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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ISAO KABE	10/17/2012
GAKU ORIJI	10/17/2012
AKIHISA TONEGAWA	10/17/2012

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14113510

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Date:	10/24/2013

Total Attachments: 1

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PATENT REEL: 031473 FRAME: 0299 OF \$40.00 14113510

ASSIGNMENT

Whereas, we, (1) Isao KABE; (2) Gaku ORIJI; and (3) Akihisa TONEGAWA; (1) to (3) of c/o SHOWA DENKO K.K., 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8518 Japan, herein after called assignor(s), have invented certain improvements in

CATHODE MATERIAL FOR LITHIUM SECONDARY BATTERY, AND METHOD OF PRODUCING SAID CATHODE MATERIAL

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

October 17 ,2013; and

Whereas, SHOWA DENKO K.K. of 13-9, Shibadaimon 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 and foreign 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 and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, 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 hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications 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 14/113,510 , filed Oct. 23, 2013) the filing date and application number of said application when known.

Date: October 17, 2013

s/ Isao Kabe

Isao KABE

Date: October 17, 2013

s/ Isao KABE

Gaku ORIJI

Date: October 17, 2013

s/ Isao KABE

Tonegana

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

RECORDED: 10/24/2013