

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>Hui Fang</td> <td>10/08/2012</td> </tr> <tr> <td>Vivek Kwatra</td> <td>11/06/2012</td> </tr> <tr> <td>Meng Zhang</td> <td>11/05/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Hui Fang | 10/08/2012 | Vivek Kwatra | 11/06/2012 | Meng Zhang | 11/05/2012 |
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| Hui Fang | 10/08/2012 | | | | | | | | |
| Vivek Kwatra | 11/06/2012 | | | | | | | | |
| Meng Zhang | 11/05/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Google Inc. | | | | | | | | |
| Street Address: | 1600 Amphitheatre Parkway, Building 41 | | | | | | | | |
| 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>13609112</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13609112 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13609112 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | 6509385200 | | | | | | | | |
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| Phone: | 4158752410 | | | | | | | | |
| Email: | horosco@fenwick.com | | | | | | | | |
| Correspondent Name: | Robert R. Sachs | | | | | | | | |
| Address Line 1: | 801 California Street | | | | | | | | |
| Address Line 4: | Mountain View, CALIFORNIA 94041 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 24207-19562 | | | | | | | | |
| NAME OF SUBMITTER: | Robert R. Sachs, Reg. No. 42,120 | | | | | | | | |
| Total Attachments: 4 source=19562_US_Assignment#page1.tif source=19562_US_Assignment#page2.tif source=19562_US_Assignment#page3.tif source=19562_US_Assignment#page4.tif | | | | | | | | | |

CH \$40.00 13609112

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Google Inc., a Delaware corporation, having a place of business at 1600 Amphitheatre Parkway, Building 41, Mountain View, California 94043 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 13/609,112, entitled "Image De-Hazing by Solving Transmission Value," filed on September 10, 2012, which claims priority from a foreign application, filed on September 10, 2012, now bearing CN Application No. 201210331338.6.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: Image De-Hazing by Solving Transmission Value
Filed: September 10, 2012
Application No.: 13/609,112

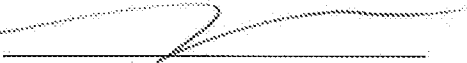
hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

Date of Signature



10/08/2012

Hui Fang

Name and Signature

Date of Signature

Vivek Kwatra

Name and Signature

Date of Signature

Meng Zhang

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Name and Signature Date of Signature

Hui Fang

Name and Signature Date of Signature

Vivek Kwatra

Name and Signature Date of Signature

Meng Zhang
Meng Zhang

2012 / 11 / 05