

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3019778

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RALF MRUK	12/05/2011
FRANK SCHMITZ	12/05/2011
ROBERT FOKKO ROSKAMP	12/05/2011
ALEXANDRA HERMANN	12/12/2011
RUDOLF WILHELM ZENTEL	12/12/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOODYEAR TIRE & RUBBER COMPANY, THE
<b>Street Address:</b>	200 INNOVATION WAY
<b>City:</b>	AKRON
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44316
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13332934
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(330)796-9018
<i>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.</i>	
<b>Phone:</b>	330 796 4787
<b>Email:</b>	patents@goodyear.com
<b>Correspondent Name:</b>	THE GOODYEAR TIRE & RUBBER COMPANY
<b>Address Line 1:</b>	200 INNOVATION WAY
<b>Address Line 4:</b>	AKRON, OHIO 44316-0001
<b>ATTORNEY DOCKET NUMBER:</b>	DN2011-181
<b>NAME OF SUBMITTER:</b>	JOHN D. DELONG
<b>SIGNATURE:</b>	/John D. DeLong/
<b>DATE SIGNED:</b>	09/12/2014
<b>Total Attachments: 2</b>	
source=11-181Assignment#page1.tif	
source=11-181Assignment#page2.tif	

Docket No.: DN2011181  
Serial No.: 13/332,934  
Filed: December 21, 2011

### ASSIGNMENT

WHEREAS, WE, **Ralf Mruk**, of 8, Géciewce, L-9164 Lipperscheid, Grand Duchy of Luxembourg; **Frank Schmitz**, of 12 An der Uecht, L-7782 Bissen, Luxembourg; **Robert Fokko Roskamp**, of Bonner-Straße 74, 54294 Trier, Germany; **Alexandra Hermann**, of Walpodenstrasse 19, 55116 Mainz, Germany; **Rudolf Wilhelm Zentel**, of Rossbergstr. 31, D-55283 Nierstein, Germany, respectively, have invented certain improvements in **FUNCTIONALIZED ELASTOMER**, and described in a patent application executed the 5 day of December, 2011, by the undersigned for filing in The United States of America, being owners of all right, title and interest in and to said application and in and to any invention described therein and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, THE GOODYEAR TIRE & RUBBER COMPANY, of Akron, Ohio 44316, a corporation of the State of Ohio (assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth:

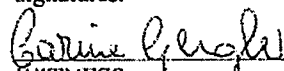
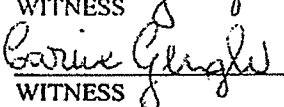
NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned further agree to execute all divisional, continuing, substitute, improvement, extension, reissue and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to myself (ourselves), which the assignee may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

- (1) Prompt execution of all lawful oaths, affidavits and/or supplemental oaths required or deemed advisable by the assignee to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;
- (2) To cooperate to the best of our ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification or infringement proceedings involving the said invention or improvement, applications or patents or any of them.

The undersigned hereby authorize said assignee to insert in this Assignment the serial number and filing date of the above-identified application when known.

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals on the dates set after their signatures.

 (U.S.) Ralf Mruk, 05-Dec-, 2011  
WITNESS  
 (U.S.) Frank Schmitz, 12/5/, 2011  
WITNESS  
Frank Schmitz

\_\_\_\_\_  
WITNESS (L.S.) Robert Fokko Roskamp , 05-Dez- , 2011  
Robert Fokko Roskamp

Lu. Kluge  
WITNESS (L.S.) Alexandra Hermann , 12.12. 2011  
Alexandra Hermann

Lu. Kluge  
WITNESS (L.S.) Rudolf Zentel , 12.12. 2011  
Rudolf Wilhelm Zentel