

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5875934

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHIN-KOBE ELECTRIC MACHINERY CO. LTD.	09/30/2014
RECEIVING PARTY DATA	
Name:	HITACHI AUTOMOTIVE SYSTEMS, LTD.
Street Address:	2520, TAKABA, HITACHINAKA-SHI,
City:	IBARAKI-KEN
State/Country:	JAPAN
Postal Code:	3128503,
PROPERTY NUMBERS Total: 10	
Property Type	Number
Patent Number:	6509114
Patent Number:	6706446
Patent Number:	7517613
Patent Number:	7511457
Patent Number:	7471065
Patent Number:	8339099
Patent Number:	8791668
Patent Number:	8786256
Patent Number:	8912756
Patent Number:	8884584
CORRESPONDENCE DATA	
Fax Number:	(703)739-2815
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	iprecordals@cpaglobal.com
Correspondent Name:	CPA GLOBAL LIMITED
Address Line 1:	LIBERATION HOUSE
Address Line 2:	CASTLE STREET
Address Line 4:	ST HELIER, JERSEY JEI IBL
NAME OF SUBMITTER:	HEIDI WHITTINGHAM

SIGNATURE:	/IPR/NW/NGB Hitachi (CP2019-109/AG10P/
DATE SIGNED:	12/19/2019
Total Attachments: 2 source=A. USA - Deed#page1.tif source=A. USA - Deed#page2.tif	

UNITED STATES OF AMERICA

ASSIGNMENT

WHEREAS, Shin-Kobe Electric Machinery Co. Ltd., a Limited Company organized under the laws of Japan, with a place of business at No. 8-7, 2-chome, Nihombashi-honcho, Chuo-ku, Tokyo 103-0023, Japan, owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

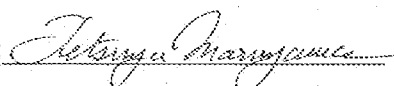
WHEREAS, Hitachi Automotive Systems, Ltd., a Limited Company organized under the laws of Japan, with a place of business at 2520, Takaba, Hitachinaka-shi, Ibaraki-ken 3128503, Japan, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: **30 September 2014**

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

Hitachi Chemical Company, Ltd. (formally Shin-Kobe Electric Machinery Co. Ltd.)

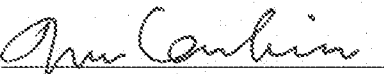
By: 

Name: TETSUYA MARUYAMA

Title: General Manager, Intellectual Property Strategy Center

Date: November 20th, 2019

Hitachi Automotive Systems, Ltd.

By: 

Name: Taro Kashima

Title: Department Manager, Intellectual Property Dept.

Date: Dec. 5, 2019

Schedule

Country	Application Number	IP Grant Number
U.S.A.	09525263	6509114
U.S.A.	09977305	6706446
U.S.A.	11020034	7517613
U.S.A.	11117480	7511457
U.S.A.	11117487	7471065
U.S.A.	12415775	8339099
U.S.A.	13724828	8791668
U.S.A.	13725007	8786256
U.S.A.	13726683	8912756
U.S.A.	13726720	8884584