10/19/2015 503528694

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUSUKE TERAZAWA	05/29/2015
KATSUYUKI ICHIMIYA	06/05/2015
KAZUKUNI HASE	06/09/2015
SHIGERU ENDO	01/06/2015

RECEIVING PARTY DATA

Name:	JFE STEEL CORPORATION
Street Address:	2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-0011

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14774351

CORRESPONDENCE DATA

Fax Number: (610)407-0700

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.

610-407-0700 Phone:

Email: kspina@ratnerprestia.com LISA MEAD, REG. NO. 64,253 **Correspondent Name:**

Address Line 1: P.O. BOX 980

Address Line 4: VALLEY FORGE, PENNSYLVANIA 19482

ATTORNEY DOCKET NUMBER:	JFE-273US
NAME OF SUBMITTER:	LISA MEAD, REG. NO. 64,253
SIGNATURE:	/LISA MEAD/
DATE SIGNED:	10/19/2015

Total Attachments: 2

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> **PATENT** REEL: 036822 FRAME: 0692 503528694

ASSIGN	JENT	- Patent Application	Dock	xet Number: JFE-273US	
Whereas, the Ass	signor, co	mprising the following named invent	tors:		
	1. Yusuke TERAZAWA		2	2. Katsuyuki ICHIMIYA	
ASSIGNOR(s)/ INVENTOR(s)	3. Kaz	3. Kazukuni HASE		4. Shigeru ENDO	
	5.	5.		6.	
	7.		8	8.	
made an invention	n entitled			LLENT CTOD PROPERTIES IN MANUFACTURING METHOD FOR THICK	
for which an application (Select one of the fo		Letters Patent of the United States:			
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:					
ASSIGNEE		JFE STEEL CORPORATION			
(Full Name and Address)		2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan			
is desirous of acq	uiring the	entire interest in and to said invention	on and	the Letters Patent to be obtained therefor,	
Dollar (\$1.00), and Assignor, intendin assigns, the full as aid invention, inc based thereon, ar	d for othe g to be le nd exclus luding all nd all Lett	r good and valuable consideration, the gally bound, hereby sells, assigns are live right, title and interest in and to se divisions, continuations, and continu	he recond transaid involutions	to Assignor of a sum corresponding to One ceipt of which is hereby acknowledged, insfers to Assignee, its successors and vention, all applications for Letters Patent for s-in-part thereof, all rights to claim priority ned therefor, including any and all foreign	
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.					
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.					
If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.					

PATENT REEL: 036822 FRAME: 0693

ASSIGNMENT - Patent Application

Docket Number:

JFE-273US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
	Yusuke TERAZAWA	Yusuke TERAZAWA	May 29, 2015
		* Witness to Assignor #1	Ţ /-
	Katsuyuki ICHIMIYA	Katenyuki Achiniya	Junu 6, 2015
SIGNATURE		* Witness to Assignor #2	
	3. Kazukuni HASE	Hazirkuni Hase	June 9, 2015
		V	
,	The state of the s	* Witness to Assignor #3	
	4. Shigeru ENDO	Slings Endo	01.06,2015
		* Witness to Assignor #4	
Application for	United States Letters Patent:		
	14/774,351		
Tiled:	•		
Attorney Docke	September 10,2015 JFE-273US		
Total Number of Assignment Pages 2		* Witness signature recommended	d, mandatory for some countries

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RECORDED: 10/19/2015