

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIDETOSHI KOKA	09/12/2014
SATOSHI KIKUCHI	11/21/2014
YUTAKA MATSUNOBU	11/25/2014
YASUYUKI SAITO	11/27/2014
SADAHIRO HAMAHATA	11/25/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14396205
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SIGNATURE:	/Michael H. Jacobs/
DATE SIGNED:	12/17/2014
Total Attachments: 1	
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ASSIGNMENT

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 Automotive Systems, Ltd., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Automotive Systems, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PERMANENT MAGNET ROTATING ELECTRICAL MACHINE AND A MOTOR VEHICLE USING SAME

* PCT International Application Number PCT/JP2013/058484 filed on March 25, 2013

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 Automotive Systems, 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 Automotive Systems, 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>Hidetoshi Koka</u> Hidetoshi KOKA	<u>9/12 / 2014</u>
2)	<u>Satoshi Kikuchi</u> Satoshi KIKUCHI	<u>11/21 / 2014</u>
3)	<u>Yutaka Matsunobu</u> Yutaka MATSUNOBU	<u>11/25 / 2014</u>
4)	<u>Yasuyuki Saito</u> Yasuyuki SAITO	<u>11/27 / 2014</u>
5)	<u>Sadahiro Hamahata</u> Sadahiro HAMAHATA	<u>11/25 / 2014</u>
6)	_____	_____
7)	_____	_____
8)	_____	_____