503919665 07/18/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3966318

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
HIROSHI FURUSAWA			03/01/2016	
MASAAKI MIYOSHI			03/01/2016	
RECEIVING PARTY DA				
Name:	THE YOKOHAMA RUBBER CO., LTD.			
Street Address:	36-11, SHIMBASHI 5-CHOME			
City:	MINAT	MINATO-KU, TOKYO		
State/Country:	JAPAN	JAPAN		
Postal Code:	105-868	105-8685		
	.			
PROPERTY NUMBERS	5 I otal: 1			
PROPERTY NUMBERS		Number		
		Number 15022911		
Property Type Application Number:				
Property Type Application Number: CORRESPONDENCE	ОАТА	15022911		
Property Type Application Number: CORRESPONDENCE I Fax Number:	ΔΤΑ	(801)566-0750	uccessful. it will be sent	
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i>	DATA De sent to provided	15022911 (801)566-0750 the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent		
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Email:	DATA be sent to provided	15022911 (801)566-0750 • the e-mail address first; if that is unsu I; if that is unsuccessful, it will be sent liliana.torres@tnw.com, Rich@tnw.com		
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Email: Correspondent Name:	DATA be sent to provided	15022911 (801)566-0750 <i>the e-mail address first; if that is unsu</i> <i>; if that is unsuccessful, it will be sent</i> liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN		
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Email: Correspondent Name: Address Line 1:	DATA be sent to provided	15022911 (801)566-0750 <i>the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent</i> liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN 8180 SOUTH 700 EAST, SUITE 350		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4:	DATA be sent to provided	15022911 (801)566-0750 the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN 8180 SOUTH 700 EAST, SUITE 350 SANDY, UTAH 84070		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 4:	DATA be sent to provided	15022911 (801)566-0750 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN 8180 SOUTH 700 EAST, SUITE 350 SANDY, UTAH 84070 3138-372.PCT.US		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	DATA be sent to provided	15022911 (801)566-0750 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN 8180 SOUTH 700 EAST, SUITE 350 SANDY, UTAH 84070 3138-372.PCT.US RANDY M. BRAEGGER		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE:	DATA be sent to provided	15022911 (801)566-0750 the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN 8180 SOUTH 700 EAST, SUITE 350 SANDY, UTAH 84070 3138-372.PCT.US RANDY M. BRAEGGER /Randy M. Braegger/		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	DATA be sent to provided	15022911 (801)566-0750 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent liliana.torres@tnw.com, Rich@tnw.com THORPE NORTH & WESTERN 8180 SOUTH 700 EAST, SUITE 350 SANDY, UTAH 84070 3138-372.PCT.US RANDY M. BRAEGGER	via US Mail.	

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif

U.S. Patent App. No.: Filing Date:

Attorney Docket No.: 3138-372.PCT.US Client Docket No.: OP2016-009/US

PARTIES TO THE ASSIGNMENT

Assignor(s): Hiroshi FURUSAWA c/o The Yokohama Rubber Co., LTD. Hiratsuka Factory 2-1 Oiwake Hiratsuka-shi, Kanagawa 254-8601 Japan

Masaaki MIYOSHI c/o The Yokohama Rubber Co., LTD. Hiratsuka Factory 2-1 Oiwake Hiratsuka-shi, Kanagawa 254-8601 Japan

Assignee: The Yokohama Rubber Co., LTD. 36-11, Shimbashi 5-chome Minato-ku, Tokyo 105-8685 Japan

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"PNEUMATIC TIRE" (Invention) for which a non-provisional application for United States Letters Patent

was filed on ______; or _____; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for recordation.

U.S. Patent App. No.: Filing Date:

Attorney Docket No.: 3138-372.PCT.US Client Docket No.: OP2016-009/US

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of <u>Thorpe North & Western</u>, associated with Customer No. <u>20,551</u>, to insert in the header above and here in parentheses (U.S. application no.______, filed ______) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the country of Japan, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said Invention to ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and

U.S. Patent App. No.: Filing Date:

Attorney Docket No.: 3138-372.PCT.US Client Docket No.: OP2016-009/US

foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefore.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

U.S. Patent App. No.: Filing Date: Attorney Docket No.: 3138-372.PCT.US Client Docket No.: OP2016-009/US

CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be

addressed to the number associated with the customer number listed below, which is:

Customer No. 20,551

Page 4 of 6

U.S. Patent App. No.: Filing Date:

Attorney Docket No.: 3138-372.PCT.US Client Docket No.: OP2016-009/US

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

 \boxtimes the attached application; or

United States application number ______ filed on _____; or

PCT international application number ______ filed on ______.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: Hiroshi FURUSAWA

Mar, 1, 2016 Date Hiroshi Furusawa Inventor Signature

Page 5 of 6

PATENT REEL: 039180 FRAME: 0056

U.S. Patent App. No.: Filing Date:

Attorney Docket No.: 3138-372.PCT.US Client Docket No.: OP2016-009/US

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

 \boxtimes the attached application; or

United States application number ______ filed on _____; or PCT international application number ______ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: Masaaki MIYOSHI

Date

Mar. 1, 2016 三奸雅章

Inventor Signature

Page 6 of 6

RECORDED: 07/18/2016