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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4143700

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANABU KATO	11/14/2016
RYOTA TAKAHASHI	11/14/2016
TAKAHIRO OKAMATSU	11/14/2016
YOSHIAKI KIRINO	11/14/2016

RECEIVING PARTY DATA

Name:	The Yokohama Rubber Co., Ltd.	
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City:	Minato-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	105-8685	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15311404

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ATTORNEY DOCKET NUMBER:	ION-157-A
NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	11/15/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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Attorney Docket No.: ION-157-A

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

BEAD FILLER RUBBER COMPOSITION AND PNEUMATIC TIRE
(Title of the Invention)
As a below named inventor / assignor (hereinafter designted as undersigned), I hereby declare that: This declaration is directed to: The attached application,
OR
⊠United States Application Number or PCT International Application Number
PCT/JP2014/083770; filed on December 19, 2014.

If the application is not attached hereto, the application is as identified by the Attorney Docket Number as set forth above.

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, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

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

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent of inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filling date before that of the application for which priority is claimed.

Prior Foreign	Country	Foreign Filing	Priority	Certified Co	py Attached?
Application		Date	Not Claimed		
Number(s)		(MM/DD/YYYY)		YES	NO
2014-102237	Japan	05/16/2014			\boxtimes

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I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date (MM/DD/YYYY)

Direct all correspondence to the address associated with Customer Number: 21828

Joseph P. Carrier, Reg. No. 31,748 Fulchand P. Shende, Reg. No. 69,558 Anne G. Sabourin, Reg. No. 33,772

William D. Blackman, Reg. No. 32,397 Jeffrey T. Gedeon, Reg. No. 57,510 Jingli Wang, Reg. No. 72,643

SEND CORRESPONDENCE TO: CARRIER, BLACKMAN & ASSOCIATES, P.C. Joseph P. Carrier, William D. Blackman, 22960 Venture Drive – Suite 100 Novi, Michigan 48375 (248) 344-4422

DIRECT TELEPHONE CALLS TO: Fulchand P. Shende, Jeffrey T. Gedeon, Anne G. Sabourin or Jingli Wang

WHEREAS, in consideration of value received, the undersigned sells and assigns to

THE YOKOHAMA RUBBER CO., LTD.;

a corporation of Japan, having a place of business at

36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 Japan

([name of assignee(s)]: a corporation of [country], having a place of business at [address]),

respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire right, title and interest in and to above-identified invention invented by the Assignor and as described in the United States Application Number or PCT International Application Number

U.S. Patent Application No. 15/311,404 electronically filed 15 November 2016

(Serial No. and filing date unknown at time of signing, however, Applicant's representative is specifically authorized to insert the relevant serial No. and filing date in the space above as soon as it becomes known) and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any

legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications,

make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby grants the law firm of Carrier Blackman & Associates, PC the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

In witness whereof, executed by the undersigned.

LEGAL NAME OF SOLE OR FIRST INVENTOR: Manabu KATO
Inventor's Signature: Manulu Kat Date: November 14, 2016
Residence: City: <u>Hiratsuka City</u> , <u>Kanagawa</u> State: Country: <u>Japan</u>
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LEGAL NAME OF Additional Joint Inventor, if any: Ryota TAKAHASHI Inventor's Signature: Myta Takahashi Date: November 14, 2016 Residence: City: Hiratsuka City, Kanagawa State: Country: Japan Mailing Address: c/o The Yokohama Rubber Co., LTD. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa 254-8601 Japan City: Hiratsuka City, Kanagawa State: Zip: 254-8601 Country: Japan

PATENT REEL: 040329 FRAME: 0465

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)

Supplemental Sheet Page 1 of 1

LEGAL NAME OF Additional Joint Inventor, if any: Takahiro OKAMATSU
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LEGAL NAME OF Additional Joint Inventor, if any: Yoshiaki KIRINO
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LEGAL NAME OF Additional Joint Inventor, if any:
Inventor's Signature: Date:
Residence: City: State: Country:
Mailing Address:
City: State: 7in: Country:

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RECORDED: 11/15/2016