

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3114281

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID J. MORETON	11/12/2014
PAUL R. STEVENSON	11/12/2014
DEAN THETFORD	11/13/2014
JONATHAN S. VILARDO	11/13/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE LUBRIZOL CORPORATION
<b>Street Address:</b>	29400 LAKELAND BLVD.
<b>City:</b>	WICKLIFFE
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44092-2298
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14547409
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(440)347-5219
<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>	440-347-4210
<b>Email:</b>	sarah.degennaro@lubrizol.com
<b>Correspondent Name:</b>	THE LUBRIZOL CORP./CHRIS DEMAS
<b>Address Line 1:</b>	29400 LAKELAND BLVD.
<b>Address Line 4:</b>	WICKLIFFE, OHIO 44092-2298
<b>ATTORNEY DOCKET NUMBER:</b>	3529-01
<b>NAME OF SUBMITTER:</b>	SARAH DEGENNARO
<b>SIGNATURE:</b>	/Sarah DeGennaro/
<b>DATE SIGNED:</b>	11/19/2014
<b>Total Attachments: 6</b>	
source=3529-01-US Assignment 2014.11.19#page1.tif	
source=3529-01-US Assignment 2014.11.19#page2.tif	
source=3529-01-US Assignment 2014.11.19#page3.tif	

source=3529-01-US Assignment 2014.11.19#page4.tif

source=3529-01-US Assignment 2014.11.19#page5.tif

source=3529-01-US Assignment 2014.11.19#page6.tif

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged to full satisfaction, I hereby sell and assign to:

☒ THE LUBRIZOL CORPORATION, an Ohio corporation having its principal place of business at 29400 Lakeland Blvd., Wickliffe, Ohio 44092-2298,

(the Assignee) its successors, legal representatives, and assigns, the entire right, title and interest in, to and under the above-identified Application and any inventions disclosed therein, and any letters patent of The United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application and all applications and patent rights for the inventions disclosed therein in countries foreign to the United States; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Assignee the rights herein conveyed. I further agree that if the Assignee desires to file a disclaimer relating to any invention contained therein in any country, I will, upon its request, sign and deliver all papers requisite for the filing of such disclaimer. I further authorize and request the Commissioner for Patents and Trademarks of the United States to issue said letters patent to the Assignee.

I authorize the Assignee 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.

U.S. Provisional No.:

PCT Appln. No.

U.S. Serial No.:

PCT/US2007/083693

Filed:

Filed: Nov. 6, 2007

Filed:

## SIGNATURE

Inventor's signature David J. Moreton  
David J. Moreton

Date: 12/11/14

Residence Milford, Belper  
GB

Post Office Address P.O. Box 88  
Belper, DE56 1QN  
GB

■■■■■■■

Inventor's signature Paul R. Stevenson  
Paul R. Stevenson

Date: 12<sup>th</sup> Nov 2014

Residence Belper, Derby  
GB

Post Office Address P.O. Box 88  
Belper, DE56 1QN  
GB

■■■■■■■

[SIGNATURES TO FOLLOW ON NEXT PAGE]

PATENT

Inventor's signature

Dean Thelford

Date:

Residence Norden, Rochdale  
GBPost Office Address P.O. Box 42  
Blackley, Greater Manchester M9 8Z  
GB

\*\*\*\*\*

Inventor's signature

Jonathan S. Villardo

Date:

Residence Chardon, Ohio  
USPost Office Address 29400 Lakeland Blvd.  
Wickliffe, Ohio  
US.

[THIS DECLARATION ENDS ON THIS PAGE]

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged to full satisfaction, I hereby sell and assign to:

☒ **THE LUBRIZOL CORPORATION**, an Ohio corporation having its principal place of business at 29400 Lakeland Blvd., Wickliffe, Ohio 44092-2298,

(the Assignee) its successors, legal representatives, and assigns, the entire right, title and interest in, to and under the above-identified Application and any inventions disclosed therein, and any letters patent of The United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application and all applications and patent rights for the inventions disclosed therein in countries foreign to the United States; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Assignee the rights herein conveyed. I further agree that if the Assignee desires to file a disclaimer relating to any invention contained therein in any country, I will, upon its request, sign and deliver all papers requisite for the filing of such disclaimer. I further authorize and request the Commissioner for Patents and Trademarks of the United States to issue said letters patent to the Assignee.

