

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4972056

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANNE-LISE THUILLIEZ	04/27/2018
ODILE GAVARD-LONCHAY	04/27/2018
CEDRIC LOUBAT	04/27/2018
GILLES BOUTEVIN	04/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
<b>Street Address:</b>	12 COURS SABLON
<b>City:</b>	CLERMONT-FERRAND
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	63000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15762733
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	03161.900890.
<b>NAME OF SUBMITTER:</b>	ELIZABETH F. HOLOWACZ
<b>SIGNATURE:</b>	/Elizabeth F. Holowacz/
<b>DATE SIGNED:</b>	05/22/2018
<b>Total Attachments: 3</b>	
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ASSIGNMENT

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

Name	Address
ANNE-LISE THUILLIEZ	Manufacture Française des Pneumatiques Michelin 23, Place des Carmes-Déchaux, DGD/PI – F35 – Ladoux 63040 Clermont-Ferrand CEDEX 9, France
ODILE GAVARD-LONCHAY	Manufacture Française des Pneumatiques Michelin 23, Place des Carmes-Déchaux, DGD/PI – F35 – Ladoux 63040 Clermont-Ferrand CEDEX 9, France
CÉDRIC LOUBAT	Société Specific Polymers 150 Avenue des Cocardières 34160 Castries, France
GILLES BOUTEVIN	Société Specific Polymers 150 Avenue des Cocardières 34160 Castries, France

have made an invention entitled USE OF A SILYLATED AROMATIC POLYPHENOL DERIVATIVE FOR THE PRODUCTION OF A PHENOL-ALDEHYDE RESIN FOR REINFORCEMENT OF A RUBBER COMPOSITION, as set forth and described in an application for Letters Patent of the United States of America filed on March 23, 2018, and accorded U.S. Application No. 15/762,733, which is a national-stage entry of Patent Cooperation Treaty (“PCT”) International Application No. PCT/EP2016/072653 filed on September 23, 2016, and also claims priority of French Application Nos. 1559073 and 1559070, both filed on September 25, 2015;

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;

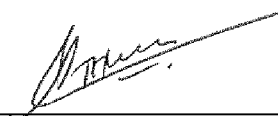
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, ANNE-LISE THUILLIEZ, ODILE GAVARD-LONCHAY, CÉDRIC LOUBAT, and GILLES BOUTEVIN, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States of America, to us in hand paid by said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, and other valuable considerations unto us moving from said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, at or before the ensencalng 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 said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, its respective successors and assigns, an undivided interest in the rights and title in and to said invention entitled USE OF A SILYLATED AROMATIC POLYPHENOL DERIVATIVE FOR THE PRODUCTION OF A

PHENOL-ALDEHYDE RESIN FOR REINFORCEMENT OF A RUBBER COMPOSITION, as set forth and described in said application for Letters Patent filed on March 23, 2018, as U.S. Application No. 15/762,733, 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, ANNE-LISE THUILLIEZ, ODILE GAVARD-LONCHAY, CÉDRIC LOUBAT, and GILLES BOUTEVIN, 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, as assignee 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, its respective successors and assigns;

AND WE, ANNE-LISE THUILLIEZ, ODILE GAVARD-LONCHAY, CÉDRIC LOUBAT, and GILLES BOUTEVIN, for the considerations aforesaid, do hereby covenant and agree to and with said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, its 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 said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, its respective successors and assigns, may be required or necessary more effectively to secure to and vest in said COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, its 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, ANNE-LISE THUILLIEZ, ODILE GAVARD-LONCHAY, CÉDRIC LOUBAT, and GILLES BOUTEVIN, have set our hands and seals on the date(s) written below.

Subscribed and executed at Clement-Ferrand  
(Place)  
on 27 April 2018  
(Date)  
  
ANNE-LISE THUILLIEZ

Subscribed and executed at Clermont-Ferrand  
(Place)  
on 27 April 2018  
(Date)

  
ODILE GAVARD-LONCHAY

Subscribed and executed at Clermont - Ferrand  
(Place)  
on 27 April 2018  
(Date)

  
CÉDRIC LOUBAT

Subscribed and executed at Clermont - Ferrand  
(Place)  
on 27 April 2018  
(Date)

  
GILLES BOUTEVIN