

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>Andrew Tomkins</td> <td>06/25/2013</td> </tr> <tr> <td>Shanmugasundaram Ravikumar</td> <td>06/23/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Andrew Tomkins | 06/25/2013 | Shanmugasundaram Ravikumar | 06/23/2013 |
| Name | Execution Date | | | | | | |
| Andrew Tomkins | 06/25/2013 | | | | | | |
| Shanmugasundaram Ravikumar | 06/23/2013 | | | | | | |
| 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>13927504</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13927504 | | |
| Property Type | Number | | | | | | |
| Application Number: | 13927504 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
| Fax Number: | 5025881942 | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | |
| Phone: | 502-625-2819 | | | | | | |
| Email: | dkinsman@middletonlaw.com | | | | | | |
| Correspondent Name: | Denise T. Kinsman | | | | | | |
| Address Line 1: | 401 S. Fourth Street | | | | | | |
| Address Line 2: | Suite 2600 | | | | | | |
| Address Line 4: | Louisville, KENTUCKY 40202 | | | | | | |
| ATTORNEY DOCKET NUMBER: | ZS202-13183 | | | | | | |
| NAME OF SUBMITTER: | Scott W. Higdon | | | | | | |
| Signature: | /Scott W. Higdon/ | | | | | | |
| Date: | 07/15/2013 | | | | | | |
| Total Attachments: 2 source=Assignment_Filed#page1.tif source=Assignment_Filed#page2.tif | | | | | | | |

OP \$40.00 13927504

ASSIGNMENT

For valuable consideration, we, Andrew Tomkins of Menlo, California, and Shanmugasundaram Ravikumar of Berkeley, California, 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 Suggestion Refinement, filed June 26, 2013, and assigned U.S. Serial Number 13/927,504 _____, 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 names 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.

Andrew Tomkins
Andrew Tomkins (Jun 25, 2013)

Andrew Tomkins

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Shanmugasundaram Ravikumar
Shanmugasundaram Ravikumar (Jun 23, 2013)

Shanmugasundaram Ravikumar

Witnessed by:

Signature

Date: _____

Typed or Printed Name