

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>Roy Michael Bannon</td> <td>06/22/2012</td> </tr> <tr> <td>Scott McCauley</td> <td>06/22/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Roy Michael Bannon | 06/22/2012 | Scott McCauley | 06/22/2012 | | | | |
| Name | Execution Date | | | | | | | | | | |
| Roy Michael Bannon | 06/22/2012 | | | | | | | | | | |
| Scott McCauley | 06/22/2012 | | | | | | | | | | |
| 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 |
| 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>13532261</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13532261 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13532261 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (617)235-9492 Phone: 617-951-7000 Email: liseann.ruggeri-kalil@ropesgray.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: Ropes & Gray LLP Address Line 1: Prudential Tower - 800 Boylston Street Address Line 2: IPRM Docketing - 43rd Floor Address Line 4: Boston, MASSACHUSETTS 02199</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 108827-1014-101 | | | | | | | | | | |
| NAME OF SUBMITTER: | Lise Ann Ruggeri-Kalil | | | | | | | | | | |
| Total Attachments: 2 source=108827_1014_101_Assignment#page1.tif source=108827_1014_101_Assignment#page2.tif | | | | | | | | | | | |

CH \$40.00 13532261

ASSIGNMENT

For valuable consideration, we: Roy Michael Bannon, residing at 256 Fulton Street, Palo Alto, California 94301; and Scott McCauley, residing at 1067 Manhattan Ct., Sunnyvale California 94087

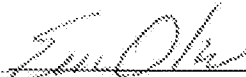
hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and

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 HARDWARE PLANE PROVIDING IMPROVED COOLING AIR FLOW, filed June 25, 2012 and assigned U.S. Serial Number 13/532,261, 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 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 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.

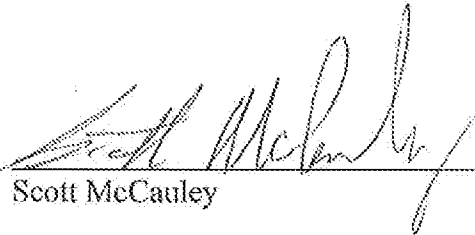

Roy Michael Bannon

Witnessed by:

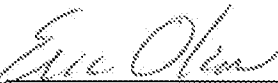

Signature

Date: 22 JUN 2012

Eric Olsen
Typed or Printed Name


Scott McCauley

Witnessed by:


Signature

Date: 22 June 2012

Eric Olsen
Typed or Printed Name