

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NS PLANT DESIGNING CORPORATION	12/06/2017
RECEIVING PARTY DATA	
Name:	NIPPON STEEL & SUMITOMO METAL CORPORATION
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14371961
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SIGNATURE:	/bonnie s hughes/
DATE SIGNED:	01/03/2018
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, NS PLANT DESIGNING CORPORATION (hereinafter Assignor), a corporation organized and existing under and by virtue of the laws of Japan, having an office at 46-59, OAZA NAKABARU TOBATA-KU, KITAKYUSHU-SHI, FUKUOKA 804-0002, JAPAN, NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., a corporation organized and existing under and by virtue of the laws of Japan, having an office at OSAKI CENTER BUILDING, 5-1, OSAKI 1-CHOME, SHINAGAWA-KU, TOKYO 141-8604, JAPAN, and NIPPON STEEL & SUMITOMO METAL CORPORATION (hereinafter Assignee), a corporation organized and existing under and by virtue of the laws of Japan, having an office at 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN, share joint ownership of the entire right, title and interest in and to the following listed Patent Application in the United States by previous assignment;

U.S. Application No. 14/371,961, filed July 11, 2014

WHEREAS, NIPPON STEEL & SUMITOMO METAL CORPORATION is desirous of acquiring the Assignor's entire right, title and interest in and to the invention described and claimed in said Patent Application;

NOW, THEREFORE, for good and valuable consideration, the receipt of and sufficiency of which are hereby acknowledged, said Assignor has sold, assigned and transferred and does hereby sell, assign and transfer unto said Assignee, its successors and assigns, its entire undivided right, title and interest in and to the said Patent Application and the invention therein contained, including the right to sue for past infringement, and including the right to apply for any Letters Patent in the United States of America and in all foreign countries on said invention and including the right to claim the priority of the date of filing in the United States and any Letters Patent that may issue thereon, or therefor, in the United States and foreign countries and any further applications, including but not limited to continuations, divisionals, reissues and reexaminations, to be held and enjoyed by said Assignee, its successors and assigns, the same as it would have been held and enjoyed by said Assignor if this assignment and sale had not been made.

Assignor hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interest granted herein and that Assignor will not execute any instrument or grant or transfer any rights or interests inconsistent therewith.

AND, Assignor further covenants and agrees, in consideration of the premises, that it, its executors and administrators, will, at any time upon request, communicate to Assignee, its

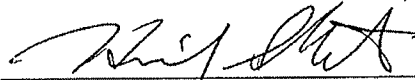
successors and assigns, any facts relating to said invention and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by Assignee, its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, said Assignor has hereunto set its seal this 6th day of December, 2017.

NS PLANT DESIGNING CORPORATION,

By:



Hiroshi Shiraishi

Title:

Representative Director, President