

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>Ewan E. Delbridge</td> <td>12/16/2011</td> </tr> <tr> <td>Virginia A. Carrick</td> <td>01/10/2012</td> </tr> <tr> <td>John K. Pudelski</td> <td>11/15/2011</td> </tr> <tr> <td>Matthew D. Gieselman</td> <td>12/16/2011</td> </tr> <tr> <td>Christophe L. Friend</td> <td>12/07/2011</td> </tr> <tr> <td>Patrick E. Mosier</td> <td>12/16/2011</td> </tr> <tr> <td>Michelle M. Rogers</td> <td>01/03/2012</td> </tr> <tr> <td>Mark T. Tierney</td> <td>10/31/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ewan E. Delbridge	12/16/2011	Virginia A. Carrick	01/10/2012	John K. Pudelski	11/15/2011	Matthew D. Gieselman	12/16/2011	Christophe L. Friend	12/07/2011	Patrick E. Mosier	12/16/2011	Michelle M. Rogers	01/03/2012	Mark T. Tierney	10/31/2011
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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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Application Number:	13203852																		
CORRESPONDENCE DATA																			
Fax Number:	(440)347-5219																		
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Email:	nancy.dedek@lubrizol.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	David M. Shold, The Lubrizol Corp.																		
Address Line 1:	29400 Lakeland Blvd.																		
Address Line 2:	Patent Dept./022B																		
Address Line 4:	Wickliffe, OHIO 44092-2298																		

PATENT

ATTORNEY DOCKET NUMBER:	3490-01
NAME OF SUBMITTER:	Nancy S. Dedek
Total Attachments: 3 source=349001US_Assignment#page1.tif source=349001US_Assignment#page2.tif source=349001US_Assignment#page3.tif	

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,

**Ewan E. Delbridge, Virginia A. Carrick, John K. Pudelski, Matthew D. Gieselman,
Christopher L. Friend, Patrick E. Mosier, Michelle M. Rogers and Mark T. Tierney**

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

Ashless or Reduced Ash Quaternary Detergents

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 13/203,852 filed August 30, 2011**
- ☐ 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.

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.

12/16/2011
Date

First Inventor

Ewan E. Delbridge

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1/10/12
Date

Second Inventor

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Date

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12/16/2011
Date

Fourth Inventor

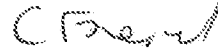
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U.S.A.

7th December 2011

Date

Fifth Inventor



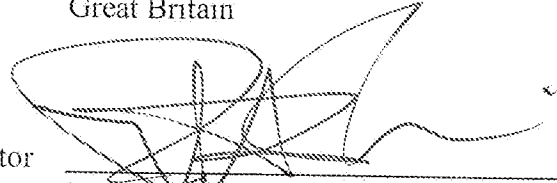
Christopher L. Friend

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Date

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1/3/2012

Date

Seventh Inventor



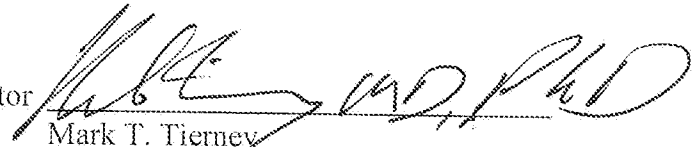
Michelle M. Rogers

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10-31-11

Date

Eighth Inventor



Mark T. Tierney

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