505545479 06/26/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAFFAELE DI RONZA	06/06/2019
LUDOVICA CALLIANO	06/23/2019
CLAUDIA AURISICCHIO	06/06/2019

RECEIVING PARTY DATA

Name:	BRIDGESTONE CORPORATION
Street Address:	1-1, KYOBASHI 3-CHOME
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	104-8340

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16463090		

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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SUGHRUE MION PLLC **Correspondent Name:**

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ATTORNEY DOCKET NUMBER: Q246434 (JTC) **NAME OF SUBMITTER: ELAINE BARTON** SIGNATURE: /Elaine C. Barton/ **DATE SIGNED:** 06/26/2019

Total Attachments: 2

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PATENT REEL: 049596 FRAME: 0474 505545479

Docket No.:

O246434

Only After Sept 16, 2012

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, BRIDGESTONE CORPORATION of 1-1, Kyobashi 3-chome, Chuo-ku, Tokyo, 104-8340, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

As the below named inventor, I here	by de	clare that:
This assignment with declaration is directed to:		The attached application, or
an ecica w.	团	United States Application or PCT International Application Number <u>PCT/EP2017/080375</u> filed on <u>November 24, 2017</u> .
The application is ontitled:		

HIGH RIGIDITY COMPOUND FOR PNEUMATIC TYRES COMPRISING FUNCTIONALIZED LIGNIN

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application,

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

NAME OF SOLE OR FIRST INVENTOR:								
Given Name (first and middle [if any])	Raffacle	Family Name or Surna	sme DIRONZA					
Inventor's signature	Pd Ponta		Date 6/6/2019					
Residence: Roma, Italy	·····							
Mailing Address: c/o Bridgestone Europe NV/SA - Italian Branch Via del Fosso del Salceto 13/15, Roma, 00128, Italy								
NAME OF SECOND INVI	ENTOR:	***************************************						
Given Name (first and middle [if any])	Ludovica	Family Name or Suma	ume CALIANO					
Inventor's signature	Judones col e us		Date 23/06/2019					
Residence: Roma, Italy								
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NAME OF THIRD INVEN	TOR:							
Given Name (first and middle [if any])	, Claudia	Family Name or Surns	me AURISICCHIO					
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