

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Noriyuki Negi</td> <td>12/05/2012</td> </tr> <tr> <td>Tatsuo Nagata</td> <td>12/04/2012</td> </tr> <tr> <td>Sukeyoshi Yamamoto</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Noriyuki Negi	12/05/2012	Tatsuo Nagata	12/04/2012	Sukeyoshi Yamamoto	12/04/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Nippon Steel &amp; Sumitomo Metal Corporation</td> </tr> <tr> <td>Street Address:</td> <td>6-1, Marunouchi 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8071</td> </tr> </table>		Name:	Nippon Steel & Sumitomo Metal Corporation	Street Address:	6-1, Marunouchi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8071
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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>13642284</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13642284						
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Application Number:	13642284										
CORRESPONDENCE DATA											
Fax Number:	4129455933										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	412-471-8815										
Email:	assignments@webblaw.com										
Correspondent Name:	THE WEBB LAW FIRM, P.C.										
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OP \$40.00 13642284

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:

0149-123276

NAME OF SUBMITTER:

Russell D. Orkin

Total Attachments: 5

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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Noriyuki NEGI  
Tatsuo NAGATA  
Sukeyoshi YAMAMOTO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) December 5, 2012; December 4, 2012

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Nippon Steel & Sumitomo Metal Corporation

Internal Address: \_\_\_\_\_

Street Address: 6-1, Marunouchi 2-chome, Chiyoda-ku

Tokyo

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: JAPAN Zip: 100-8071

Additional name(s) & address(es) attached? ☒ Yes ☐ No

**4. Application or patent number(s):**

A. Patent Application No.(s)

13/642,284

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Russell D. Orkin

Internal Address: The Webb Law Firm

Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 4775  
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**

Russell D. Orkin

Signature

January 4, 2013

Date

Russell D. Orkin, Reg. No. 25,363

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Page 2

U.S. Patent Application No. 13/642,284, filed 4/25/2011

U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

**Additional Information (continued from Page 1)**

**Name of conveying party(ies)**

Execution Date(s): \_\_\_\_\_  
\_\_\_\_\_

**Name and address of receiving party(ies)**

Name: Chuo Denki Kogyo Co., Ltd.

Internal Address: \_\_\_\_\_  
\_\_\_\_\_

Street Address: 272, Oaza Taguchi

Myoko-shi, Niigata

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\_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Application No. INTERNATIONAL  
13/642,284

Attorney Docket No. 0149-123276

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

NEGATIVE ELECTRODE MATERIAL FOR A NONAQUEOUS ELECTROLYTE  
SECONDARY BATTERY AND A METHOD FOR ITS MANUFACTURE

(Invention Title)

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☒ for which an application for a United States Patent was filed on 10/19/2012 (mm/dd/yyyy) and bears Application Number 13/642,284 (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 04/25/2011 (mm/dd/yyyy), bearing Application No. PCT/JP2011/060039 (hereinafter "said application").

AND, WHEREAS, 1) **NIPPON STEEL & SUMITOMO METAL CORPORATION**, a corporation of Japan, having a place of business at 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan, and 2) **Chuo Denki Kogyo Co., Ltd.**, a corporation of Japan, having a place of business at 272, Oaza Taguchi, Myoko-shi, Niigata 949-2193 Japan, hereinafter called the "assignee(s)", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee(s), the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee(s) the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee(s) or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee(s) or by counsel for said assignee(s) to assist or enable said assignee(s) to obtain and enforce full benefits from the rights and interests herein assigned.

INTERNATIONAL  
Application No. 13/642,284

Attorney Docket No. 0149-123276

This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee(s).

1. FULL NAME OF ASSIGNOR:

Noriyuki NEGI

RESIDENCE:

Amagasaki-shi, Hyogo

EXECUTED this 5th day of December, 2012

Noriyuki Negi

SIGNATURE

WITNESS:

Satoru Hiyama

2. FULL NAME OF ASSIGNOR:

Tatsuo NAGATA

RESIDENCE:

Ikeda-shi, Osaka

EXECUTED this 4th day of December, 2012

Tatsuo Nagata

SIGNATURE

WITNESS:

Satoru Hiyama

☒ Checked Box indicates 1 additional page(s) for inventor signatures.

Application No. INTERNATIONAL  
13/642,284

Attorney Docket No. 0149-123276

3. FULL NAME OF ASSIGNOR:  
Sukeyoshi YAMAMOTO

RESIDENCE:  
Nishinomiya-shi, Hyogo

EXECUTED this 4<sup>th</sup> day of December, 2012

Sukeyoshi Yamamoto  
SIGNATURE

WITNESS:

Satanobuchi