505043580 08/09/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHIEU BONNAMOUR	06/09/2016
BENOIT DURAND-GASSELIN	06/09/2016
SERGE LEFEBVRE	06/09/2016
MATHIEU VANDAELE	06/09/2016
KAZUTAKA YOKOKAWA	06/09/2016
MASAYOSHI NOMURA	06/09/2016

RECEIVING PARTY DATA

COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
12 COURS SABLON
CLERMONT-FERRAND
FRANCE
F-63000
MICHELIN RECHERCHE ET TECHNIQUE, S.A.
ROUTE LOUIS BRAILLE 10
ODANOSO DAGGOT
GRANGES-PACCOT
SWITZERLAND

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15034734

CORRESPONDENCE DATA

Fax Number: (248)433-7274

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: 248-433-7200

Email: JALawrence@dickinsonwright.com

Correspondent Name: STEVEN C. HURLES
Address Line 1: 2600 W. BIG BEAVER RD.

Address Line 2: SUITE 300

Address Line 4: TROY, MICHIGAN 48084

505043580 REEL: 046597 FRAME: 0939

PATENT

ATTORNEY DOCKET NUMBER:	338180-1259
NAME OF SUBMITTER:	STEVEN C. HURLES
SIGNATURE:	/Steven C. Hurles/
DATE SIGNED:	08/09/2018
Total Attachments: 6	
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PATENT REEL: 046597 FRAME: 0940

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by (1) Matthieu BONNAMOUR, (2) Benoit DURAND-GASSELIN, (3) Serge LEFEBVRE, (4) Mathieu VANDAELE. (5) Kazutaka YOKOKAWA, and (6) Masavoshi NOMURA residing at (1) Manufacture Francaise des Pneumatiques Michelin. DGD/PI - F35 Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR), (2) Manufacture Francaise des Pneumatiques Michelin. DGD/PI - F35 Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR), and (3) Manufacture Francaise des Pneumatiques Michelin, DGD/PI - F35 Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR) (4) Manufacture Francaise des Pneumatiques Michelin, DGD/PI - F35 Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR), and (5) Manufacture Francaise des Pneumatiques Michelin, DGD/PI - F35 Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR), and (6) Manufacture Francaise des Pneumatiques Michelin, DGD/PI - F35 Ladoux, F-63040 Clermont-Ferrand Cedex 9 and (hereinafter referred to as "the Assignors"), respectively witnesseth:

WHEREAS, the Assignors have invented certain new and useful inventions and improvements in

TREAD COMPRISING A BLOCK HAVING A PLURALITY OF SIPES

set forth in an application for Letters Patent of the United States, which is a

(1.) [X] Non-provisional application

and

- (a) [X] bearing Application No. 15/034,734 and filed on May 5, 2016;
- (b) [] having an oath or declaration executed on even date herewith prior to filing of application
- (c) [] having an oath or declaration executed on a different date than this Assignment;

WHEREAS, <u>COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN</u>, a corporation duly organized under and pursuant to the laws of <u>France</u>, and having a principal place of business at <u>12 Cours Sablon, F-63000 Clermont-Ferrand, FRANCE</u>, and <u>MICHELIN RECHERCHE ET TECHNIQUE</u>, <u>S.A.</u>, a corporation duly organized under and pursuant to the laws of <u>Switzerland</u>, and having a principal place of business at <u>Route Louis Braille 10. CH-1763</u>, <u>Granges-Paccot. SWITZERLAND</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said Inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon, as well as any rights to sue for past infringement,

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, their successors, legal representatives, and assigns the entire right, title, and Interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and

PATENT REEL: 046597 FRAME: 0941

behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, their successors, legal representatives, and assign that the Assignors will, whenever counsel of the Assignee, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference, ex parte reexamination, post grant opposition (if applicable), and inter partes review proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, their successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Dickinson Wright PLLC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, their successors, legal representatives, and assigns.

DATE: June 9, 2016	Matthleu BONNAMOUR
DATE:	
DATE:	Benoit DURAND-GASSELIN
	Serge LEFEBVRE
DATE:	Mathieu VANDAELE
DATE:	Kazutaka YOKOKAWA

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DATE:	June 9,2016	Benoit DURAND-GASSELIN
DATE:	June 9, 2016	Serge LEFEBVRE
DATE:		Mathieu VANDAELE
DATE: .		Kazutaka YOKOKAWA

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DATE:		
		Matthleu BONNAMOUR
DATE:		
_,,,,	***************************************	Benoit DURAND-GASSELIN
DATE:		Serge LEFEBVRE
DATE:	June 9, 2016	Janus
	V	Mathleu VANDAELE
DATE:		
		Kazutaka YOKOKAWA

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DATE:	Matthieu BONNAMOUR
DATE:	Benoit DURAND-GASSELIN
DATE:	Serge LEFEBVRE
DATE:	Mathieu VANDAELE
DATE: June 9, 2016	Kazutaka VOKOKAMA

PATENT REEL: 046597 FRAME: 0945

DATE: June 9,2016

Masayoshi NOMURA

PATENT REEL: 046597 FRAME: 0946

RECORDED: 08/09/2018