

## PATENT ASSIGNMENT

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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>William David Mawby</td> <td>09/28/2012</td> </tr> <tr> <td>Jonathan Sauls</td> <td>09/28/2012</td> </tr> <tr> <td>James Michael Traylor</td> <td>09/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	William David Mawby	09/28/2012	Jonathan Sauls	09/28/2012	James Michael Traylor	09/28/2012		
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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>Clermon-Ferrand</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>63000</td> </tr> </table>		Name:	Compagnie Generale Des Etablissements Michelin	Street Address:	12 Cours Sablon	City:	Clermon-Ferrand	State/Country:	FRANCE	Postal Code:	63000
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PCT Number:	US1257864										
CORRESPONDENCE DATA											
Fax Number:	8642337342										
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ATTORNEY DOCKET NUMBER:	MIC-461-PCT
NAME OF SUBMITTER:	J. Parks Workman
Total Attachments: 2 source=MIC461PCTASSIGNMENT#page1.tif source=MIC461PCTASSIGNMENT#page2.tif	

## ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the Rights, Title and Interest in an Invention entitled:

## IMPROVEMENT OF THE UNIFORMITY OF A TIRE USING TOOLING SIGNATURE ANALYSIS

(hereinafter referred to as the "Invention") for which either a United States Patent Application or an International (PCT) Patent Application was filed in the United States (hereinafter referred to as the "Patent Application") and for which the inventor(s) listed below hereby authorize and request that an attorney representing Michelin North America, Inc., Intellectual Property Department, Greenville, South Carolina, insert here in parentheses (application number PCT/US 12/57864, filed 9/28/12) the filing date and application number of the Patent Application when known.

## INVENTOR(S):

NAME	ADDRESS
William David MAWBY	c/o Michelin North America IP Law Group 515 Michelin Road, Building 31 Greenville, South Carolina 29605, United States of America
Jonathan SAULS	c/o Michelin North America IP Law Group 515 Michelin Road, Building 31 Greenville, South Carolina 29605, United States of America
James Michael TRAYLOR	c/o Michelin North America IP Law Group 515 Michelin Road, Building 31 Greenville, South Carolina 29605, United States of America

## ASSIGNEES: IN JOINT OWNERSHIP

NAME	ADDRESS	COUNTRIES FOR WHICH ASSIGNMENTS BY INVENTORS OF ALL RIGHTS, TITLE AND INTEREST ARE MADE
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	12 Cours Sablon 63000 CLERMONT-FERRAND France	All Countries
MICHELIN RECHERCHE et TECHNIQUE S.A.	Route Louis Braille 10 1763 CHANGBS-PACCOT Switzerland	All Countries

WHEREAS, I, the above-identified inventor(s), have invented certain new and useful improvements in the invention identified above and described in the above-identified Patent Application; and

WHEREAS, I desire to assign all my rights title and interest in the invention and in the Patent Application to the above-identified Assignees;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged;

1. I hereby assign and transfer all of my rights, title and interest in and to the invention and the Patent Application as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto the Assignees in conformance with the designation made above of the countries for which this assignment of all my rights, title and interest is made.

2. I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of the Patent Application and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for the invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

3. I hereby warrant and represent that I have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, I have executed and delivered this instrument to the Assignees on the dates indicated below.

1) *William David MAWBY* Date 5/28/12  
 William David MAWBY

2) *Jonathan SAULS* Date 9/28/12  
 Jonathan SAULS

3) *James Michael TRAYLOR* Date 9/28/12  
 James Michael TRAYLOR