

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TERUKI TAKAYASU	04/13/2015
KINJI ONODA	04/13/2015
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14770737
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SIGNATURE:	/Kimberly Nunez/
DATE SIGNED:	08/26/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	
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**ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN
INVENTION**

Title of the Invention:

**METHOD FOR PRODUCING SURFACE-TREATED METAL TITANIUM
MATERIAL OR TITANIUM ALLOY MATERIAL, AND SURFACE-TREATED
MATERIAL**

ASSIGNOR (the marked space indicates the one that applies):

 X INVENTOR(S): Whereas the undersigned inventor(s), hereinafter referred to as
"Assignor" irrespective of the number thereof, has/have invented certain useful
improvements and inventions entitled as above and described in the patent application(s)
and/or patent(s) identified below (hereinafter referred to as the "Invention");

 COMPANY/PARTNERSHIP/INDIVIDUAL/OTHER NON-INVENTOR
OWNER(S): Whereas the undersigned non-inventor owner(s), hereinafter referred to as
"Assignor" irrespective of the number thereof, is/are the owner(s) of record of the above
identified Invention;

ASSIGNEE (hereinafter referred to as "Assignee" and by "its" irrespective of the
number and gender of the person(s) named below):

NAME (type or print)

ADDRESS (type or print)

SHOWA CO., LTD.

**2443-1, Kita-tahara-cho, Ikoma-city,
Nara 6300142, Japan**

INDICATED RIGHTS: Whereas the undersigned Assignor desires to assign to the
above-identified Assignee, who is desirous of acquiring the same, the following indicated
rights, title and interest in the above-identified Invention (the marked space(s) indicate all
that apply) :

 X United States of America rights, title and interest in the Invention

 United States Patent Application Serial No. _____

Date Declaration Signed: _____ Filing Date: _____

 United States Provisional Application _____

___ United States Patent No(s). _____

___ Other Countries rights, title and interest in the Invention (all countries throughout the world except the United States, hereinafter referred to as "World Rights")

X International (PCT) Patent Application No. PCT/JP2014/054027 Filing Date:

February 20, 2014

___ Other (specify) _____

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns, sells and transfers unto said Assignee all of the above-indicated rights, title and interest in and to the above-identified Invention, including the application(s) as identified above and any and all divisionals, continuations, and continuations-in-part thereof; in and to any and all Letters Patent of the United States, and of other countries if World Rights are indicated above, which may be granted or have been granted for said Invention; in and to any and all extensions, reissues and reexaminations thereof; in and to any and all corresponding international (PCT) applications; and in and to any and all priority rights, convention rights, and other benefits accruing or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States, and in other countries if World Rights are indicated above; all of the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, heirs and legal representatives, to the end of the term or terms for which any individual patent on the Invention may be granted or reissued as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

And Assignor also assigns to Assignee all claims for damages by reason of infringements prior to the date of this Assignment, with the right to sue for and collect the same for Assignee's own use and benefit, and for the use and benefit of its successors, assigns, heirs and legal representatives.

And if World Rights are indicated above, Assignor also assigns to Assignee the right to file applications and obtain patents, utility models, industrial models and designs for said Invention in its own name throughout the world, including all priority rights, all rights to publish cautionary notices reserving ownership of said Invention, and all rights to register said Invention in appropriate registries.

And Assignor hereby authorizes and requests the United States Patent and Trademark Office, and the corresponding patenting authorities of other countries if World Rights are indicated above, to issue any and all Letters Patent which may issue for said Invention to said Assignee, as assignee of the entire rights, title and interest thereto;

And Assignor further agrees to execute all lawful documents for filing any and all applications for patents on the Invention in the United States, and in other countries if World Rights are indicated above, including all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, and for obtaining any reissue or reissues of any Letters Patent which may be granted for the Invention; to execute any and all powers of attorney, applications, assignments, oaths, declarations, affidavits, and any and all other documents in connection therewith necessary to perfect and protect such rights, title and interest in Assignee; and generally do everything possible to vest title in Assignee and to aid Assignee in obtaining and enforcing proper protection for said Invention in the United States, and in all other countries if World Rights are indicated above; said documents to be prepared and executed and said aid provided at Assignee's expense and as the Assignee or its designee(s) may from time to time require.

And Assignor also agrees to communicate to Assignee any and all information respecting any improvements in the Invention.

And Assignor hereby grants to the law firm of Nexsen Pruet, LLC, having a principal office at 1230 Main Street, Suite 700, Columbia, South Carolina 29201, and its attorneys and agents, collectively referred to herein as Nexsen Pruet, the power and authority to insert into this Assignment any further identification of the application(s) on the Invention that may be necessary or desirable for its recordation in the U.S. Patent and Trademark Office.

X DECLARATION OF ASSIGNOR INVENTOR(S) (the marked space indicates that each assignor is an inventor and that this paragraph applies): Each undersigned assignor declares that the assigned application was made or was authorized to be made by him/her, that he/she believes himself/herself to be the original inventor or an original joint inventor of a claimed invention in the assigned application(s), and that he/she has read and understands the contents of the assigned application(s), including the claims, as

amended by any amendment specifically referred to above. Each undersigned assignor acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. Each assignor further acknowledges that any willful false statement made in this declaration paragraph is punishable under 18 U.S. C. 1001 by fine or imprisonment of not more than five (5) years, or both, and that any such willful false statement may jeopardize the validity of the application or any patent issued thereon.

ASSIGNOR AND WITNESS INFORMATION AND SIGNATURES:

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