

PATENT ASSIGNMENT

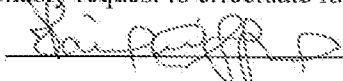
Electronic Version v1.1
 Stylesheet Version v1.1

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>Daniel Kenneth Clifford</td> <td>06/06/2012</td> </tr> <tr> <td>Jakob Martin Rudiger Kummerow</td> <td>06/06/2012</td> </tr> <tr> <td>Yang Guo</td> <td>06/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniel Kenneth Clifford	06/06/2012	Jakob Martin Rudiger Kummerow	06/06/2012	Yang Guo	06/06/2012
Name	Execution Date								
Daniel Kenneth Clifford	06/06/2012								
Jakob Martin Rudiger Kummerow	06/06/2012								
Yang Guo	06/06/2012								
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>13487090</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13487090				
Property Type	Number								
Application Number:	13487090								
CORRESPONDENCE DATA									
Fax Number:	(949)851-9348								
Phone:	949.851.0633								
Email:	mweipdocket@mwe.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:	McDermott Will & Emery LLP								
Address Line 1:	600 13th Street N.W.								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005-3096								
ATTORNEY DOCKET NUMBER:	090364-0026								
NAME OF SUBMITTER:	Andrew D. Mickelsen, Reg. No. 50,957								
Total Attachments: 3 source=090364-0026_Assignment#page1.tif source=090364-0026_Assignment#page2.tif source=090364-0026_Assignment#page3.tif									

CH \$40.00 13487090

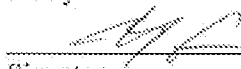
ASSIGNMENT

For valuable consideration, I, Daniel Kenneth Clifford of Steinweg 22a, 85598 Baldham, Germany; Jakob Martin Rüdiger Kummerow of Rathausplatz 8, D-85748 Garching, Germany ; and Yang Guo of Karwendelstr. 28, D81369 Munich, Germany 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 me, entitled REPRESENTATION AND CONVERSION OF DYNAMICALLY-TYPED ARRAYS, filed June 1, 2012, and assigned U.S. Serial Number 13/487,090, and I 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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.



 Daniel Kenneth Clifford

Witnessed by:



 Signature

Yang Guo

 Typed or Printed Name

Karwendelstr. 28

D-81369 Munich, Germany

 Witness Address

Date: June 6, 2012

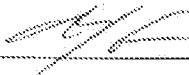
Jakob Kummerow
Jakob Martin Rüdiger Kummerow

Witnessed by:

Daniel Clifford
Signature
Daniel Clifford
Typed or Printed Name

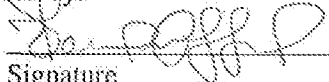
Date: 6/6/2012

Steinweg 22a
85598 Baldham, Bavaria, Germany
Witness Address



Yang Guo

Witnessed by:



Signature

Date: June 6, 2012

Daniel Clifford

Typed or Printed Name

Steinweg 22a

Witness Address

85598 Baltham, Bavaria, Germany

Witness Address