

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Masayoshi TAKAHASHI</td> <td>06/18/2012</td> </tr> <tr> <td>Keisuke FUKUMASU</td> <td>06/18/2012</td> </tr> <tr> <td>Makoto TORIGOE</td> <td>06/18/2012</td> </tr> <tr> <td>Tomohiko SUEMATSU</td> <td>06/28/2012</td> </tr> <tr> <td>Satoru SHIGETA</td> <td>06/19/2012</td> </tr> </tbody> </table>	Name	Execution Date	Masayoshi TAKAHASHI	06/18/2012	Keisuke FUKUMASU	06/18/2012	Makoto TORIGOE	06/18/2012	Tomohiko SUEMATSU	06/28/2012	Satoru SHIGETA	06/19/2012	
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RECEIVING PARTY DATA													
Name:	Hitachi Automotive Systems, Ltd.												
Street Address:	2520, Takaba												
City:	Hitachinaka-shi, Ibaraki												
State/Country:	JAPAN												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13518716												
CORRESPONDENCE DATA													
Fax Number:	2026288844												
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ATTORNEY DOCKET NUMBER:	105615.64674US												
NAME OF SUBMITTER:	Michael H. Jacobs												
Total Attachments: 1 source=64674US_Assignment#page1.tif													

OP \$40.00 13518716

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 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

POWER CONVERSION APPARATUS

* PCT International Application Number PCT/JP2010/007263 filed on December 15, 2010 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 our signatures:

INVENTOR(S) (発明者フルネームサイン)		Date Signed (署名日)
1)	<u>Masayoshi Takahashi</u> Masayoshi TAKAHASHI	<u>6/18/2012</u>
2)	<u>Keisuke Fukumasu</u> Keisuke FUKUMASU	<u>6/18/2012</u>
3)	<u>Makoto Torigoe</u> Makoto TORIGOE	<u>6/18/2012</u>
4)	<u>Satoru Shigeta</u> Satoru SHIGETA <u>Tomohiko Suematsu</u> Tomohiko SUEMATSU	<u>6/19/2012</u> 6/28/2012
5)	<u>Satoru Shigeta</u> Satoru SHIGETA	<u>6/19/2012</u>
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____