> <td>04/02/2012</td> </tr> <tr> <td>Ke Yang</td> <td>03/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke Ikeda	04/02/2012	Ke Yang	03/30/2012
Name	Execution Date						
Daisuke Ikeda	04/02/2012						
Ke Yang	03/30/2012						
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>13438743</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13438743		
Property Type	Number						
Application Number:	13438743						
CORRESPONDENCE DATA							
Fax Number:	(877)769-7945						
Phone:	(650) 839-5165						
Email:	quintana@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:	Michael P. Shepherd						
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Address Line 2:	P.O.BOX 1022						
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ATTORNEY DOCKET NUMBER:	16113-3395001						
NAME OF SUBMITTER:	Linda L. Quintana						
Total Attachments: 4 source=FullyExecutedAssignment#page1.tif source=FullyExecutedAssignment#page2.tif source=FullyExecutedAssignment#page3.tif source=FullyExecutedAssignment#page4.tif							

CH \$40.00 13438743

ASSIGNMENT

For valuable consideration, we, DAISUKE IKEDA of 4-14-11-505 Nakano, Nakano-ku Tokyo, Japan and KE YANG of 10609 Morengo Drive, 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 EVALUATION OF SUBSTITUTE TERMS, filed April 3, 2012, and assigned U.S. Serial Number 13/438,743, 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.

3/10 大介  
DAISUKE IKEDA

Witnessed by:

[Signature]  
Signature

Date: 9/2/2012

ZACHARY GARRETT  
Typed or Printed Name

1-32-3-201 DENENCHIMU  
1-1A-1W, TOKYO JAPAN 195-0071  
Witness Address

\_\_\_\_\_  
KE YANG

Witnessed by:

\_\_\_\_\_  
Signature

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

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

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

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\_\_\_\_\_  
DAISUKE IKEDA

Witnessed by:

\_\_\_\_\_  
Signature

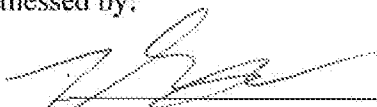
Date: \_\_\_\_\_

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

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

  
\_\_\_\_\_  
KE YANG

Witnessed by:

  
\_\_\_\_\_  
Signature

Date: 3/30/2012

Zhenyu Mao  
\_\_\_\_\_  
Typed or Printed Name

554 Mill River Ln.  
San Jose, CA 95134  
\_\_\_\_\_  
Witness Address