

## 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>Koichiro UEDA</td> <td>10/02/2012</td> </tr> <tr> <td>Hidetoshi IKEDA</td> <td>10/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Koichiro UEDA	10/02/2012	Hidetoshi IKEDA	10/02/2012
Name	Execution Date						
Koichiro UEDA	10/02/2012						
Hidetoshi IKEDA	10/02/2012						
RECEIVING PARTY DATA							
Name:	mitsubishi electric corporation						
Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku						
City:	Tokyo						
State/Country:	Japan						
Postal Code:	100-8310						
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>13699343</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13699343		
Property Type	Number						
Application Number:	13699343						
CORRESPONDENCE DATA							
Fax Number:	7034132220						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(703) 413-3000						
Email:	saahmed@oblon.com						
Correspondent Name:	Oblon, Spivak, et al.						
Address Line 1:	1940 Duke Street						
Address Line 4:	Alexandria, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	407470US2PCT						
NAME OF SUBMITTER:	Sarfaraz Ahmed						
Total Attachments: 1 source=407470US-Assignment#page 1.tif							

OP \$40.00 13699343

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, Koichiro UEDA and Hidetoshi IKEDA 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 May 19, 2011 and accorded Serial No. PCT/JP2011/061556 (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):

(Koichiro UEDA) Koichiro Ueda  
(Hidetoshi IKEDA) Hidetoshi Ikeda

DATE

Oct 2, 2012  
Oct 2, 2012