

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2731376

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>OLIVIER MUHLHOFF</td> <td>02/03/2014</td> </tr> <tr> <td>EMMANUEL IGIER</td> <td>02/03/2014</td> </tr> <tr> <td>JEAN-CLAUDE FAURE</td> <td>02/03/2014</td> </tr> </tbody> </table>		Name	Execution Date	OLIVIER MUHLHOFF	02/03/2014	EMMANUEL IGIER	02/03/2014	JEAN-CLAUDE FAURE	02/03/2014		
Name	Execution Date										
OLIVIER MUHLHOFF	02/03/2014										
EMMANUEL IGIER	02/03/2014										
JEAN-CLAUDE FAURE	02/03/2014										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN</td> </tr> <tr> <td>Street Address:</td> <td>12 COURS SABLON</td> </tr> <tr> <td>City:</td> <td>CLERMONT-FERRAND</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-63000</td> </tr> </table>		Name:	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	Street Address:	12 COURS SABLON	City:	CLERMONT-FERRAND	State/Country:	FRANCE	Postal Code:	F-63000
Name:	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN										
Street Address:	12 COURS SABLON										
City:	CLERMONT-FERRAND										
State/Country:	FRANCE										
Postal Code:	F-63000										
<table border="1"> <tr> <td>Name:</td> <td>MICHELIN RECHERCHE ET TECHNIQUE S.A.</td> </tr> <tr> <td>Street Address:</td> <td>ROUTE LOUIS BRAILLE 10</td> </tr> <tr> <td>City:</td> <td>GRANGES-PACCOT</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>CH-1763</td> </tr> </table>		Name:	MICHELIN RECHERCHE ET TECHNIQUE S.A.	Street Address:	ROUTE LOUIS BRAILLE 10	City:	GRANGES-PACCOT	State/Country:	SWITZERLAND	Postal Code:	CH-1763
Name:	MICHELIN RECHERCHE ET TECHNIQUE S.A.										
Street Address:	ROUTE LOUIS BRAILLE 10										
City:	GRANGES-PACCOT										
State/Country:	SWITZERLAND										
Postal Code:	CH-1763										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14129033</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14129033						
Property Type	Number										
Application Number:	14129033										
CORRESPONDENCE DATA											
Fax Number:	(202)659-1559										
Phone:	202-457-0160										
Email:	dcpatents@dickinsonwright.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	DICKINSON WRIGHT PLLC										
Address Line 1:	1875 EYE STREET, NW										
Address Line 2:	SUITE 1200										

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006	
ATTORNEY DOCKET NUMBER:	338180-01028
NAME OF SUBMITTER:	BRUCE D. GRAY
Signature:	/Bruce D. Gray/
Date:	02/18/2014
Total Attachments: 2 source=338180-01028 - executed ASSIGNMENT#page1.tif source=338180-01028 - executed ASSIGNMENT#page2.tif	

## ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by (1) Olivier MUHLHOFF, (2) Emmanuel IGIER, and (3) Jean-Claude FAURE, residing at (1) Manufacture Française des Pneumatiques Michelin, See DGD/PI - F35-Ladoux, 23 place des Carmes-Déchaux, 63040 Clermont-Ferrand - Cedex 9, FRANCE, (2) Manufacture Française des Pneumatiques Michelin, See DGD/PI - F35-Ladoux, 23 place des Carmes-Déchaux, 63040 Clermont-Ferrand - Cedex 9, FRANCE, and (3) Manufacture Française des Pneumatiques Michelin, See DGD/PI - F35-Ladoux, 23 place des Carmes-Déchaux, 63040 Clermont-Ferrand - Cedex 9, FRANCE, (hereinafter referred to as "the Assignors"), respectively witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in TIRE WITH IMPROVED TREAD set forth in an application for Letters Patent of the United States, which is a

- (1.) ☐ Provisional application  
(a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;  
(b) ☐ to be filed herewith; or
- (2.) ☒ Non-provisional application  
(a) ☒ bearing Application No. 14/129,033, and filed on 23 December 2013;  
(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;
- and

WHEREAS, COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, a corporation duly organized under and pursuant to the laws of France, and having a principal place of business at 12 cours Sablon, F-63000 Clermont-Ferrand, FRANCE, and MICHELIN RECHERCHE ET TECHNIQUE S.A., a corporation duly organized under and pursuant to the laws of Switzerland, and having a principal place of business at Route Louis Braille 10, CH-1763, Granges-Paccot, SWITZERLAND, respectively (hereinafter referred to as "the Assignee(s)"), are 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(s), 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(s), for its own use and 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(s), 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(s), their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee(s), 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(s), their successors, legal representatives, and assigns, but at the cost and expense of the Assignee(s), their successors, legal representatives, and assigns;

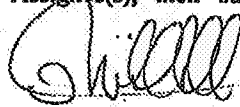
AND the Assignors hereby authorize and request the attorneys of Dickinson Wright PLLC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

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

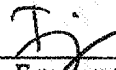
DATE: February 03, 2014

DATE: February 03, 2014

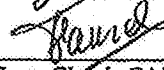
DATE: February 03, 2014



Olivier MUHLHOFF



Emmanuel IGIER



Jean-Claude FAURE