

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the successor previously recorded on Reel 024516 Frame 0953. Assignor(s) hereby confirms the successor as: Hitachi Car Engineering Co., Ltd..								
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>Kazuaki TOBARI</td> <td>05/18/2011</td> </tr> <tr> <td>Shigehisa AOYAGI</td> <td>05/18/2011</td> </tr> <tr> <td>Kentaro OI</td> <td>05/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kazuaki TOBARI	05/18/2011	Shigehisa AOYAGI	05/18/2011	Kentaro OI	05/19/2011
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CORRESPONDENCE DATA									
<p>Fax Number: (202)628-8844  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2026242500        Email: Galemousavi@crowell.com        Correspondent Name: Crowell &amp; Moring LLP        Address Line 1: P.O. Box 14300        Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300</p>									
ATTORNEY DOCKET NUMBER:	106152.62256US								
NAME OF SUBMITTER:	Gary R. Edwards								
<p>Total Attachments: 4        source=62256US_ASSIGNMENT_AND_NOR_1#page1.tif        source=62256US_ASSIGNMENT_AND_NOR_1#page2.tif        source=62256US_ASSIGNMENT_AND_NOR_1#page3.tif        source=62256US_ASSIGNMENT_AND_NOR_1#page4.tif</p>									

OP \$40.00 12708352

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**PATENT**  
**REEL: 026413 FRAME: 0921**

# **ASSIGNMENT** ( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Car Engineering Co., Ltd., a corporation organized under the laws of Japan, located at 2477, Takaba, Hitachinaka-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., Hitachi Car Engineering Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to


## **TORQUE CONTROLLER FOR PERMANENT MAGNET SYNCHRONOUS MOTOR**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Car Engineering Co., Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Car Engineering Co., Ltd.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Kazuaki TOBARI</u> <i>Kazuaki Tobari</i>	<u>12/25/2009</u> <i>K.T. 5/18/2011</i>
2) <u>Shigehisa AOYAGI</u> <i>Shigehisa AOYAGI</i>	<u>12/25/2009</u> <i>S.A. 5/18/2011</i>
3) <u>Kentaro OI</u> <i>Kentaro Ooi</i>	<u>1/6/2010</u> <i>6/1/2010</i>  <i>Kentaro Ooi 5/19/2011</i>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____

Approved and Agreed to:  
Hitachi, Ltd.

*K. Oka*

Date: May 26, 2011

Name: **Kensuke OKA**  
Position: **Corporate Officer**  
**General Manager, Intellectual Property Group**  
**(Authorized Signing Officer)**

**PATENT**

**REEL: 026413 FRAME: 0922**

TO: CROWELL &amp; MORING LLP COMPANY: P.O. BOX 14300

## PATENT ASSIGNMENT

Electronic Version v1.1

06/10/2010

Stylesheet Version v1.1

501201134

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