

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LALITH B. SURAGANI VENU	06/05/2019
JOSEPH J. VONTORCIK JR.	06/07/2019
GONZALO LOWENBERG	06/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUBRIZOL ADVANCED MATERIALS, INC.
<b>Street Address:</b>	9911 BRECKSVILLE RD.
<b>City:</b>	CLEVELAND
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44141-3247
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16490943
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	440-347-4200
<b>Email:</b>	patents@lubrizol.com
<b>Correspondent Name:</b>	LUBRIZOL ADVANCED MATERIALS, INC.
<b>Address Line 1:</b>	29400 LAKELAND BLVD
<b>Address Line 2:</b>	MAIL DROP 022B
<b>Address Line 4:</b>	WICKLIFFE, OHIO 44092-2298
<b>ATTORNEY DOCKET NUMBER:</b>	4521-01
<b>NAME OF SUBMITTER:</b>	DAWN A. BROWN
<b>SIGNATURE:</b>	/Dawn A. Brown/
<b>DATE SIGNED:</b>	09/04/2019
<b>Total Attachments: 4</b>	
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ASSIGNMENT

WHEREAS, I have invented certain new and useful developments or improvements in: CRYSTALLINE THERMOPLASTIC POLYURETHANE ARTICLE, which is associated with Lubrizol Docket No. 4521, the application of which

☒ was filed on February 28, 2018 as PCT International Application Number PCT/US18/020079 and claims priority benefit of 62/467,300 filed on March 6, 2017.

WHEREAS, **Lubrizol Advanced Materials, Inc.**, a Delaware corporation, having a place of business at 9911 Brecksville Road, Cleveland, OH 44141-3247

("Lubrizol") is desirous of acquiring or is entitled to the entire right, title, and interest in and to said application, and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration provided to me by Lubrizol, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned and transferred, and hereby sell, assign and transfer to Lubrizol, its successors or assigns, the entire right, title and interest worldwide, including the United States, its territories and possessions, and all countries and regions worldwide, in and to this invention, as well as in and to the above-identified application and all other applications for Letters Patent worldwide for the above-identified invention, (b) all Letters Patent which may issue from said applications worldwide, (c) all divisions, continuations, reissues, renewals and/or extensions thereof, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention, any other international agreement, and any applicable laws or regulations; such right, title, and interest to be held and enjoyed by Lubrizol, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed had this Assignment not been made. I authorize Lubrizol to insert into this Assignment the filing date and serial number of the corresponding U.S. Provisional, PCT, and/or U.S. Utility Applications when known.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to Lubrizol as the assignee of the entire right, title and interest, for the use and benefit of Lubrizol, its successors and assigns.

For the consideration stated herein, I do hereby agree that I, my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments, disclaimers, and other documents, and will communicate to Lubrizol, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in Lubrizol, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended to be.

Furthermore, I covenant and agree with Lubrizol, its successors and assigns that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

EXECUTED THIS 5<sup>th</sup> DAY OF JUNE, 2019.



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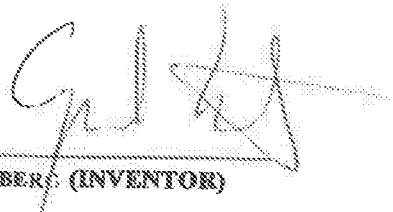
LALITH B. SURAGANI VENU (INVENTOR)

EXECUTED THIS 7 DAY OF June, 2019.



JOSEPH J. VONTORCIK, JR. (INVENTOR)

EXECUTED THIS 3 JUNE DAY OF 5 2019.

  
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GONZALO LÖWENBERG (INVENTOR)