505077501 09/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5124258

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOYUKI KITAURA	07/13/2018
YOSHIHISA SHIRAI	07/13/2018
HIDEKI FUJII	07/13/2018

RECEIVING PARTY DATA

Name:	NIPPON STEEL & SUMITOMO METAL CORPORATION	
Street Address:	6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU,	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8071	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16082289

CORRESPONDENCE DATA

Fax Number: (703)504-9415

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2028351111

Email: tlim@clarkbrody.com
Correspondent Name: CLARK & BRODY

Address Line 1: 1700 DIAGONAL ROAD, SUITE 510 Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	12049-0220	
NAME OF SUBMITTER:	CHRISTOPHER W. BRODY	
SIGNATURE:	/Christopher W. Brody/	
DATE SIGNED:	09/05/2018	

Total Attachments: 3 source=ASSN#page1.tif source=ASSN#page2.tif source=ASSN#page3.tif

PATENT REEL: 046784 FRAME: 0890

505077501

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/JP2017/009619

Date of Filling: 9 March 2017

For which an application for a U.S. Patent was executed on

United States Patent Application Serial No.

Date of Filling:

Title of the Invention: TITANIUM PRODUCT AND METHOD FOR PRODUCING THE SAME

Inventors (Assignors): Tomoyuki KITAURA, Yoshihisa SHIRAI and Hideki FUJII

Assignee(s): NIPPON STEEL & SUMITOMO METAL CORPORATION

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");

6-1, Marunouchi 2-chome, Chivoda-ku, Tokyo 100-8071 Japan

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.

PATENT REEL: 046784 FRAME: 0891

Docket N	NO:
Page 2 d	of 2

Jomoyuki Kitaura Signature: Tomoyuki KITAURA	13 July 2018
Signature: Torfloyuki KITAURA	Date
Pashilisa Shirai	13 July 2018
Signature: Yoshihisa SHIRAI	Date
Signature: Hideki FUJII	Date

PATENT REEL: 046784 FRAME: 0892

Signature: Tomoyuki KITAURA	
Signature. Tombyaki NTAOIM	vale .
District Out Production	
Signature: Yoshihisa SHIRAI	Date
(tidela Fast	13 July 2018
Signature: Hideki FUJII	Date

PATENT REEL: 046784 FRAME: 0893

RECORDED: 09/05/2018

Docket No: Page 2 of 2