

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Youhei KAWAHARA	07/12/2011
Kei SAKABE	07/12/2011
Akihiko EMORI	07/12/2011
RECEIVING PARTY DATA	
Name:	HITACHI, LTD.
Street Address:	6-6, Marunouchi 1-chome
City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN
Name:	Hitachi Vehicle Energy, Ltd.
Street Address:	1410, Inada
City:	Hitachinaka-shi, Ibaraki
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13201992
CORRESPONDENCE DATA	
Fax Number:	(202)628-8844
Phone:	2026242500
Email:	Galemousavi@crowell.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Crowell & Moring LLP
Address Line 1:	P.O. Box 14300
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20044-4300
ATTORNEY DOCKET NUMBER:	056203.63845US
NAME OF SUBMITTER:	Michael H. Jacobs
Total Attachments: 1 source=63845US_Assignment#page1.tif	

OP \$40.00 13201992

501719587

PATENT
 REEL: 027206 FRAME: 0093

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, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, and Hitachi Vehicle Energy, Ltd., a corporation organized under the laws of Japan, located at 1410, Inada, Hitachinaka-shi, Ibaraki, Japan, respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and Hitachi Vehicle Energy, their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

ELECTRIC STORAGE DEVICE

* PCT International Application Number PCT/JP2010/051586 filed on February 4, 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, LTD. and Hitachi Vehicle Energy, their 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, LTD. and Hitachi Vehicle Energy.

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>Yoshiei Kawahara</u> Yoshiei KAWAHARA	<u>7/12/2011</u>
2)	<u>Kei Sakabe</u> Kei SAKABE	<u>7/12/2011</u>
3)	<u>Akihiko Emori</u> Akihiko EMORI	<u>7/12/2011</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____