I authorize the Assignee 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.

U.S. Provisional No.: \_\_\_\_\_  
PCT Appln. No. PCT/US2007/083693  
U.S. Serial No.: \_\_\_\_\_

Filed: \_\_\_\_\_  
Filed: Nov. 6, 2007  
Filed: \_\_\_\_\_

**SIGNATURE**

**Inventor's signature** \_\_\_\_\_ **Date:** \_\_\_\_\_  
David J. Moreton

**Residence** Milford, Belper  
GB

**Post Office Address** P.O. Box 88  
Belper, DE56 1QN  
GB

■■■■■■■■

**Inventor's signature** \_\_\_\_\_ **Date:** \_\_\_\_\_  
Paul R. Stevenson

**Residence** Belper, Derby  
GB

**Post Office Address** P.O. Box 88  
Belper, DE56 1QN  
GB

■■■■■■■■

[SIGNATURES TO FOLLOW ON NEXT PAGE]

**PATENT**

(Deputy) REEL: 034200 FRAME: 0899

Inventor's signature Dean Thetford Date: 13<sup>th</sup> November 2014  
Dean Thetford

Residence Norden, Rochdale  
GB

Post Office Address P.O. Box 42  
Blackley, Greater Manchester M9 8Z  
GB

\*\*\*\*\*

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_  
Jonathan S. Vilaro

Residence Chardon, Ohio  
US

Post Office Address 29400 Lakeland Blvd.  
Wickliffe, Ohio  
US.

[THIS DECLARATION ENDS ON THIS PAGE]

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged to full satisfaction, I hereby sell and assign to:

☒ THE LUBRIZOL CORPORATION, an Ohio corporation having its principal place of business at 29400 Lakeland Blvd., Wickliffe, Ohio 44092-2298,

(the Assignee) its successors, legal representatives, and assigns, the entire right, title and interest in, to and under the above-identified Application and any inventions disclosed therein, and any letters patent of The United States which may be issued thereon, together with all reissues or reexaminations of said letters patent, all divisions and continuations of said application and all applications and patent rights for the inventions disclosed therein in countries foreign to the United States; and I agree to execute all further papers and do all further acts appropriate to fully vest in said Assignee the rights herein conveyed. I further agree that if the Assignee desires to file a disclaimer relating to any invention contained therein in any country, I will, upon its request, sign and deliver all papers requisite for the filing of such disclaimer. I further authorize and request the Commissioner for Patents and Trademarks of the United States to issue said letters patent to the Assignee.

I authorize the Assignee 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.

U.S. Provisional No.:	_____	Filed:	_____
PCT Appln. No.	<u>PCT/US2007/083693</u>	Filed:	<u>Nov. 6, 2007</u>
U.S. Serial No.:	_____	Filed:	_____

**SIGNATURE**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_  
David J. Moreton

Residence Milford, Belper  
GB

Post Office Address P.O. Box 88  
Belper, DE56 1QN  
GB

■■■■■■■

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_  
Paul R. Stevenson

Residence Belper, Derby  
GB

Post Office Address P.O. Box 88  
Belper, DE56 1QN  
GB

■■■■■■■

[SIGNATURES TO FOLLOW ON NEXT PAGE]

Inventor's signature \_\_\_\_\_  
Dean Thetford

Date: \_\_\_\_\_

Residence Norden, Rochdale  
GB

Post Office Address P.O. Box 42  
Blackley, Greater Manchester M9 8Z  
GB

\*\*\*\*\*

Inventor's signature \_\_\_\_\_  
Jonathan S. Vilardo

Date: 11/13/14

Residence Chardon, Ohio  
US

Post Office Address 29400 Lakeland Blvd.  
Wickliffe, Ohio  
US.

[THIS DECLARATION ENDS ON THIS PAGE]