

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>Toshiyuki YOSHIKAWA</td> <td>12/25/2009</td> </tr> <tr> <td>Masaya INOUE</td> <td>12/25/2009</td> </tr> <tr> <td>Kanji SHINKAWA</td> <td>12/25/2009</td> </tr> <tr> <td>Masao MORITA</td> <td>12/25/2009</td> </tr> <tr> <td>Moriyuki HAZEYAMA</td> <td>12/25/2009</td> </tr> <tr> <td>Hiroyuki AKITA</td> <td>12/25/2009</td> </tr> <tr> <td>Shinji NISHIMURA</td> <td>12/17/2009</td> </tr> <tr> <td>Norihiro MURATA</td> <td>12/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Toshiyuki YOSHIKAWA	12/25/2009	Masaya INOUE	12/25/2009	Kanji SHINKAWA	12/25/2009	Masao MORITA	12/25/2009	Moriyuki HAZEYAMA	12/25/2009	Hiroyuki AKITA	12/25/2009	Shinji NISHIMURA	12/17/2009	Norihiro MURATA	12/18/2009
Name	Execution Date																		
Toshiyuki YOSHIKAWA	12/25/2009																		
Masaya INOUE	12/25/2009																		
Kanji SHINKAWA	12/25/2009																		
Masao MORITA	12/25/2009																		
Moriyuki HAZEYAMA	12/25/2009																		
Hiroyuki AKITA	12/25/2009																		
Shinji NISHIMURA	12/17/2009																		
Norihiro MURATA	12/18/2009																		
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>12670917</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12670917														
Property Type	Number																		
Application Number:	12670917																		
CORRESPONDENCE DATA																			
Fax Number:	(703)413-2220																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	(703) 413-3000																		
Email:	dtyson@oblon.com																		
Correspondent Name:	Oblon, Spivak, et al.																		
Address Line 1:	1940 Duke Street																		
Address Line 4:	Alexandria, VIRGINIA 22314																		
ATTORNEY DOCKET NUMBER:	354048US2PCT																		

OP \$40.00 12670917

501077438

PATENT
REEL: 023857 FRAME: 0485

NAME OF SUBMITTER:

Derrick L Tyson

Total Attachments: 1

source=354048USAssignment#page1.tif

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, Toshiyuki YOSHIZAWA, Masaya INOUE, Kanji SHINKAWA, Masao MORITA, Moriyuki HAZEYAMA, Hiroyuki AKITA, Shinji NISHIMURA and Norihiro MURATA 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 DYNAMOELECTRIC MACHINE which was executed by the undersigned on _____ or was filed on March 26, 2008 and accorded Serial No. PCT/JP2008/055687 (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
(Toshiyuki YOSHIZAWA) <u>Toshiyuki Yoshizawa</u>	<u>December 25, 2009</u>
(Masaya INOUE) <u>Masaya Inoue</u>	<u>December 25, 2009</u>
(Kanji SHINKAWA) <u>Kanji Shinkawa</u>	<u>December 25, 2009</u>
(Masao MORITA) <u>Masao Morita</u>	<u>December 25, 2009</u>
(Moriyuki HAZEYAMA) <u>Moriyuki Hazeiyama</u>	<u>December 25, 2009</u>
(Hiroyuki AKITA) <u>Hiroyuki Akita</u>	<u>December 25, 2009</u>
(Shinji NISHIMURA) <u>SHINJI NISHIMURA</u>	<u>December 17, 2009</u>
(Norihiro MURATA) <u>Norihiro Murata</u>	<u>December 18, 2009</u>

PATENT