

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Steve M Cron</td> <td>04/10/2012</td> </tr> <tr> <td>Timothy Brett Rhyne</td> <td>04/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steve M Cron	04/10/2012	Timothy Brett Rhyne	04/17/2012				
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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>CLERMONT-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:	CLERMONT-FERRAND	State/Country:	FRANCE	Postal Code:	63000
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<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>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:	1763
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US1335064</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1335064						
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PCT Number:	US1335064										
CORRESPONDENCE DATA											
Fax Number:	8644223517										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	sharon.zambrano@us.michelin.com										
Correspondent Name:	Michelin North America, Inc.										
Address Line 1:	515 Michelin Road										
Address Line 2:	Intellectual Property										
Address Line 4:	Greenville, SOUTH CAROLINA 29605										
ATTORNEY DOCKET NUMBER:	P50-0451-WO-PCT										

PATENT

NAME OF SUBMITTER:	sharon zambrano
Signature:	/sjz/
Date:	04/03/2013
Total Attachments: 2 source=P50-0451-WO-PCT-assignment#page1.tif source=P50-0451-WO-PCT-assignment#page2.tif	

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

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

SPOKE FOR A TIRE WITH OPTIMIZED THICKNESS FOR IMPROVED DURABILITY

(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 61/620687, filed 05 APR 2012) application number and the filing date of the Patent Application when known.

INVENTOR(S):

NAME	ADDRESS
Steven M. Cron	525 McKinney Road, Simpsonville, SC 29681 US Simpsonville, SC United States of America
Timothy Brett Rhyne	114 Dellwood Drive, Greenville, SC 29609 US Greenville, SC 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 GRANGES-PACCOT Switzerland	All Countries

WHEREAS, we, 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, we desire to assign all our 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. We hereby assign and transfer all of our 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 our rights, title and interest is made.

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

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

1)  Date 4/10/2012
Steven M. Cron

2)  Date 4/17/2012
Timothy Brett Rhyne