504576724 10/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4623435

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| YOSHIHIRO SUWA | 07/28/2017 |
| SHINICHIRO TABATA | 07/28/2017 |
| MASAFUMI AZUMA | 07/28/2017 |
| KAZUO HIKIDA | 07/28/2017 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15563986 |

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| SIGNATURE: | /CHRISTOPHER W. BRODY/ | |
| DATE SIGNED: | 10/03/2017 | |

Total Attachments: 2 source=198ass1#page1.tif source=198ass1#page2.tif

PATENT REEL: 043762 FRAME: 0924

504576724

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/JP2016/061424

Date of Filing: 7 April 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: STEEL SHEET FOR HEAT TREATMENT

Inventors (Assignors): Yoshihiro SUWA, Shinichiro TABATA, Masafumi AZUMA and Kazuo HIKIDA

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, Chiyoda-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.

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RECORDED: 10/03/2017

| Poshihiro Suwa | 28 July 2017 |
|--------------------------------------|--------------|
| Signature: Yoshihiro SUWA | Date |
| Shinichiro Jobata | 28 July 2017 |
| Signature: Shinichiro TABATA | Date |
| masofuni Azuma | 28 July 2017 |
| Signature: Masafumi AZUMA | Date |
| Dazuo Hikida Signature: Kazuo HIKIDA | 28 July 2017 |
| Signature: Kazuo HIKIDA | Date |

PATENT REEL: 043762 FRAME: 0926