

PATENT ASSIGNMENT

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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>Shin Takahashi</td> <td>11/30/2012</td> </tr> <tr> <td>Kazuhiro Yoshida</td> <td>12/06/2012</td> </tr> <tr> <td>Kazushige Kohno</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shin Takahashi	11/30/2012	Kazuhiro Yoshida	12/06/2012	Kazushige Kohno	12/04/2012				
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CORRESPONDENCE DATA													
<p>Fax Number: 2155686499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-568-6400 Email: jheuer@vklaw.com 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</p>													
ATTORNEY DOCKET NUMBER:	HITACHI-111050439US01												
NAME OF SUBMITTER:	Daniel N. Calder												
<p>Total Attachments: 1 source=111050439US01_Assignment_EFS#page1.tif</p>													

CH \$40.00 13807028

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, Ltd.,
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METAL AIR SECONDARY BATTERY

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.,
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, 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) Shin Takahashi Shin TAKAHASHI

11/30/2012

2) Kazuhiko Yoshida Kazuhiko YOSHIDA

12/6/2012

3) Kazushige Kohno Kazushige KOHNO

12/4/2012

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____
