### 503056491 11/11/2014

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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TAKUYA NAGAHAMA	04/04/2014
HIROSHI CHIKATSUNE	03/27/2014
JUN TAKANO	03/27/2014
TAKAMASA KAWAI	03/27/2014
MASATERU UETA	03/27/2014
KAZUNARI TAKAHASHI	03/27/2014
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14351976	

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NAME OF SUBMITTER:	ANDREW J. KOOPMAN

503056491 PATENT REEL: 034146 FRAME: 0175

SIGNATURE:	/Andrew J. Koopman/	
DATE SIGNED:	11/10/2014	
Total Attachments: 3		
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source=JFE-196assign#page3.tif		

PATENT REEL: 034146 FRAME: 0176

ASSIGNMENT - Patent Application		Doc	Docket Number:		
Whereas, the Assignor, comprising the following named inventors:					
	1. Masaki YOSHIKAWA			2. Takuya NAGAHAMA	
ASSIGNOR(s)/ INVENTOR(s)	3. Hiro	3. Hiroshi CHIKATSUNE		4. Jun TAKANO	
	5. Takamasa KAWAI			6. Masateru UETA	
	7. Kazunari TAKAHASHI			8. Nobuhiko MORIOKA	
made an inventior	entitled:	THREADED COUPLING FOR P	<u>IPE</u>		
for which an application for Letters Patent of the United States: (Select one of the following):					
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on April 15, 2014 as U.S. Patent Application Serial No.: 14/351,976					
		JFE STEEL CORPORATION			
ASSIGNEE (Full Name and A	ddress)	2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan			

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

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.

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# ASSIGNMENT - Patent Application

Docket Number:

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
	Masaki YOSHIKAWA	Masaki Joshikawa	March 27, 2014
		* Witness to Assignor #1	<u>.</u>
	2. Takuya NAGAHAMA	Takoja Najakawa	April 4, 2014
		* Witness to Assignor #2 ,	
	3. Hiroshi CHIKATSUNE	Wroshi Chikatswal	March 27, 2014
SIGNATURE		* Witness to Assignor #3	
	4. Jun TAKANO	Jun Takano	March 27, 2014
		* Witness to Assignor #4	
	5. Takamasa KAWAI	Takamasa Kawai	March 27, 2014
		* Witness to Assignor #5	
	6. Masateru UETA	Masstern Veta	March 27, 2014
		* Witness to Assignor #6	

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	Typed or Printed Name	Signature	Date
	7. Kazunari TAKAHASHI	Kazunari Taleahashi	March 27, 2014
	The control of the co	* Witness to Assignor #7	
	8. Nobuhiko MORIOKA	Nebakiko Menieka	March 27, 2014
		* Witness to Assignor #8	
		-	
Application for	United States Letters Patent:		
Serial No :	14/351,	,976	
Filed:	April ]	L5, 2014	
Attorney Docke	ot Number: JFE-1960	JS	
Total Number of	of Assignment Pages 3	* Witness signature recommended	d, mandatory for some countries

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Date

**PATENT REEL: 034146 FRAME: 0179** 

**RECORDED: 11/11/2014**