## 504265087 03/09/2017

# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name                  | Execution Date |
|-----------------------|----------------|
| WENDELIN JAN STARK    | 02/27/2017     |
| ROBERT NIKOLAUS GRASS | 02/27/2017     |
| MILAN FEDURCO         | 02/27/2017     |
| ANTONIO DELFINO       | 02/27/2017     |
| JEAN-PAUL MERALDI     | 02/27/2017     |

#### RECEIVING PARTY DATA

| Name:                    | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN |
|--------------------------|--|
| Street Address:          | 12 COURS SABLON                                |
| City:                    | CLERMONT-FERRAND                               |
| State/Country:           | FRANCE   |
| Postal Code:             | 63000  |
| Name:                    | MICHELIN RECHERCHE ET TECHNIQUE S.A.           |
|                          | · ·  |
| Street Address:          | ROUTE LOUIS BRAILLE 10                         |
| Street Address:<br>City: |  |
|                          | ROUTE LOUIS BRAILLE 10                         |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15319545 |

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 03161.003334.

PATENT REEL: 041530 FRAME: 0159

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| NAME OF SUBMITTER:          | ELIZABETH F. HOLOWACZ   |  |
|-----------------------------|-------------------------|--|
| SIGNATURE:                  | /Elizabeth F. Holowacz/ |  |
| DATE SIGNED:                | 03/08/2017              |  |
| Total Attachments: 4        |                         |  |
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PATENT REEL: 041530 FRAME: 0160

Attorney Docket No: 03161.003334.
PATENT

#### ASSIGNMENT

WHEREAS, WE, whose names and addresses are listed in the following table:

| Name                  | Address   |
|-----------------------|---|
| WENDELIN JAN STARK    | Alpweg 28, CH-4900                              |
|                       | Langenthal, Switzerland                         |
| ROBERT NIKOLAUS GRASS | Berninastrasse 18                               |
|                       | CH-8507   |
|                       | Zurich, Switzerland                             |
| MILAN FEDURCO         | Manufacture Française des Pneumatiques Michelin |
|                       | DGD/PI – F35 – Ladoux                           |
|                       | 63040 Clermont-Ferrand Cedex 9, France          |
| ANTONIO DELFINO       | Manufacture Française des Pneumatiques Michelin |
|                       | DGD/PI – F35 – Ladoux                           |
|                       | 63040 Clermont-Ferrand Cedex 9, France          |
| JEAN-PAUL MERALDI     | Gildenstrasse 53                                |
|                       | CH-8049   |
|                       | Zurich, Switzerland                             |

have made an invention entitled SURFACE GRAPHENIZATION OF METALLIC OR METALLIZED REINFORCEMENT BY FLAME SPRAY PYROLYSIS, as set forth and described in an application for Letters Patent of the United States of America filed on December 16, 2016, and accorded U.S. Application No. 15/319,545, which is a national-stage entry of Patent Cooperation Treaty ("PCT") International Application No. PCT/EP2015/061166 filed on May 20, 2015, and also claims priority of French Application No. 1455568 filed on June 18, 2014;

WHEREAS, COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, a corporation organized and existing under the laws of France, and having an office for the transaction of business at 12 Cours Sablon, 63000 Clermont-Ferrand, France, is desirous of acquiring an undivided interest in the rights and title in and to said invention and any improvements thereon, and in and to said application for Letters Patent therefor, and any Letters Patent which may be obtained therefore;

WHEREAS, MICHELIN RECHERCHE ET TECHNIQUE S.A., a corporation organized and existing under the laws of Switzerland, and having an office for the transaction of business at Route Louis Braille 10, 1763 Granges-Paccot, Switzerland, is desirous of acquiring an undivided interest in the rights and title in and to said invention and any improvements thereon, and in and to said application for Letters Patent therefor, and any Letters Patent which may be obtained therefore;

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, WENDELIN JAN STARK, ROBERT NIKOLAUS GRASS, MILAN FEDURCO, ANTONIO DELFINO and JEAN-PAUL MERALDI, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States of America, to us in hand paid by said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., and other valuable considerations unto us moving from said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto each of said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., their respective successors and assigns, an undivided interest in the rights and title in and to said invention entitled SURFACE GRAPHENIZATION OF METALLIC OR METALLIZED REINFORCEMENT BY FLAME SPRAY PYROLYSIS, as set forth and described in said application for Letters Patent filed on December 16, 2016, as U.S. Application No. 15/319,545, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, WENDELIN JAN STARK, ROBERT NIKOLAUS GRASS, MILAN FEDURCO, ANTONIO DELFINO and JEAN-PAUL MERALDI, do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., each as assignees of an undivided interest in the rights and title in and to the same, for the sole use and benefit of said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., their respective successors and assigns;

AND WE, WENDELIN JAN STARK, ROBERT NIKOLAUS GRASS, MILAN FEDURCO, ANTONIO DELFINO and JEAN-PAUL MERALDI, for the considerations aforesaid, do hereby covenant and agree to and with said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., their respective successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors, or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for each of said COMPAGNIE GENERALE DES ETABLISSEMENTS

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MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., their respective successors and assigns, may be required or necessary more effectively to secure to and vest in each of said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN and MICHELIN RECHERCHE ET TECHNIQUE S.A., their respective successors and assigns, an undivided interest in the rights and title in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owners of the patent or patents which may be issued for said invention or improvements.

IN WITNESS WHEREOF, WE, WENDELIN JAN STARK, ROBERT NIKOLAUS GRASS, MILAN FEDURCO, ANTONIO DELFINO and JEAN-PAUL MERALDI, have set our hands and seals on the date(s) written below.

|      | Subscribed and executed at                   | Unid, Shike land                              |
|------|--|---|
| on _ | 27 7ch. 2017<br>(Date)                       | (Place)  Weedle Jee Sterk  WENDELIN JAN STARK |
|      | Subscribed and executed at _                 | Eurich Suitredad                              |
| on _ | 27 Feh. 2017<br>(Date)                       | (Place)                                       |
|      |  | ROBERT NIKOLAUS GRASS                         |
| on _ | Subscribed and executed at _<br>27 Feb. 2017 | (Place)                                       |
|      | (Date)                                       | M. Fedurco                                    |
|      |  | MILLANTIDORCO                                 |

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| Subscribed and executed at      |                     |
|---------------------------------|---------------------|
| on <u>27-Fuh 2017</u><br>(Date) | (Place)             |
|                                 | ANTONIO DELFINO     |
| Subscribed and executed at      |                     |
| on 27 Feld. 2017-               | (Place)             |
| (Date)                          | J. P. Heralde       |
|                                 | (/JEAN-PAUL MERALDI |

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