

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>Takayuki KOBAYASHI</td> <td>05/10/2013</td> </tr> <tr> <td>Shinichi TERASHIMA</td> <td>05/10/2013</td> </tr> <tr> <td>Masamoto TANAKA</td> <td>05/10/2013</td> </tr> <tr> <td>Masami FUJISHIMA</td> <td>05/10/2013</td> </tr> <tr> <td>Masao KUROSAKI</td> <td>05/10/2013</td> </tr> <tr> <td>Jun MAKI</td> <td>05/10/2013</td> </tr> <tr> <td>Hideaki SUDA</td> <td>05/10/2013</td> </tr> <tr> <td>Shuji NAGASAKI</td> <td>05/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Takayuki KOBAYASHI	05/10/2013	Shinichi TERASHIMA	05/10/2013	Masamoto TANAKA	05/10/2013	Masami FUJISHIMA	05/10/2013	Masao KUROSAKI	05/10/2013	Jun MAKI	05/10/2013	Hideaki SUDA	05/10/2013	Shuji NAGASAKI	05/10/2013
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PROPERTY NUMBERS Total: 1																			
<table border="1"> <tr> <th>Property Type</th> <th>Number</th> </tr> <tr> <td>Application Number:</td> <td>13885309</td> </tr> </table>		Property Type	Number	Application Number:	13885309														
Property Type	Number																		
Application Number:	13885309																		
CORRESPONDENCE DATA																			
Fax Number:	2124255288																		

OP \$40.00 13885309

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ATTORNEY DOCKET NUMBER:	15963/2
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NAME OF SUBMITTER:	Weining Wang
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Signature:	/Weining Wang/
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Date:	05/14/2013
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Total Attachments: 6

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ASSIGNMENT

IN CONSIDERATION of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to (1)NIPPON STEEL & SUMIKIN MATERIALS CO., LTD. and (2)NIPPON STEEL & SUMITOMO METAL CORPORATION, a corporation of Japan, having a principal place of business at (1)4-14-1, Sotokanda, Chiyoda-ku, Tokyo 101-0021 Japan, (2)6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

METAL FOIL FOR BASE MATERIAL AND PRODUCING METHOD THEREOF

the specification of which is attached hereto unless the following is entered:

Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)
16/November/2011	PCT/JP2011/076390	

NOW, THEREFORE, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said invention, said patent application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said invention in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said invention, or upon said patent application, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said invention or upon said patent application, and every priority right that is or may be predicated upon or arise from said invention, said patent application, and said Letters Patent(s).

2. Authorize Assignee to file patent applications in any or all countries for said invention in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said invention, patent application, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said invention; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

Inventor: Takayuki KOBAYASHI

Inventor Signature <i>Takayuki Kobayashi</i>	Date May 10, 2013
Witness Signature	Date
Print Witness Name	

Inventor: Shinichi TERASHIMA

Inventor Signature <i>Shinichi Terashima</i>	Date May 10, 2013
Witness Signature	Date
Print Witness Name	

Inventor: Masamoto TANAKA

Inventor Signature <i>Masamoto Tanaka</i>	Date May 10, 2013
Witness Signature	Date
Print Witness Name	

Inventor: Masami FUJISHIMA

Inventor Signature	Date
Witness Signature	Date
Print Witness Name	

Inventor: Masao KUROSAKI

Inventor Signature <i>Masao Kurosaki</i>	Date May 10, 2013
Witness Signature	Date
Print Witness Name	

Inventor: Jun MAKI

Inventor Signature	<i>Jun Maki</i>	Date	May 10, 2013
Witness Signature		Date	
Print Witness Name			

Inventor: Hideaki SUDA

Inventor Signature	<i>Hideaki Suda</i>	Date	May 10, 2013
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Print Witness Name			

Inventor: Shuji NAGASAKI

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2. Authorize Assignee to file patent applications in any or all countries for said invention in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
4. Warrant that we have not conveyed to others any right, title, or interest in said invention, patent application, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said invention; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.
5. Bind our heirs, legal representatives, and assigns, as well as ourselves to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

P101328US01
OSP-46746
US 213

Inventor: Takayuki KOBAYASHI

Inventor Signature	Date
Witness Signature	Date
Print Witness Name	

Inventor: Shinichi TERASHIMA

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Inventor: Masamoto TANAKA

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Inventor: Masami FUJISHIMA

Inventor Signature <i>Masami Fujishima</i>	Date May 10, 2013
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Inventor: Masao KUROSAKI

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Inventor: Jun MAKI

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Inventor: Shuji NAGASAKI

Inventor Signature <i>Shuji Nagasaki</i>	Date May 10, 2013
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