

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mary Galic Raguz</td> <td>03/26/2013</td> </tr> <tr> <td>Virginia A. Carrick</td> <td>03/20/2013</td> </tr> <tr> <td>John K. Pudelski</td> <td>03/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mary Galic Raguz	03/26/2013	Virginia A. Carrick	03/20/2013	John K. Pudelski	03/20/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>The Lubrizol Corporation</td> </tr> <tr> <td>Street Address:</td> <td>29400 Lakeland Blvd.</td> </tr> <tr> <td>City:</td> <td>Wickliffe</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>44092-2298</td> </tr> </table>		Name:	The Lubrizol Corporation	Street Address:	29400 Lakeland Blvd.	City:	Wickliffe	State/Country:	OHIO	Postal Code:	44092-2298
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4403475219  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4403471601        Email: nancy.dedek@lubrizol.com        Correspondent Name: David M. Shold, Lubrizol Corp.        Address Line 1: 29400 Lakeland Blvd.        Address Line 4: Wickliffe, OHIO 44092-2298</p>											
ATTORNEY DOCKET NUMBER:	3844-01										
NAME OF SUBMITTER:	Nancy S. Dedek										
<p>Total Attachments: 2        source=3844-01-US_Assignment#page1.tif        source=3844-01-US_Assignment#page2.tif</p>											

CH \$40.00 13818172

PATENT

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, to full satisfaction, we

**Mary Galic Raguz, Virginia A. Carrick and John K. Pudelski**

hereby sell and assign to THE LUBRIZOL CORPORATION, an Ohio corporation having its principal place of business at 29400 Lakeland Boulevard, Wickliffe, Ohio, 44092-2298, the entire right, title and interest, in the United States and all territories thereof and in all foreign countries, in and to all the inventions in

**Lubricants Containing Aromatic Dispersants and Titanium**

set forth in the application for United States Letters Patent

☐ executed by me (us) of even date herewith

☐ executed by us on the following dates: \_\_\_\_\_

☒ U.S. Serial Number 13/818,172 filed 21 February 2013

and naming us as inventors; and the entire right, title and interest in and to said application and all original and reissue patents granted for any of said inventions, and all divisions and continuations of said application and patents granted thereon, and all applications for any of said inventions filed in countries foreign to the United States and patents granted thereon, including the subject matter of any and all claims which may be obtained in all such patents; and the right to apply for and obtain patents in countries foreign to the United States including the right to claim for any foreign application the benefits of the International Convention including the right to claim priority in accordance with such Convention, and any other benefits available through the laws of these foreign countries with respect to patent applications as fully and entirely as we could claim such benefits; and the right to file applications for patents and otherwise to apply for and obtain any patents for said inventions in its own name in any country.

And we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith; and we agree that we will communicate to THE LUBRIZOL CORPORATION all facts known to us respecting said invention whenever requested by it, and will execute all instruments or documents requested by it for the filing and prosecution of applications for Letters Patent of the United States of America and all foreign countries on said invention, or in connection with litigation regarding said invention, or for the purpose of protecting title to said Invention or Letters Patent therefore in the United States or foreign countries and will testify in any legal proceedings relating thereto, at the request of THE LUBRIZOL CORPORATION, all without further or other compensation than that above set forth, but otherwise at the cost of THE LUBRIZOL CORPORATION.

And we further covenant and agree that if and when THE LUBRIZOL CORPORATION desires to file a disclaimer relating to said inventions in the United States or any foreign country, we will, upon its request, sign and deliver all papers requisite for the filing of such disclaimer.

And we authorize and request the Commissioner of Patents and Trademarks of the United States to issue the said Letters Patent to THE LUBRIZOL CORPORATION, as assignee and owner of the said entire interest.

This Assignment shall enure to the benefit of the successors and assigns of THE LUBRIZOL CORPORATION.

3/26/2013  
Date

First Inventor Mary Galic Raguz  
Mary Galic Raguz  
Post Office: 29400 Lakeland Blvd.  
Wickliffe, Ohio 44092-2298  
U.S.A.

3-20-13  
Date

Second Inventor Virginia A. Carrick  
Virginia A. Carrick  
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3-20-13  
Date

Third Inventor John K. Pudelski  
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