

## PATENT ASSIGNMENT

Electronic Version v1.1  
 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>Masanori YASUYAMA</td> <td>04/08/2013</td> </tr> <tr> <td>Yoshiaki NAKAZAWA</td> <td>04/08/2013</td> </tr> <tr> <td>Masahito TASAKA</td> <td>04/11/2013</td> </tr> <tr> <td>Toshiya SUZUKI</td> <td>04/09/2013</td> </tr> <tr> <td>Masahiro NAKATA</td> <td>04/11/2013</td> </tr> <tr> <td>Hiroki FUJIMOTO</td> <td>04/08/2013</td> </tr> <tr> <td>Hitomi NISHIBATA</td> <td>04/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Masanori YASUYAMA	04/08/2013	Yoshiaki NAKAZAWA	04/08/2013	Masahito TASAKA	04/11/2013	Toshiya SUZUKI	04/09/2013	Masahiro NAKATA	04/11/2013	Hiroki FUJIMOTO	04/08/2013	Hitomi NISHIBATA	04/08/2013
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CORRESPONDENCE DATA																	
Fax Number:	7035049415																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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CH \$40.00 13823901

NAME OF SUBMITTER:	Christopher W. Brody
Signature:	/Christopher W. Brody/
Date:	05/28/2013
Total Attachments: 2 source=assssn#page1.tif source=assssn#page2.tif	

ASSIGNMENT

In consideration of the premises and other good and valuable consideration paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                      |                     |
|----------------------|---------------------|
| 1) Masanori YASUYAMA | 5) Masahiro NAKATA  |
| 2) Yoshiaki NAKAZAWA | 6) Hiroki FUJIMOTO  |
| 3) Masahito TASAKA   | 7) Hitomi NISHIBATA |
| 4) Toshiya SUZUKI    |                     |

who have made a certain new and useful invention, hereby sell, assign, and transfer unto

NIPPON STEEL & SUMITOMO METAL CORPORATION of 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C.100 in the invention entitled

FORMED MEMBER AND MANUFACTURING METHOD THEREOF

(a) for which an application for United States Letters Patent was filed on March 15, 2013 and identified by United States Serial No. 13/823,901; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, substitute, renewed, continuation, continuation-in-part, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

I(We) hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document; CLARK & BRODY, 1700 Diagonal Road, Suite 510, Alexandria, VA, 22314.

SIGNED on the date(s) indicated aside my(our) signature(s):

INVENTORS

DATE SIGNED

1) Masanori Yasuyama  
Name: Masanori YASUYAMA

April 8, 2013

INVENTORS

DATE SIGNED

2) Yoshiaki Nakazawa  
Name: Yoshiaki NAKAZAWA

April 8, 2013

3) Masahito Tasaka  
Name: Masahito TASAHA

April 11, 2013

4) Toshiya Suzuki  
Name: Toshiya SUZUKI

April 9, 2013

5) Masahiro Nakata  
Name: Masahiro NAKATA

April 11, 2013

6) Hiroki Fujimoto  
Name: Hiroki FUJIMOTO

April 8, 2013

7) Hitomi Nishibata  
Name: Hitomi NISHIBATA

April 8, 2013