

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>Michael James Taylor</td> <td>03/05/2013</td> </tr> <tr> <td>Ray Xiaohang Wang</td> <td>03/05/2013</td> </tr> <tr> <td>Yakov Okshtein</td> <td>03/05/2013</td> </tr> <tr> <td>Farhan Shamsi</td> <td>03/05/2013</td> </tr> <tr> <td>Mohammad Hossain Sheikh Attar</td> <td>03/05/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Michael James Taylor | 03/05/2013 | Ray Xiaohang Wang | 03/05/2013 | Yakov Okshtein | 03/05/2013 | Farhan Shamsi | 03/05/2013 | Mohammad Hossain Sheikh Attar | 03/05/2013 |
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| Michael James Taylor | 03/05/2013 | | | | | | | | | | | | |
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| Farhan Shamsi | 03/05/2013 | | | | | | | | | | | | |
| Mohammad Hossain Sheikh Attar | 03/05/2013 | | | | | | | | | | | | |
| 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>13786416</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13786416 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13786416 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: | 2403594879 | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | |
| Phone: | 912 257 4864 | | | | | | | | | | | | |
| Email: | marina@jmi-iplaw.com | | | | | | | | | | | | |
| Correspondent Name: | Johnson, Marcou & Isaacs, LLC | | | | | | | | | | | | |
| Address Line 1: | 317A East Liberty Street | | | | | | | | | | | | |
| Address Line 4: | Savannah, GEORGIA 31401 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | GOOG-1185 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Marina Orman | | | | | | | | | | | | |
| Signature: | /Marina Orman/ | | | | | | | | | | | | |

OP \$40.00 13786416

Date:

09/19/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS, WE,

1. **Michael James Taylor, ASSIGNOR, a citizen of Canada, with a correspondence address of 151 Charles Street West, Suite 200, Kitchener, Ontario, N2G 1H6;**
2. **Ray (Xiaohang) Wang, ASSIGNOR, a citizen of China, with a correspondence address of 1600 Amphitheatre Parkway, Mountain View, CA 94043;**
3. **Yakov Okshtein, ASSIGNOR, a citizen of the United States of America, with a correspondence address of 1600 Amphitheatre Parkway, Mountain View, CA 94043;**
4. **Farhan Shamsi, ASSIGNOR, a citizen of the United States of America, with a correspondence address of 1600 Amphitheatre Parkway, Mountain View, CA 94043; and**
5. **Mohammad Hossain Sheikh Attar, ASSIGNOR, a citizen of Iran, with a correspondence address of 151 Charles Street West, Suite 200, Kitchener, Ontario, N2G 1H6,**

are the inventors of the invention described in

ADAPTIVE LOCATION UPDATING

for which we have executed an application for a Patent of the United States

- which was filed herewith
 which was filed on March 5, 2013 as U.S. Patent Application No. 13/786,416; and

WHEREAS, **Google Inc.**, a corporation of the State of Delaware, having a place of business at **1600 Amphitheatre Parkway, Mountain View, CA 94043**, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the

right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of the instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

AND WE HEREBY authorize a representative of Johnson, Marcou & Isaacs, LLC, 317A East Liberty Street, Savannah, Georgia 31401, USA, to insert in the blanks above the filing date and application number of the U.S. Patent application when known.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year opposite our respective signatures.

Date: Mar 5, 2013

Signed: 
Michael Taylor (Mar 5, 2013)
Michael James Taylor

Date: Mar 5, 2013

Signed: 
Xiaohang Wang (Mar 5, 2013)
Ray (Xiaohang) Wang

Date: Mar 5, 2013

Signed: 
Yakov Okshtein (Mar 5, 2013)
Yakov Okshtein

Date: Mar 5, 2013

Signed: 
Farhan Shamsi (Mar 5, 2013)
Farhan Shamsi

Date: Mar 5, 2013

Signed: 
Mohammad Hossain Sheikh Attar (Mar 5, 2013)
Mohammad Hossain Sheikh Attar