

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Isao KEZOBO</td> <td>07/14/2008</td> </tr> <tr> <td>Masahiro KIMATA</td> <td>07/17/2008</td> </tr> <tr> <td>Takayuki KIFUKU</td> <td>07/23/2008</td> </tr> <tr> <td>Kazumichi TSUTSUMI</td> <td>07/23/2008</td> </tr> <tr> <td>Chiaki FUJIMOTO</td> <td>07/26/2008</td> </tr> <tr> <td>Noriyuki INOUE</td> <td>07/17/2008</td> </tr> </tbody> </table>		Name	Execution Date	Isao KEZOBO	07/14/2008	Masahiro KIMATA	07/17/2008	Takayuki KIFUKU	07/23/2008	Kazumichi TSUTSUMI	07/23/2008	Chiaki FUJIMOTO	07/26/2008	Noriyuki INOUE	07/17/2008
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<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Mitsubishi Electric Corporation														
<b>Street Address:</b>	7-3, Marunouchi 2-chome														
<b>Internal Address:</b>	Chiyoda-ku														
<b>City:</b>	Tokyo														
<b>State/Country:</b>	JAPAN														
<b>Postal Code:</b>	100-8310														
<b>PROPERTY NUMBERS Total: 1</b>															
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<b>Application Number:</b>	12279859														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(202)737-6776														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20005														
<b>ATTORNEY DOCKET NUMBER:</b>	404228														

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**PATENT**

NAME OF SUBMITTER:

Jeffrey A. Wyand

**Total Attachments: 3**

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## ASSIGNMENT

WHEREAS, WE,  
 Isao KEZOBO, Masahiro KIMATA, Takayuki KIFUKU, Kazumichi TSUTSUMI,  
 Chiaki FUJIMOTO and Noriyuki INOUE of  
 c/o Mitsubishi Electric Corporation 7-3, Marunouchi 2-chome,  
 Chiyoda-ku, TOKYO 100-8310 JAPAN

respectively, have invented and own a certain invention entitled:

### ELECTRIC MOTOR CONTROL APPARATUS

for which invention we have executed an application (provisional or non-provisional)  
 for a United States patent, which was filed on  
 under Application No.

and

WHEREAS,  
 Mitsubishi Electric Corporation  
 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter referred to as Assignees), are desirous of acquiring the entire domestic  
 and foreign right, title and interest in and under the invention described in the patent  
 application.

Now, THEREFORE, for good and valuable considerations, the receipt and  
 sufficiency of which are hereby acknowledged, we assign and transfer to the Assignees  
 and the Assignee's legal representatives, successors and assigns the full and exclusive  
 rights in and to the invention in the United States and every foreign country and the  
 entire right, title, and interest in and to the patent application and other such  
 applications (e.g., provisional applications, non-provisional extensions) that may be  
 filed in the United States and every foreign country on the invention, and the patents  
 or extensions thereof, both foreign and domestic, that may issue thereon, and we do  
 hereby authorize and request the Commissioner of Patents and Trademarks to issue  
 United States patents to the above-mentioned Assignees agreeably with the terms of  
 this assignment document.

WE HEREBY AUTHORIZE the Assignees to insert in this assignment document  
 the filing date and application number of the application if the date and number are  
 unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignees the right to make

application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignees that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignees, execute such additional assignments documents and other writings and do such additional acts as the Assignees may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal., or extended patents of the United States or of any all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result such application or patents, and by executing statements and other affidavits, its being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date July 14, 2008

Isao Kezobo  
Isao KEZOBO

Date July 17, 2008

Masahiro Kimata  
Masahiro KIMATA

Date July 23, 2008

Takayuki Kifuku  
Takayuki KIFUKU

Date July 25, 2008

Kazumichi Tsutsumi  
Kazumichi TSUTSUMI

Date July 26, 2008

Chiaki Fujimoto

**Chiaki FUJIMOTO**

Date July 17, 2008

Noriyuki Inoue

**Noriyuki INOUE**