

## 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>E. Bruce Colby</td> <td>01/30/2012</td> </tr> <tr> <td>Dimitri G. Tsihlas</td> <td>01/31/2012</td> </tr> <tr> <td>Cesar E. Zarak</td> <td>01/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	E. Bruce Colby	01/30/2012	Dimitri G. Tsihlas	01/31/2012	Cesar E. Zarak	01/30/2012		
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RECEIVING PARTY DATA											
<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
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<table border="1"> <tr> <td>Name:</td> <td>Societe de Technologie Michelin</td> </tr> <tr> <td>Street Address:</td> <td>23 rue Breschet</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>FR-63000</td> </tr> </table>		Name:	Societe de Technologie Michelin	Street Address:	23 rue Breschet	City:	Clermont-Ferrand	State/Country:	FRANCE	Postal Code:	FR-63000
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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>US1223412</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1223412						
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PCT Number:	US1223412										
CORRESPONDENCE DATA											
Fax Number:	2162412824										
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P50-0440-WO-PCT (309)

NAME OF SUBMITTER:

Bret A. Hrivnak

Total Attachments: 4

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**ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION**

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

**PROJECTING FEATURES MOLDED WITHIN SUBMERGED TREAD VOIDS**

(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/US2012/023412, filed 31 January 2012) the filing date and application number of the Patent Application when known.

**INVENTOR(S):**

NAME	ADDRESS
E. Bruce Colby	228 Hardwood Road Greenville, SC 29607
Dimitri G. Tsihlis	12 Hoptree Drive Greer, SC 29650
Cesar E. Zarak	200 Netherland Lane Simpsonville, SC 29681

**ASSIGNEES: IN JOINT OWNERSHIP**

NAME	ADDRESS	COUNTRIES FOR WHICH ASSIGNMENTS BY INVENTORS OF ALL RIGHTS, TITLE AND INTEREST ARE MADE
Michelin Recherche et Technique S.A.	Route Louis Braille 10 CH 1763, Granges-Paccot Switzerland	All Countries
Société de Technologie Michelin	23 rue Breschet FR-63000, Clermont-Ferrand France	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;

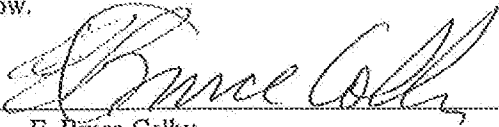
1. We hereby assign and transfer all of our rights, title and interest in and to the Invention and the Patent Application as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign 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 <u>1-30-12</u>
	E. Bruce Colby	
2)	_____	Date _____
	Dimitri G. Tsihlias	
3)	_____	Date _____
	Cesar E. Zarak	

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