PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4786091

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMONORI KUNIEDA	11/28/2017
YOSHITSUGU TATSUZAWA	11/28/2017
HIDEKI FUJII	11/28/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15746512

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ATTORNEY DOCKET NUMBER: 12049-0206	
NAME OF SUBMITTER:	CHRISTOPHER W. BRODY
SIGNATURE:	/CHRISTOPHER W. BRODY/
DATE SIGNED:	01/22/2018

Total Attachments: 2 source=ass1#page1.tif source=ass1#page2.tif

> **PATENT REEL: 044686 FRAME: 0409** 504739363

Docket No:

ASSIGNMENT

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

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	United States	nited States of America rights, title and interest in the invention		
\boxtimes	Foreign rights	reign rights, title and interest in the invention		
\boxtimes	International Application No. PCT/JP2016/072339			
	Date of Filing: 29 July 2016			
	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:	TITANIUM MATERIAL FOR HOT ROLLING		
Inventors (Assignors):	Tomonori KUNIEDA, Yoshitsugu TATSUZAWA and Hideki FUJII		
Assignee(s	s):	NIPPON STEEL & SUMITOMO METAL CORPORATION 6.1 Marupoughi 2-chome, Chivoda-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.

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Tomonosi Kuniedor	28 November 2017
Signature: Tomonori KUNIEDA	Date
Moshitangu Jahanzawa Signature: Yoshitangu TATSUZAWA	28 November 2017
Signature: Yoshitsugu TATSUZAWA	Date
Hidehn Find	28 November 2017
Signature: Hideki FU.M	Date
Signature: Hideki FUJII	28 November 2017 Date

PATENT REEL: 044686 FRAME: 0411

RECORDED: 01/22/2018