

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>Gregory Matthew MARRA</td> <td>02/05/2012</td> </tr> <tr> <td>Christopher J. MARRA</td> <td>04/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gregory Matthew MARRA	02/05/2012	Christopher J. MARRA	04/19/2012				
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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>94043</td> </tr> </table>		Name:	GOOGLE INC.	Street Address:	1600 Amphitheatre Parkway	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13475270</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13475270						
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CORRESPONDENCE DATA											
<p>Fax Number: (949)851-9348 Phone: 9498510633 Email: mweipdocket@mwe.com, lthorn@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></p> <p>Correspondent Name: Andrew D. Mickelsen Address Line 1: McDermott Will & Emery LLP Address Line 2: 600 13th Street, NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-3096</p>											
ATTORNEY DOCKET NUMBER:	087868-0981										
NAME OF SUBMITTER:	Andrew D. Mickelsen, Reg. No. 50,957										
Total Attachments: 3 source=087868-0981_Assignment#page1.tif source=087868-0981_Assignment#page2.tif source=087868-0981_Assignment#page3.tif											

CH \$40.00 13475270


ASSIGNMENT

For valuable consideration, we, Gregory Matthew MARRA of 229 Noe Street, San Francisco, CA 94114; and Christopher J. MARRA of 72 Cornerstone Dr., South Windsor, CT 06074, 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 AUTOMATED APPLICATION UPDATE CHECKS BASED ON UNEXPECTED ERRORS AND CRASHES, filed May 18, 2012, and assigned U.S. Application Number 13/475,270, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application 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.

Date: 2/5/12


Gregory Matthew MARRA

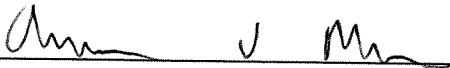
Witnessed by:


Signature

Alex Unger
Typed or Printed Name


1346 McAllister St.
San Francisco, CA 94115
Witness Address

Date: 4/19/2012



Christopher J. MARRA

Witnessed by:


Signature

Date: 4/19/2012

Scott Thomson
Typed or Printed Name

518 Korfat Farm Rd

Wilmington, DE 19803
Witness Address