PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKANORI UEMURA	02/08/2019
TAKAYUKI SHIRAISHI	02/01/2019
HIRAKU KOUDA	02/01/2019
TATSURO SHINZAWA	02/04/2019

RECEIVING PARTY DATA

Name:	THE YOKOHAMA RUBBER CO., LTD.
Street Address:	36-11, SHIMBASHI 5-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	105-8685

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16328675

CORRESPONDENCE DATA

Fax Number: (801)566-0750

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.

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Correspondent Name: THORPE NORTH & WESTERN 8180 S. 700 E., SUITE 350 Address Line 4: SANDY, UTAH 84070

ATTORNEY DOCKET NUMBER: 3138-752.PCT.US

NAME OF SUBMITTER: RANDY M. BRAEGGER

SIGNATURE: /RANDY M. BRAEGGER/

DATE SIGNED: 02/26/2019

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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PATENT REEL: 048447 FRAME: 0395

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PATENT REEL: 048447 FRAME: 0396

U.S. Patent App. No.: Filing Date:	Attorney Docket No.: 3138-752.PCT.US Client Docket No.: 72712US
PARTIES TO THE ASSIGNMENT	
Assignor(s): Takanori UEMURA c/o The Yokohama Rubber Co., LTD. Hiratsuka Factory 2-1 Oiwake Hiratsuka-shi, Kanagawa 254-8601 Japan	
Takayuki SHIRAISHI c/o The Yokohama Rubber Co., LTD. Hiratsuka Factory 2-1 Oiwake Hiratsuka-shi, Kanagawa 254-8601 Japan	
Hiraku KOUDA c/o The Yokohama Rubber Co., LTD. Hiratsuka Factory 2-1 Oiwake Hiratsuka-shi, Kanagawa 254-8601 Japan	
Tatsuro SHINZAWA 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 and accorded U.S. application no	; or
will be filed concurrently with the submission of this execut	ted PATENT ASSIGNMENT for recordation.

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

Attorney Docket No.: 3138-752.PCT.US

Client Docket No.: 72712US

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Thorpe North & Western, associated with Customer No. 20,551, 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 ASSIGNEE. ASSIGNOR(S) agree

to execute all instruments and documents required for the making and prosecution of applications for United States and

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.

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PATENT

REEL: 048447 FRAME: 0398

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

Attorney Docket No.: 3138-752.PCT.US

Client Docket No.: 72712US

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.

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 3 of 7

PATENT **REEL: 048447 FRAME: 0399**

U.S. Patent App. No.: Filing Date:	Attorney Docket No.: 3138-752 PCT US Client Docket No.: 72712US
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States application number filed on or	
PCT international application number PCT/JF	2017/031205 filed on <u>August 30, 2017</u> .
The above-identified application was made or authorized	to be made by me.
I believe that I am the original inventor or an original joir application.	nt inventor of a claimed Invention in the
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 ma- USC 1001 by fine or imprisonment of not more than five	n.
Legal name of inventor: Takanori UEMURA	
Feb. 8, 2019	Tokawari Vermuza Inventor Signature

U.S. Patent App. No.: Filing Date:	Attorney Docket No.: 3138-752.PCT.US Client Docket No.: 72712US
DECLARATION	
As a below named inventor, I hereby declare the	nat:
This declaration is directed to:	
the attached application; or	
United States application number	filed on or
PCT international application num	ber <u>PCT/JP2017/031205</u> filed on <u>August 30, 2017</u> .
The above-identified application was made or	authorized to be made by me.
I believe that I am the original inventor or an capplication.	original joint inventor of a claimed Invention in the
	f the above-identified application, and acknowledge the Office all information known to me to be material to
I hereby acknowledge that any willful false str USC 1001 by fine or imprisonment of not more	atement made in this declaration is punishable under 18 re than five (5) years, or both.
Legal name of inventor: Takayuki SHIRAISH	ii.
Feb. 1st, 2019	V. Shiraishi
Date	Inventor Signature

U.S. Patent App. No.: Filing Date:	Attorney Docket No.: 3138-752.PCT.US Client Docket No.: 72712US
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States application number filed on or	
PCT international application number PCT/JP20	17/031205 filed on <u>August 30, 2017</u> .
The above-identified application was made or authorized to l	be made by me.
I believe that I am the original inventor or an original joint in application.	nventor of a claimed Invention in the
I have reviewed and understand the contents of the above-ide duty to disclose to the US Patent & Trademark Office all infinite patentability as defined in 37 CFR 1.56.	•
I hereby acknowledge that any willful false statement made in USC 1001 by fine or imprisonment of not more than five (5)	
Legal name of inventor: Hiraku KOUDA	
Feb. 1, 2019 Date Inv	Linds faml rentor Signature

U.S. Patent App. No.: Filing Date:	Attorney Docket No.: 3138-752.PCT.US Client Docket No.: 72712US
DECLARATION	
As a below named inventor, I hereby declare that:	·
This declaration is directed to:	
the attached application; or	
United States application number filed on o	or
PCT international application number PCT/	IP2017/031205 filed on August 30, 2017.
The above-identified application was made or authorize	d to be made by me.
I believe that I am the original inventor or an original jo application.	int inventor of a claimed Invention in the
I have reviewed and understand the contents of the above	ve-identified application, and acknowledge the
duty to disclose to the US Patent & Trademark Office a	II 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 m USC 1001 by fine or imprisonment of not more than fiv	
Legal name of inventor: Tatsuro SHINZAWA	
Feb. 4, 2019	Talsuro Shign Inventor Signature
Date	Inventor Signature

RECORDED: 02/26/2019