

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                    |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
|--|-----------------------------------|---------------|----------------|---------------------|------------|-----------|------------|-----------------|------------|---------------------|------------|-----------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>CONVEYING PARTY DATA</b>  |                                   |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lalitesh Katragadda</td> <td>03/28/2008</td> </tr> <tr> <td>Keith Ito</td> <td>03/27/2008</td> </tr> <tr> <td>James R. Muller</td> <td>03/28/2008</td> </tr> <tr> <td>Ramesh Balakrishnan</td> <td>03/28/2008</td> </tr> <tr> <td>James C. Norris</td> <td>04/03/2008</td> </tr> </tbody> </table> |                                   | Name          | Execution Date | Lalitesh Katragadda | 03/28/2008 | Keith Ito | 03/27/2008 | James R. Muller | 03/28/2008 | Ramesh Balakrishnan | 03/28/2008 | James C. Norris | 04/03/2008 |
| Name   | Execution Date                    |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| Lalitesh Katragadda  | 03/28/2008                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| Keith Ito  | 03/27/2008                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| James R. Muller  | 03/28/2008                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| Ramesh Balakrishnan  | 03/28/2008                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| James C. Norris  | 04/03/2008                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>RECEIVING PARTY DATA</b>  |                                   |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Name:</b>   | Google Inc.                       |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Street Address:</b>   | 1600 Amphitheatre Parkway         |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>City:</b>   | Mountain View                     |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>State/Country:</b>  | CALIFORNIA                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Postal Code:</b>  | 94043                             |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                   |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12001467</td> </tr> </tbody> </table>  |                                   | Property Type | Number         | Application Number: | 12001467   |           |            |                 |            |                     |            |                 |            |
| Property Type  | Number                            |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| Application Number:  | 12001467                          |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>CORRESPONDENCE DATA</b>   |                                   |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Fax Number:</b>   | (877)769-7945                     |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                                   |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Phone:</b>  | (617) 956-5959                    |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Email:</b>  | cao@fr.com                        |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Correspondent Name:</b>   | Rex I. Huang                      |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Address Line 1:</b>   | FISH & RICHARDSON P.C.            |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Address Line 2:</b>   | P.O.BOX 1022                      |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>Address Line 4:</b>   | MINNEAPOLIS, MINNESOTA 55440-1022 |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 16113-0256001                     |               |                |                     |            |           |            |                 |            |                     |            |                 |            |
| <b>NAME OF SUBMITTER:</b>  | Cathy A. O'Brien                  |               |                |                     |            |           |            |                 |            |                     |            |                 |            |

CH \$40.00 12001467

**Total Attachments: 6**

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ASSIGNMENT

For valuable consideration, we, LALITESH KATRAGADDA of AI Chartered Raga, McPherson Road, Bangalore, Karnataka, India, KEITH ITO of 514 E. Roy Street, #303, Seattle, WA 98102, JAMES R. MULLER of 535 Everett Avenue, #610, Palo Alto, CA 94301, RAMESH BALAKRISHNAN of 301 King Street, #1008, San Francisco, CA 94158, JAMES C. NORRIS of 575 South Rengstorff Avenue, #168, Mountain View, CA 94040, 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 RANKING OF GEOGRAPHIC INFORMATION, filed December 11, 2007, and assigned U.S. Serial Number 12/001,467, 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.

  
\_\_\_\_\_  
LALITESH KATRAGADDA

Witnessed by:

Y. S. Anand  
Signature

Date: Nov 28, 2018

Y. S. Anand  
Typed or Printed Name

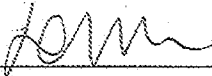
KM2, INC 16177  
Old Mysore Road, Bangalore  
Witness Address

Attorney's Docket No.: 16113-0256001  
Client's Ref. No.: GP-992-00-US



KEITH ITO

Witnessed by:



Signature

Date: 3/27/08

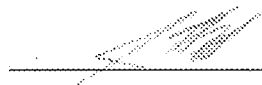
Ester Kwon

Typed or Printed Name

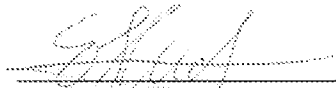
4528 8th Ave NE 4B

Seattle, WA 98105

Witness Address

  
\_\_\_\_\_  
JAMES R. MULLER

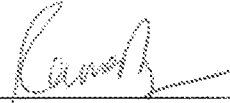
Witnessed by:

  
\_\_\_\_\_  
Signature

Date: 28 March 2008

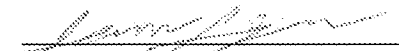
Eugene Madilman  
Typed or Printed Name

707 Continental Circle, #127  
Mountain View, CA 94040  
Witness Address



RAMESH BALAKRISHNAN

Witnessed by:

  
Signature


Date: 3/28/2008

James Lyons  
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\_\_\_\_\_  
JAMES C. NORRIS

Witnessed by:

  
\_\_\_\_\_  
Signature

Date: 4/3/2005

Kevin Fox  
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Sunnyvale, CA 94087  
\_\_\_\_\_  
Witness Address

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