

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Atsushi WATANABE</td> <td>01/10/2012</td> </tr> <tr> <td>Masayoshi HAGA</td> <td>01/10/2012</td> </tr> <tr> <td>Shingo HASHIMOTO</td> <td>01/10/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Atsushi WATANABE | 01/10/2012 | Masayoshi HAGA | 01/10/2012 | Shingo HASHIMOTO | 01/10/2012 | | |
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| Masayoshi HAGA | 01/10/2012 | | | | | | | | | | |
| Shingo HASHIMOTO | 01/10/2012 | | | | | | | | | | |
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| <table border="1"> <tr> <td>Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyota-cho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table> | | Name: | TOYOTA JIDOSHA KABUSHIKI KAISHA | Street Address: | 1, Toyota-cho | City: | Toyota-shi, Aichi | State/Country: | JAPAN | Postal Code: | 471-8571 |
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| 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>13499269</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13499269 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13499269 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (202)220-4201</p> <p>Phone: 202-220-4200</p> <p>Email: mkuspa@kenyon.com</p> <p><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: KENYON & KENYON LLP</p> <p>Address Line 1: 1500 K STREET N.W.</p> <p>Address Line 2: SUITE 700</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 13596/81 | | | | | | | | | | |
| NAME OF SUBMITTER: | Matthew G. Kuspa | | | | | | | | | | |
| <p>Total Attachments: 3</p> <p>source=13596-81_Assignment#page1.tif</p> <p>source=13596-81_Assignment#page2.tif</p> <p>source=13596-81_Assignment#page3.tif</p> | | | | | | | | | | | |

OP \$40.00 13499269

ASSIGNMENT

WHEREAS, we, (1) Atsushi WATANABE, (2) Masayoshi HAGA and (3) Shingo HASHIMOTO, citizens of Japan, residing at (1) Toyota-shi, Aichi, Japan, (2) Nagoya-shi, Aichi, Japan and (3) Okazaki-shi, Aichi, Japan (hereinafter referred to as "the Assignor"); have made new and useful improvements in an invention entitled MOTOR, for which we are about to make application for Letters Patent in the United States, said application having been executed on even date hereof; and

WHEREAS, (1) TOYOTA JIDOSHA KABUSHIKI KAISHA, a corporation organized and existing under and by virtue of the laws of Japan, having their principle place of business at (1) 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, who, together with their successors and assigns, (hereinafter called "Assignee(s),") are desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, in consideration of the equivalent of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee(s) to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee(s) the Entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications.

2. Authorize and request the Assistant Commissioner for Patents of the United States of America to issue or transfer all said Letters Patent to Assignee(s), as Assignee(s) of the entire right, title, and interest therein or otherwise as Assignee(s) may direct.

3. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee(s) without encumbrance.

4. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee(s)'s request and at Assignee(s)'s expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee(s) as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee(s) all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee(s); to communicate to Assignee(s) all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee(s) with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
10th day of January, 2012.

Atsushi Watanabe
Atsushi WATANABE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
10th day of January, 2012.

Masayoshi Haga
Masayoshi HAGA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
10th day of January, 2012.

Shingo Hashimoto
Shingo HASHIMOTO

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