

## 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>David C. Arters</td> <td>01/15/2013</td> </tr> <tr> <td>Robert H. Barbour</td> <td>12/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	David C. Arters	01/15/2013	Robert H. Barbour	12/11/2012
Name	Execution Date						
David C. Arters	01/15/2013						
Robert H. Barbour	12/11/2012						
RECEIVING PARTY DATA							
Name:	The Lubrizol Corporation						
Street Address:	29400 Lakeland Blvd.						
City:	Wickliffe						
State/Country:	OHIO						
Postal Code:	44092-2298						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13696827</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13696827		
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Application Number:	13696827						
CORRESPONDENCE DATA							
Fax Number:	4403475219						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	3812-01						
NAME OF SUBMITTER:	Nancy S. Dedek						
Total Attachments: 2 source=381201US_Assignment#page1.tif source=381201US_Assignment#page2.tif							

CH \$40.00 13696827

ASSIGNMENT

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

**David C. Arters and Robert H. Barbour**

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

**Methods and Compositions That Provide Detergency**

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: \_\_\_\_\_
- US Serial Number 13/696,827 filed 8 November 2012
- International Patent Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_

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 I (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 our 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.

Docket No. 3812-01

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.

15 Jan 2013

Date

First Inventor

David C. Arters

David C. Arters

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Wickliffe, Ohio 44092-2298  
U.S.A.

11<sup>th</sup> Dec 2012

Date

Second Inventor

Robert H. Barbour

Robert H. Barbour

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