

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Masataka Takeuchi | 10/22/2010 |
| Akinori Sudoh | 10/22/2010 |
| Chiaki Sotowa | 10/22/2010 |
| RECEIVING PARTY DATA | |
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| City: | Tokyo |
| State/Country: | JAPAN |
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| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12989616 |
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| ATTORNEY DOCKET NUMBER: | Q121384 |
| NAME OF SUBMITTER: | Tesha L. Bush |
| Total Attachments: 2 source=Assignment2#page1.tif source=Assignment2#page2.tif | |

OP \$40.00 12989616

ASSIGNMENT

Whereas, I/we,

Masataka TAKEUCHI
5-1, Okawa-cho, Kawasaki-ku, Kawasaki Kanagawa, 210-0858 JAPAN,

Akinori SUDOH
6850, Omachi, Omachi Nagano 398-0002 JAPAN, and

Chiaki SOTOWA
6850, Omachi, Omachi Nagano 398-0002 JAPAN

hereinafter called assignor(s), have invented certain improvements in

**CARBON NEGATIVE ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERY,
PRODUCTION METHOD THEREOF AND LITHIUM SECONDARY BATTERY USING THE SAME**

and executed an application for Letters Patent of the United States of America therefor on
; and

Whereas,

**SHOWA DENKO K.K. of
13-9, Shiba Daimon 1-chome, Minato-ku, TOKYO 105-8518 JAPAN**

(assignee), desires to acquire the entire right, title and interest in the application and invention,
and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority under 35
U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters
Patent granted upon the invention set forth in the application to the assignee, its successors and
assigns; and I/we will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application
number 12/989,616 and Confirmation number 1379, filed October 25, 2010) the
filing date and application number of said application when known.

Date: *Oct. 22, 2010* s/ *Masataka Takeuchi*
Masataka TAKEUCHI

Date: *Oct. 22, 2010* s/ *Akinori Sudo*
Akinori SUDOH

Date: *Oct. 22, 2010* s/ *Chiaki Sotowa*
Chiaki SOTOWA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)