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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID E. SCHULTZ	08/21/2018
TANYA L. MIRACLE	08/16/2018

RECEIVING PARTY DATA

Name:	ne: BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC	
Street Address:	200 4TH AVENUE SOUTH	
City:	NASHVILLE	
State/Country:	tate/Country: TENNESSEE	
Postal Code:	37201	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29660686

CORRESPONDENCE DATA

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Address Line 2: BRIDGESTONE AMERICAS, INC.

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ATTORNEY DOCKET NUMBER:	P17124US1A
NAME OF SUBMITTER:	MICHELLE R. DAVIS
SIGNATURE:	/Michelle R. Davis/
DATE SIGNED:	08/22/2018

Total Attachments: 1

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PATENT REEL: 046662 FRAME: 0518

ASSIGNMENT

We, David E. Schultz and Tanya L. Miracle, have made an invention w	which now is described a	and
claimed in an application for patent entitled TIRE, which application		

\boxtimes	is being executed an	d filed concurrently herewith.
	was filed on	and now is designated as United States Patent Application Serial No

NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of our employment agreement(s), advisor agreement(s), state or national statutes, common law, and administrative regulation, we hereby do make the following assignments –

To BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at $200~4^{TH}$ Avenue South, Nashville, Tennessee 37201, and its successors and assigns, we hereby

- > assign, transfer, and set over the full and exclusive right to the above-described invention and to the above-described application for letters patent of the United States as well as any substitute, non-provisional, continuation, continuation-in-part, or divisional application filed thereon and to any letters patent of the United States that issues from such application(s) as well as any reissue application or request for reexamination filed on such letters patent;
- > covenant and agree for ourselves and our legal representative(s) to
 - a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of said application for patent, in any interference declared on said application for patent or patent issuing therefrom, or in litigation which arises out of or is based on said application for patent or patent issuing therefrom, and
 - b) execute all papers related to said application for patent which said assignee or its designee(s) request to be signed, provided that expenses relating thereto shall be borne by said assignee; and
- > authorize and request the Commissioner of Patents and Trademarks to issue any letters patent of the United States relating to the above-described invention in the name of said assignee.

To BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at 200 4TH Avenue South, Nashville, Tennessee 37201, and its successors and assigns, we hereby

- > assign, transfer, and set over the full and exclusive right to any application for letters patent filed in any regional or national patent office other than the United States Patent and Trademark Office;
- > covenant and agree for ourselves and our legal representative(s) to
 - a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of any such applications for patent or in litigation which arises out of or is based on said application(s) for patent or patent(s) issuing therefrom, and
 - b) execute all papers related to said application(s) for patent which said assignee or its designee(s) request to be signed, <u>provided that</u> expenses relating thereto shall be borne by said assignee.

IN WITNESS WHEREOF, we have executed this document on the dates next to our respective names.

Name: David E. Schultz

Name: Tanya L. Miracle

Date:

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RECORDED: 08/22/2018