

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>John T. Loper</td> <td>01/15/2013</td> </tr> <tr> <td>Jeremy P. Styer</td> <td>01/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	John T. Loper	01/15/2013	Jeremy P. Styer	01/15/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Afton Chemical Corporation</td> </tr> <tr> <td>Street Address:</td> <td>500 Spring Street</td> </tr> <tr> <td>City:</td> <td>Richmond</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>23219</td> </tr> </table>		Name:	Afton Chemical Corporation	Street Address:	500 Spring Street	City:	Richmond	State/Country:	VIRGINIA	Postal Code:	23219
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CORRESPONDENCE DATA											
<p>Fax Number: 2155578477  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-557-6656        Email: kjdunleavy@mendelip.com        Correspondent Name: Kevin J. Dunleavy        Address Line 1: Mendelsohn, Drucker, &amp; Associates, P.C.        Address Line 2: 1500 John F. Kennedy Blvd., Suite 405        Address Line 4: Philadelphia, PENNSYLVANIA 19102</p>											
ATTORNEY DOCKET NUMBER:	AFTON-1070US										
NAME OF SUBMITTER:	Kevin J. Dunleavy										
<p>Total Attachments: 2        source=AFTON1070US_Assignment#page1.tif        source=AFTON1070US_Assignment#page2.tif</p>											

OP \$40.00 13725446

## ASSIGNMENT

WHEREAS, We, John T. Loper, residing at 1703 Habwood Lane, Richmond, VA 23238, United States of America, and Jeremy P. Styer, residing at 3009 Four Mile Run Drive, Richmond, VA 23231, United States of America, have invented certain new and useful improvements in and to the subject matter of:

### ADDITIVE COMPOSITIONS WITH A FRICTION MODIFIER

described in an application for United States Letters Patent No. 13/725,446 filed on December 21, 2012;

AND, Whereas, Afton Chemical Corporation, of 500 Spring Street, Richmond, Virginia 23219 (hereinafter referred to as, Assignee) is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, and other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND we hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration and further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND we hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our rights, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

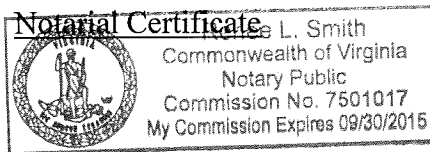
IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dated: 1/15/13

John T. Loper (L.S.)

State of VIRGINIA )

County RICHMOND )



I was originally commissioned as  
Renee L. Smith, Notary Public

Before me personally appeared John T. Loper who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same the 15 day of JANUARY, in the year 2013.

Renee L. Matthews  
Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dated: 1-15-2013

Jeremy P. Styer (L.S.)

State of VIRGINIA )

County RICHMOND )



I was originally commissioned as  
Renee L. Smith, Notary Public

Before me personally appeared Jeremy P. Styer who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same the 15 day of JANUARY, in the year 2013.

Renee L. Matthews  
Notary Public