PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATSUHIRO TSUJI	10/21/2014
AKIO SHINOHARA	10/21/2014
MASAKI MORONUKI	10/21/2014

RECEIVING PARTY DATA

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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14384949	

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	1680/102 PCT/US
NAME OF SUBMITTER:	CARLY MILLER
SIGNATURE:	/carly miller/
DATE SIGNED:	12/30/2014

Total Attachments: 4

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PATENT

503119066 REEL: 034601 FRAME: 0430

RECORDATION FORM COVER SHEET PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Pleas			
Name of conveying party(ies)	2. Name and address of receiving party(ies)		
KATSUHIRO TSUJI AKIO SHINOHARA	Name: <u>Kabushiki Kaisha Riken</u>		
MASAKI MORONUKI	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 13-5, Kudankita 1-chome, Chiyoda-ku		
3. Nature of conveyance/Execution Date(s): Execution Date(s): 10/21/2014			
Assignment Merger	City: Tokyo State:		
Security Agreement Change of Name			
Joint Research Agreement Government Interest Assignment	Country: JAPAN Zip: 1028202		
Executive Order 9424, Confirmatory License			
Other	Additional name(s) & address(es) attached? Yes No		
A. Patent Application No.(s) 14/384,949	s document is being filed together with a new application. B. Patent No.(s)		
Additional numbers att 5. Name and address to whom correspondence	ached? Yes No 6. Total number of applications and patents		
concerning document should be mailed:	involved:1		
	7. Total fee (37 CFR 1.21(h) & 3.41) \$		
Name: Arles A. Taylor, Jr.	Authorized to be charged by credit card		
Jenkins, Wilson, Taylor & Hunt, P.A.	Authorized to be charged to deposit account		
Internal Address: Suite 1200, University Tower	Enclosed		
3100 Tower Boulevard	None required (government interest not affecting title)		
City: Durham	8. Payment Information		
State: NC Zip: 27707	a. Credit Card Last 4 NumbersExpiration Date		
Phone Number: 919-493-8000	b. Deposit Account Number50-0426		
Fax Number: 919-419-0383	Authorized User Name <u>Jenkins, Wilson, Taylor & Hunt, P.A.</u>		
Email Address: ataylor@jwth.com	Attorney Docket No.: 1680/102 PCT/US		
9. Signature: All A Signature	12/30/14 Date		
Arles A. Taylor, Jr. Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 4		

PATENT REEL: 034601 FRAME: 0431

Attorney Docket No.: 1680/102 PCT/US

ASSIGNMENT

WHEREAS, we, Katsuhiro Tsuji of Niigata, JAPAN; Akio Shinohara of Niigata, JAPAN; and Masaki Moronuki of Niigata, JAPAN (hereinafter "Assignors"), have invented certain new and useful improvements in COMBINATION OF CYLINDER AND PISTON RING (hereinafter "Invention") for which application for a U.S. Patent was made on September 12, 2014 as Serial No. 14/384,949 (hereinafter "Application"), and claims priority to International Application No. PCT/JP2013/055977 filed March 5, 2013, which claims priority to Japanese Patent Application No. 2012-210328 filed September 25, 2012 and Japanese Patent Application No. 2012-056685 filed March 14, 2012.

AND, WHEREAS, Kabushiki Kaisha Riken, a corporation duly organized and existing under the laws of JAPAN, having its principal office and place of business at 13-5, Kudankita 1-chome, Chiyoda-ku, Tokyo 1028202 Japan (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Application, and in and to any and all foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of the Application in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made.

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Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the Invention and Application above-mentioned, and that they have the unencumbered right and authority to make this Assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify in any interference or legal proceedings involving the Application or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this	<u>2 /</u> d	ay of	October	2014.
			<u>Kateuhira</u> Katsuhiro Tsuji	Tayi
			Katsuhiro Tsuji	V
Witnessed by:				
School Korehara	i	23 . Cetho,	r. 2014	
Name	D	ate	···	
Joholi Jamachi	t	23. Q	topon, 2014	
Name	D	ate	-	

Attorney Docket No.: 1680/102 F	PCT/US		
Executed this2	_ day of	October	2014.
		Akio Shin Akio Shinohara	
Witnessed by:		7 INO OTHIOTETA	
Sotoski Kuriharu 2 Name	3. October . Date	2014	
Johnshi Jamashita Name	ン分、 Date	October, 2014	
	* * * * * :	* * * *	
Executed this	_ day of	October	2014.
		Masaki Moronu	
Witnessed by:			
Storki Karihora 23 Name	Date	2014	
Johnshi Jamashita	23.0	lober 2014	
Name	Date	I	