

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KANA JOTOKU	05/23/2016
HIROYUKI HIRATA	05/18/2016
YOSHITAKA NISHIYAMA	05/18/2016
HIROKAZU OKADA	05/18/2016
SHINNOSUKE KURIHARA	05/19/2016
YUHEI SUZUKI	05/23/2016
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<b>Name:</b>	NIPPON STEEL & SUMITOMO METAL CORPORATION
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<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8071
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15117462
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	12143-0077
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER W. BRODY
<b>SIGNATURE:</b>	/CHRISTOPHER W. BRODY/
<b>DATE SIGNED:</b>	08/09/2016
<b>Total Attachments: 3</b>	

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Docket No:

**ASSIGNMENT**

This is an Assignment of the following rights, title and interest:

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- International Application No. PCT/JP2015/055061  
Date of Filing: February 23, 2015
- For which an application for a U.S. Patent was executed on \_\_\_\_\_
- United States Patent Application Serial No. \_\_\_\_\_  
Date of Filing: \_\_\_\_\_

Title of the Invention: **WELDED JOINT**

Inventors (Assignors): **JOTOKU Kana, HIRATA Hiroyuki, NISHIYAMA Yoshitaka, OKADA Hirokazu, KURIHARA Shinnosuke and SUZUKI Yuhei**

Assignee(s): **NIPPON STEEL & SUMITOMO METAL CORPORATION  
6-1, Marunouchi 2-chome, Chiyoda-ku,  
Tokyo 100-8071 JAPAN**

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said invention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

*Jotoku Kana*  
Signature: JOTOKU, Kana

*May 23 2016*  
Date

\_\_\_\_\_  
Signature: HIRATA, Hiroyuki

\_\_\_\_\_  
Date

Docket No:

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- Foreign rights, title and interest in the invention
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Assignee(s): **NIPPON STEEL & SUMITOMO METAL CORPORATION  
6-1, Marunouchi 2-chome, Chiyoda-ku,  
Tokyo 100-8071 JAPAN**

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And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the assignee or its Designee(s) may from time to time require and prepare at its own expense.

Signature: JOTOKU, Kana

\_\_\_\_\_  
Date

Hiroyuki Hirata  
Signature: HIRATA, Hiroyuki

May 18, 2016  
Date

*Yoshitaka Nishiyama*  
Signature: NISHIYAMA, Yoshitaka

May 18, 2016  
Date

*Hirokazu Okada*  
Signature: OKADA, Hirokazu

May 18, 2016  
Date

*Shinnosuke Kurihara*  
Signature: KURIHARA, Shinnosuke

May 19, 2016  
Date

*Yuhei Suzuki*  
Signature: SUZUKI, Yuhei

May 23, 2016  
Date