

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>Hidetoshi IKEDA</td> <td>05/23/2012</td> </tr> <tr> <td>Yoshihiro MARUSHITA</td> <td>05/23/2012</td> </tr> <tr> <td>Koichiro UEDA</td> <td>05/23/2012</td> </tr> <tr> <td>Yuji IGARASHI</td> <td>05/23/2012</td> </tr> <tr> <td>Kiyoshi MAEKAWA</td> <td>05/23/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Hidetoshi IKEDA | 05/23/2012 | Yoshihiro MARUSHITA | 05/23/2012 | Koichiro UEDA | 05/23/2012 | Yuji IGARASHI | 05/23/2012 | Kiyoshi MAEKAWA | 05/23/2012 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>MITSUBISHI ELECTRIC CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>7-3, Marunouchi 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8310</td> </tr> </table> | | Name: | MITSUBISHI ELECTRIC CORPORATION | Street Address: | 7-3, Marunouchi 2-chome, Chiyoda-ku | City: | TOKYO | State/Country: | JAPAN | Postal Code: | 100-8310 | | |
| Name: | MITSUBISHI ELECTRIC CORPORATION | | | | | | | | | | | | |
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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>13575488</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13575488 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13575488 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: 7034132220 Phone: (703) 413-3000 Email: LDjeudjang@oblon.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: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 402279US2PCT | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Leonie Djeudjang | | | | | | | | | | | | |
| Total Attachments: 1 source=402279USAssignment#page1.tif | | | | | | | | | | | | | |

OP \$40.00 13575488

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Hidetoshi IKEDA, Yoshihiro MARUSHITA, Koichiro UEDA, Yuji IGARASHI and Kiyoshi MAEKAWA hereby sells, assigns and transfers to

MITSUBISHI ELECTRIC CORPORATION
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled MOTOR CONTROL DEVICE which was executed by the undersigned on _____ or was filed on January 25, 2011 and accorded Serial No. PCT/JP2011/051336 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

DATE

| | | |
|-----------------------|----------------------------|---------------------|
| (Hidetoshi IKEDA) | <u>Hidetoshi Ikeda</u> | <u>May 23, 2012</u> |
| (Yoshihiro MARUSHITA) | <u>Yoshihiro Marushita</u> | <u>May 23, 2012</u> |
| (Koichiro UEDA) | <u>Koichiro Ueda</u> | <u>May 23, 2012</u> |
| (Yuji IGARASHI) | <u>Yuji IGARASHI</u> | <u>May 23, 2012</u> |
| (Kiyoshi MAEKAWA) | <u>Kiyoshi Maekawa</u> | <u>May 23, 2012</u> |