PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Helmut Wolfgang Fehl | 11/12/2012 |
| Saburo Miyabe | 11/12/2012 |
| Wolfgang Karl Maegerle | 11/12/2012 |
| Bernd Richard Loewenhaupt | 11/12/2012 |
| Hartono Edy | 11/12/2012 |
| Thomas Gunther Bohner | 11/12/2012 |

RECEIVING PARTY DATA

| Name: | Goodyear Tire & Rubber Company, The |
|-------------------|-------------------------------------|
| Street Address: | 1144 East Market Street |
| Internal Address: | Intellectual Property Law |
| City: | Akron |
| State/Country: | ОНЮ |
| Postal Code: | 44316-0001 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29436455 |

CORRESPONDENCE DATA

502232251

Fax Number: 3307969018

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 330-796-5222

Email: patents@goodyear.com

Correspondent Name: The Goodyear Tire & Rubber Company

Address Line 1: 1144 East Market Street Address Line 2: Intellectual Property Law Akron, OHIO 44316-0001 Address Line 4:

ATTORNEY DOCKET NUMBER: DN2012079

> **PATENT REEL: 029817 FRAME: 0340**

| NAME OF SUBMITTER: | Richard B. O'Planick |
|--|----------------------|
| Total Attachments: 2 source=assignment12079#page1.tif source=assignment12079#page2.tif | |

PATENT REEL: 029817 FRAME: 0341

| Docket No.: | DN2012079 |
|-------------|------------------|
| Serial No.: | 29/436,455 |
| Filed: | November 6, 2012 |

ASSIGNMENT

| WHEREAS, WE, Helmut Wolfgang Fehl, of Frankfurter Strasse 17, D-36381 Schluechtern, Germany; Saburo |
|--|
| Miyabe, of Marienhuettenstrasse 68, D-63457 Grossauheim, Germany, Wolfgang Karl Maegerle, of Dammstrasse 14, |
| D-63526 Erlensee, Germany; Bernd Richard Loewenhaupt, of Im Niederfeld 21, D-68649 Groß-Rohrheim, Germany; |
| Hartono Edy, of Konstanzer Straße, D-63457 Hanau, Germany; and Thomas Günther Böhner, of Laubestraβe 21, |
| D-60594 Frankfurt am Main, Germany, respectively, have invented certain improvements in TIRE, and described in a |
| patent application executed the 12th day of November , 2012, 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 assigne, 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.

WITNESS (L.S.) Helant Wolfgang Fell , 11.07 ,2012

PATENT REEL: 029817 FRAME: 0342

| | | Docket No.: DN20 |)12079 |
|---------------------------|--|------------------|---------------|
| Gobriela Mumme WITNESS | (L.S.) Saburo Hinghe Saburo Miyabe | Not 7 | , 2012 |
| Gabriela Mumme WITNESS | (L.S.) Wolfgang Karl Maegerte Kourl Ma | eperle | <u>, 2012</u> |
| WITNESS | (L.S.) Bernd Richard Loewenhaupt | Nor. 6 | , 2012 |
| Edviela Muinna WITNESS | (L.S.) Hartono Edy | Nov 12 | , 2012 |
| m1 (1. | (L.S.) Thomas Gunther Böhner Thomas Ginther Röhner | , Nov. 7 | , 2012 |