# 504041790 10/07/2016

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
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PROPERTY NUMBERS	Total: 1			1		
PROPERTY NUMBERS Property Type	Total: 1	Number				
		<b>Number</b> 15302806				
Property Type Application Number:						
Property Type Application Number: CORRESPONDENCE D	ΑΤΑ	15302806		]		
Property Type Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	(202)672-5399	f that is uns		l it will be sent	
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	OATA e sent to provided	(202)672-5399 the e-mail address first; in if that is unsuccessful, it 202-672-5300 pdocketing@foley.com FOLEY & LARDNER LLP 3000 K STREET N.W. SUITE 600 WASHINGTON, D.C. 20007	<i>will be sen</i> 7-5109			
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#### 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 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

#### CONVERTER AND ELECTRIC POWER CONVERSION APPARATUS

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 relasue 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 (著名日)		
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2) Voshiharu YAMASHITA Yoshihara Jomadita	9/6/2016		
3) Hidenori SHINOHARA Willmori Shinohara	9/6/2016		
4) Tadahiko CHIDA Lerdmiko Chida	9/6/2016		
5)			
6)	····		
7)			
8)			
9)			

### PATENT REEL: 039967 FRAME: 0370

**RECORDED: 10/07/2016**