

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2600215

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>YOUHEI KAWAHARA</td> <td>10/10/2013</td> </tr> <tr> <td>RYOUEI NAKAO</td> <td>10/17/2013</td> </tr> <tr> <td>AKIHIKO KUDO</td> <td>10/11/2013</td> </tr> <tr> <td>AKIHIKO EMORI</td> <td>10/22/2013</td> </tr> <tr> <td>KEIICHIRO OKAWA</td> <td>10/10/2013</td> </tr> <tr> <td>YOSHINORI AOSHIMA</td> <td>10/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	YOUHEI KAWAHARA	10/10/2013	RYOUEI NAKAO	10/17/2013	AKIHIKO KUDO	10/11/2013	AKIHIKO EMORI	10/22/2013	KEIICHIRO OKAWA	10/10/2013	YOSHINORI AOSHIMA	10/11/2013
Name	Execution Date														
YOUHEI KAWAHARA	10/10/2013														
RYOUEI NAKAO	10/17/2013														
AKIHIKO KUDO	10/11/2013														
AKIHIKO EMORI	10/22/2013														
KEIICHIRO OKAWA	10/10/2013														
YOSHINORI AOSHIMA	10/11/2013														
RECEIVING PARTY DATA															
Name:	Hitachi Vehicle Energy, Ltd.														
Street Address:	1410, Inada														
City:	Hitachinaka-shi, Ibaraki														
State/Country:	JAPAN														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14112455</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14112455										
Property Type	Number														
Application Number:	14112455														
CORRESPONDENCE DATA															
Fax Number:	(215)568-6499														
Phone:	215-568-6400														
Email:	jheuer@vklaw.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	VOLPE AND KOENIG, P.C.														
Address Line 1:	30 SOUTH 17TH STREET														
Address Line 2:	UNITED PLAZA														
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103														
ATTORNEY DOCKET NUMBER:	HITACHI-111052139US01														
NAME OF SUBMITTER:	DANIEL N. CALDER														

CH \$40.00 14112455

Signature:	/Daniel N. Calder/
Date:	11/01/2013
Total Attachments: 1 source=111052139US01_Assignment_EFS#page1.tif	

# 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 Vehicle Energy, Ltd., a corporation organized under the laws of Japan, located at 1410, Inada, Hitachinaka-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Vehicle Energy, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## ELECTRIC STORAGE DEVICE

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 Vehicle Energy, 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 Vehicle Energy, 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>Yoshi KAWAHARA</u> Yoshi KAWAHARA	<u>10/10/2013</u>
2)	<u>Ryouhei NAKAO</u> Ryouhei NAKAO	<u>10/17/2013</u>
3)	<u>Akihiko Kudo</u> Akihiko KUDO	<u>10/11/2013</u>
4)	<u>Akihiko Emori</u> Akihiko EMORI	<u>10/22/2013</u>
5)	<u>Keiichiro OKAWA</u> Keiichiro OKAWA	<u>10/10/2013</u>
6)	<u>Yoshinori AOSHIMA</u> Yoshinori AOSHIMA	<u>10/11/2013</u>
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

PATENT