PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYO-GYOUNG KANG	05/08/2018
AKIO SONODA	04/27/2018
HIDEAKI NAGAYOSHI	05/08/2018
HIROAKI FURUTA	05/08/2018
HIROYUKI MIYAZAKI	05/15/2018

RECEIVING PARTY DATA

Name:	FUJICO CO., LTD.
Street Address:	18-12, NAKABARUNISHI 2-CHOME,
Internal Address:	TOBATA-KU, KITAKYUSHU-SHI,
City:	FUKUOKA
State/Country:	JAPAN
Postal Code:	8040011

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15776892

CORRESPONDENCE DATA

Fax Number: (703)683-1080

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.

Phone: 7036830500

MAIL@BACONTHOMAS.COM Email: **BACON & THOMAS, PLLC Correspondent Name:**

Address Line 1: **625 SLATERS LANE** Address Line 2: FOURTH FLOOR

Address Line 4: ALEXANDRIA, VIRGINIA 22314-1176

ATTORNEY DOCKET NUMBER:	KANG3043/BEU
NAME OF SUBMITTER:	BENJAMIN E. URCIA
SIGNATURE:	/BENJAMIN E. URCIA/
DATE SIGNED:	06/04/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

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REEL: 046290 FRAME: 0659 504942662

Total Attachments: 6 source=KANG3043_Dec_Assgmt#page1.tif source=KANG3043_Dec_Assgmt#page2.tif source=KANG3043_Dec_Assgmt#page3.tif source=KANG3043_Dec_Assgmt#page4.tif source=KANG3043_Dec_Assgmt#page5.tif source=KANG3043_Dec_Assgmt#page6.tif

PATENT REEL: 046290 FRAME: 0660 Attorney Ref:

DECLARATION & ASSIGNMENT

DECLARATION

TITLE OF INVENTION: ROLL FOR HOT ROLLING PROCESS AND METHOD FOR MANUFACTURING SAME

As a be	low named inventor, I hereby declare that:
This de	claration is directed to:
	The accompanying utility or design patent application, or
☑ filed or	United States application or PCT international application number: PCT/JP2016/083743 November 15, 2016.
1. The	above-identified application was made or authorized to be made by me.
2. I bel applica	lieve that I am the original inventor or an original joint inventor of a claimed invention in the tion.
3. The under	reby acknowledge that any willful false statement made in this declaration is punishable 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
has be Potent	ning this declaration, the inventor(s) confirms that the application, including the claims, en read and understood and that the inventor is aware of the duty to disclose to the U.S. and Trademark Office all information known to the inventor(s) to be material to ability as defined in 37 CFR§1.56.
	ASSIGNMENT
owner	AAS, I (we), the below named inventor, hereinafter referred to as ASSIGNOR, is the or an of certain new and useful improvements in the above identified application (hereinafter d to as the INVENTION).
WHERI	EAS, FUJICO CO., LTD.
	post office address is/are 18-12, Nakabarunishi 2-Chome, Tobata-ku, Kitakyushu-shi, Fukuoka 1 Japan
	ofter referred to as Assignee, is desirous of acquiring the entire right, title and interest in and invention in the United States;
and	in any foreign countries.
(we), A title, an ncludu	HEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I SSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, d interest in and to said INVENTION and application throughout the United States of America, ag any and all Letters Patent granted on any division, continuation, continuation-in-part and of said application.

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ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and/or the Director of the United States Patent and Trademark Office (USPTO) to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas, PLLC,* USPTO Customer No. 23364, to insert or complete any information in the assignment portion of this document needed to effect its recordal in the USPTO.

LEGAL NAME OF INVENTOR/ASSIGNOR				
Name:	Hyo-Gyoung KANG	Date: My 8, 2018		
Signature:	djoggarne,	/Larg		

Additional inventors are being named on the supplemental sheet attached hereto.

LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	Akio SONODA	Date:	2018-4-27
Signature:	Akio Lonoda		

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LEGAL NAME OF INVENTOR/ASSIGNOR				
Name:	Hideaki NAGAYOSHI	Date:	May	8,2018
Signature:	Idideaki Nagay	pohi.		

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LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	Hiroaki FURUTA	Date:	May , 8, 20/8
Signature:	Himaki Furute		

 $[{]f Z}$ Additional inventors are being named on the supplemental sheet attached hereto.

LEGAL NAME OF INVENTOR/ASSIGNOR				
Name:	Hiroyuki MIYAZAKI	Date:	May. 16, 2018	
Signature:	Hiroyuki Miyaza	Lï		

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