

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Makoto HATTORI</td> <td>07/17/2009</td> </tr> <tr> <td>Masahiko ASAI</td> <td>07/17/2009</td> </tr> <tr> <td>Takayuki TAKASHIGE</td> <td>07/17/2009</td> </tr> <tr> <td>Koji NAKANO</td> <td>07/17/2009</td> </tr> <tr> <td>Takashi NAKAGAMI</td> <td>07/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Makoto HATTORI	07/17/2009	Masahiko ASAI	07/17/2009	Takayuki TAKASHIGE	07/17/2009	Koji NAKANO	07/17/2009	Takashi NAKAGAMI	07/17/2009
Name	Execution Date												
Makoto HATTORI	07/17/2009												
Masahiko ASAI	07/17/2009												
Takayuki TAKASHIGE	07/17/2009												
Koji NAKANO	07/17/2009												
Takashi NAKAGAMI	07/17/2009												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MITSUBISHI HEAVY INDUSTRIES, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>16-5, Konan 2-chome, Minato-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>108-8215</td> </tr> </table>		Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	Street Address:	16-5, Konan 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-8215		
Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.												
Street Address:	16-5, Konan 2-chome, Minato-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	108-8215												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12525580</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12525580								
Property Type	Number												
Application Number:	12525580												
CORRESPONDENCE DATA													
Fax Number: (202)822-1111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2028221100 Email: PatentMail@Whdapatentlaw.com Correspondent Name: Westerman, Hattori, Daniels & Adrian LLP Address Line 1: 1250 Connecticut Avenue NW, Address Line 2: Suite 700 Address Line 4: Washington,, DISTRICT OF COLUMBIA 20036													
ATTORNEY DOCKET NUMBER:	090857												
NAME OF SUBMITTER:	Thomas E. Brown												

OP \$40.00 12525580

500927725

PATENT
REEL: 023047 FRAME: 0577

Total Attachments: 1
source=090857_Assignment#page1.tif

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

MITSUBISHI HEAVY INDUSTRIES, LTD.

of 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**CONTROL DEVICE, METHOD, AND PROGRAM OF
PERMANENT-MAGNET TYPE SYNCHRONOUS MOTOR**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u><i>Makoto Hattori</i></u> (Signature)	<u>Makoto HATTORI</u> (Type Name)	<u>JUL. 17. 2009</u> (Date)
<u><i>Masahiko Asai</i></u> (Signature)	<u>Masahiko ASAI</u> (Type Name)	<u>JUL. 17. 2009</u> (Date)
<u><i>Takayuki Takashige</i></u> (Signature)	<u>Takayuki TAKASHIGE</u> (Type Name)	<u>JUL. 17. 2009</u> (Date)
<u><i>Koji Nakano</i></u> (Signature)	<u>Koji NAKANO</u> (Type Name)	<u>JUL. 17. 2009</u> (Date)
<u><i>Takashi Nakagami</i></u> (Signature)	<u>Takashi NAKAGAMI</u> (Type Name)	<u>JUL. 17. 2009</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 08/04/2009

REEL: 023047 FRAME: 0579