506094046 06/05/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUSHI KURISU	04/16/2020
HAYATO KONNAI	04/16/2020
FUTOSHI NISHIMURA	04/16/2020
SATOSHI UCHIDA	04/16/2020
ATSUSHI MIGITA	04/16/2020
YUUKI MISHIMA	04/16/2020

RECEIVING PARTY DATA

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City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8071
Name:	NIPPON STEEL HARDFACING CORPORATION
Name: Street Address:	NIPPON STEEL HARDFACING CORPORATION 26-5, KAMEIDO 6-CHOME, KOTO-KU
Street Address:	26-5, KAMEIDO 6-CHOME, KOTO-KU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16770003

CORRESPONDENCE DATA

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PATENT REEL: 052857 FRAME: 0420

506094046

ATTORNEY DOCKET NUMBER:	0210-0535PUS1
NAME OF SUBMITTER:	ANH-VU DAO
SIGNATURE:	/anh-vu dao/
DATE SIGNED:	06/05/2020
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source=2020-06-04_Assignment_0210-0535PUS1#page3.tif source=2020-06-04_Assignment_0210-0535PUS1#page4.tif

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert ASSIGNEE's Name(s) Address(es))

1) NIPPON STEEL CORPORATION

- 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan
- 2) NIPPON STEEL HARDFACING CORPORATION
- 26-5, Kameido 6-chome, Koto-ku, Tokyo 136-0071, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

HOT DIP METAL PLATING BATH ROLL AND METHOD OF PRODUCTION OF HOT DIP METAL PLATING BATH ROLL

relating to International Patent Application $\underline{PCT/JP2018/044351}$ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date of execution of application, if not concurrent) (a) executed on April 16, 2020

(b) filed on _. June 4, 2020 Serial No. ; 16/770,003 Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

茅板 秦 (SIGNATURE)	Yasushi Kurisu (TYPE NAME)	April 16, 2020
近内 勇人 (SIGNATURE)	Hayato Konnai (TYPE NAME)	April 16, 2020
西村 太志 (SIGNATURE)	Futoshi Nishimura (TYPE NAME)	April 16, 2020
内田 智史 (SIGNATURE)	Satoshi Uchida (TYPE NAME)	April 16, 2020
(SIGNATURE)	Atsushi Migita (TYPE NAME)	(DATE)

Yuuki Mishima		
(SIGNATURE)	(TYPE NAME)	(DATE)

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	Yasushi Kurisu	
(SIGNATURE)	(TYPE NAME)	(DATE)
	Hayato Konnai	
(SIGNATURE)	(TYPE NAME)	(DATE)
	·	
	Futoshi Nishimura	
(SIGNATURE)	(TYPE NAME)	(DATE)
	Satoshi Uchida	
(SIGNATURE)	(TYPE NAME)	(DATE)
Atsushi Migita	Atsushi Migita	April 16, 2020
(SIGNATURE)	(TYPE NAME)	(DATE)

Yuuki Mishima Yuuki Mishima
Yuuki Yuuki

April 16,2020
(DATE)

PATENT REEL: 052857 FRAME: 0425

RECORDED: 06/05/2020