

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>Kazuaki TOBARI</td> <td>12/25/2009</td> </tr> <tr> <td>Shigehisa AOYAGI</td> <td>12/25/2009</td> </tr> <tr> <td>Kentaro OI</td> <td>01/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kazuaki TOBARI	12/25/2009	Shigehisa AOYAGI	12/25/2009	Kentaro OI	01/06/2010
Name	Execution Date								
Kazuaki TOBARI	12/25/2009								
Shigehisa AOYAGI	12/25/2009								
Kentaro OI	01/06/2010								
RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hitachi Car Engineering Co., Ltd.,</td> </tr> <tr> <td>Street Address:</td> <td>2477, Takaba</td> </tr> <tr> <td>City:</td> <td>Hitachinaka-shi, Ibaraki</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi Car Engineering Co., Ltd.,	Street Address:	2477, Takaba	City:	Hitachinaka-shi, Ibaraki	State/Country:	JAPAN
Name:	Hitachi Car Engineering Co., Ltd.,								
Street Address:	2477, Takaba								
City:	Hitachinaka-shi, Ibaraki								
State/Country:	JAPAN								
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>12708352</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12708352				
Property Type	Number								
Application Number:	12708352								
CORRESPONDENCE DATA									
<p>Fax Number: (202)628-8844</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-624-2500</p> <p>Email: Galemousavi@crowell.com</p> <p>Correspondent Name: Crowell & Moring LLP</p> <p>Address Line 1: P.O. Box 14300</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300</p>									
ATTORNEY DOCKET NUMBER:	106152.62256US								
NAME OF SUBMITTER:	Gary R. Edwards								
<p>Total Attachments: 1</p> <p>source=62256US_ASSIGNMENT#page1.tif</p>									

OP \$40.00 12708352

501201134

PATENT
REEL: 024516 FRAME: 0953

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., 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>	<u>Kazuaki Tobari</u>	<u>12/25/2009</u>
2) <u>Shigehisa AOYAGI</u>	<u>Shigehisa AOYAGI</u>	<u>12/25/2009</u>
3) <u>Kentaro OI</u>	<u>Kentaro Oi</u>	<u>1/6/2010</u> <u>6/1/2010</u>  <u>Kentaro Oi 1/6/2010</u>
4) _____	_____	_____
5) _____	_____	_____
6) _____	_____	_____
7) _____	_____	_____
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____

PATENT

RECORDED: 06/10/2010

REEL: 024516 FRAME: 0954