505295971 01/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTHON GUEUGNEAU	12/18/2018
KHOTCHAKORN PENGSALOONG	12/18/2018
GAEL ROTY	12/10/2018
XAVIER MARDUEL	12/10/2018

RECEIVING PARTY DATA

Name:	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	
Street Address:	12 COURS SABLON	
City:	CLERMONT-FERRAND	
State/Country:	FRANCE	
Postal Code:	63000	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16305520

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 WEST BIG BEAVER ROAD

Address Line 2: SUITE 300

Address Line 4: TROY, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	338180-1466
NAME OF SUBMITTER:	STEVEN C. HURLES
SIGNATURE:	/Steven C. Hurles/
DATE SIGNED:	01/25/2019

Total Attachments: 5

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PATENT 505295971 REEL: 048134 FRAME: 0257

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PATENT REEL: 048134 FRAME: 0258

ASSIGNMENT

THIS ASSIGNMENT, by (1) Anthony GUEUGNEAU and (2) Khotchakorn PENGSALOONG and (3) Gael ROTY and (4) Xavier MARDUEL residing at c/o Nihon Michelin Tire Co., Ltd., Shinjuku Park Tower 13F, 3-7-1. Nishishinjuku, Shinjuku-ku, Tokyo 1631073 Japan, and (hereinafter referred to as "the Assignors"), respectively witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in

MOLDING ELEMENT FOR MANUFACTURING A NOISE REDUCING TREAD

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

(1.)	[X]	Non-provisional application		
	(a)	[X]	bearing Application No. 16/305,520 and filed on November 29, 2018;	
	(b)	[]	having an oath or declaration executed on even date herewith prior to filing of application	
and	(c)	\mathbf{H}	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 piece of business at 12 Cours Sablon, F-63000 Clermont-Ferrand, FRANCE, (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 sells, assigns, transfers, and sets over, unto the Assignee, it's 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 behalf and the use and behalf of it's 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, it's successors, legal representatives, and assign, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owner 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, it's successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of it's successors, legal representatives, and assign, shall advise that

PATENT #6 REEL: 048134 FRAME: 0259

Attorney No.: 338180-01466 U.S. Application No.: 16/305,520 ASSIGNMENT Page 2 of 2

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, it's successors, legal representatives, and assigns, but at the cost and expense of the Assignee, it 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 behalf of the Assignee, it's successors, legal representatives, and assigns.

DATE: 18 dec. 2018	
	Anthony GUEUGNEAU
DATE:	
	Khotchakorn PENGSALOONG
DATE:	
	Gael ROTY
DATE:	
DA3E,	Xavier MARDUEL

Attomey No.: 338180-01466 U.S. Application No.: 16/305.520 ASSIGNMENT Page 2 of 2

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, it's successors, legal representatives, and assigns, but at the cost and expense of the Assignee, it successors, legal representatives, and assigns.

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DATE:	
	Anthony GUEUGNEAU
DATE: 2018-12-18	Hildwales P.
	Khotchakom PENGSALOONG
DATE	
DATE:	Gael ROTY
DATE.	
DATE:	Xavier MARDUEL

Attorney No.: 338189-01466 U.S. Application No.: 16/305,520 ASSIGNMENT Page 2 of 2

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, it's successors, legal representatives, and assigns, but at the cost and expense of the Assignee, it successors, legal representatives, and assigns;

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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 behalf of the Assignee, it's successors, legal representatives, and assigns.

DATE:	
	Anthony GUEUGNEAU
D. LAPPE.	
DATE:	Khotchakorn PENGSALOONG
DATE: 2018 Dec 10th	Gael ROTY Gael ROTY
	Gael ROTY [©]
DATE:	
	Xavier MARDUEL

PATENT REEL: 048134 FRAME: 0262

Asomey No. 338180-01496 U.S. Application No. 193905-520 ASSIGNMENT Page 2 of 2

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 least, if 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 of papers and documents, take all lawful caths, 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 Assigned, it's successors, legal representatives, and assigns, but at the cost and expense of the Assignee in successors, legal representatives, and assigns,

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DATE	
	Anthony GUEUGNEAU
DATE	
	Khotchakom PENGSALCONG
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CASE.	Gael ROTY
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PATENT