

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3863617

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KRISTIN FLETCHER	04/29/2016
WILLIAM Y. LAM	04/28/2016
KONGSHENG YANG	04/28/2016
JEREMY STYER	05/02/2016
RECEIVING PARTY DATA	
Name:	AFTON CHEMICAL CORPORATION
Street Address:	500 SPRING STREET
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23219
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	15147375
Application Number:	15147464
Application Number:	15147404
Application Number:	15147317
Application Number:	15147330
Application Number:	62193297
CORRESPONDENCE DATA	
Fax Number:	(215)557-8477
<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>	
Phone:	215-557-6656
Email:	juli@mendelip.com
Correspondent Name:	KEVIN J. DUNLEAVY
Address Line 1:	1500 JOHN F. KENNEDY BLVD.
Address Line 2:	SUITE 312
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19102
ATTORNEY DOCKET NUMBER:	AFTON-1507 AND AFTON-1124
NAME OF SUBMITTER:	KEVIN J. DUNLEAVY

PATENT

SIGNATURE:	/Kevin J. Dunleavy/
DATE SIGNED:	05/09/2016
Total Attachments: 7 source=Fully Executed Assignment#page1.tif source=Fully Executed Assignment#page2.tif source=Fully Executed Assignment#page3.tif source=Fully Executed Assignment#page4.tif source=Fully Executed Assignment#page5.tif source=Fully Executed Assignment#page6.tif source=Fully Executed Assignment#page7.tif	

ASSIGNMENT

WHEREAS, Kristin Fletcher, residing at 3520 E. Clay Street, Richmond, Virginia 23223, United States of America, William Y. Lam, residing at P.O. Box 2311, Glen Allen, Virginia 23058, United States of America, Kongsheng Yang, residing at 11813 Autumnwood Court, Glen Allen, Virginia 23059, United States of America, and Jeremy Styer, residing at 5617 Lake Sharon Drive, Glen Allen, Virginia 23060, United States of America (hereinafter referred to as, "the Assignors") are the inventors of certain invention(s) or improvement(s) for which we will make application(s) for Letters Patent to the United States of America ("United States"), as follows:

1. LUBRICANTS WITH MAGNESIUM AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION, and for which we filed U.S. Patent Application No. 15/147,375 on May 5, 2016, having a docket number AFTON-1507US3;
2. LUBRICANTS WITH TITANIUM AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION, and for which we filed U.S. Patent Application No. 15/147,464, on May 5, 2016, having a docket number AFTON-1507US4;
3. LUBRICANTS WITH ZINC DIALKYL DITHIOPHOSPHATES AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION, and for which we filed U.S. Patent Application No. 15/147,404 on May 5, 2016, having a docket number AFTON-1507US5;
4. LUBRICANTS WITH CALCIUM-CONTAINING DETERGENT AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION, and for which we filed U.S. Patent Application No. 15/147,317 on May 5, 2016, having a docket number AFTON-1507USCIP1;
5. LUBRICANTS WITH MOLYBDENUM AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION, and for which we filed U.S. Patent Application No. 15/147,330 on May 5, 2016, having a docket number AFTON-1507USCIP2; and
6. ADDITIVES AND LUBRICATING OIL COMPOSITIONS FOR IMPROVING LOW SPEED PRE-IGNITION, for which we filed U.S. Provisional Application No. 62/193,297, on July 16, 2015.

This Assignment is effective as of April 29, 2016. If not already inserted, we hereby authorize and request the law firm of Mendelsohn Dunleavy, P.C., of 1500 John F. Kennedy Blvd., Suite 312, Philadelphia, PA 19102, to insert herein the filing date(s) and application number(s) of said application(s) when known.

WHEREAS, Afton Chemical Corporation, hereinafter referred to as the ASSIGNEE, having its principal place of business at 500 Spring Street, Richmond, Virginia 23219, United States of America, is desirous of acquiring the entire right, title and interest in and to the said Patent Property in any and all countries;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements for the United States and said United States patent application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in the United States, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

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 further covenant and agree that we will each time a request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and we agree to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing and reissue applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in the United States.

AFTON-1507US3
AFTON-1507US4
AFTON-1507US5

AFTON-1507USCIP1
AFTON-1507USCIP2
AFTON-1507USP

AND we hereby authorize and request the Director of Patents and Trademarks of the United States to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

This assignment shall be governed by the laws of the State of Virginia, United States of America.

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

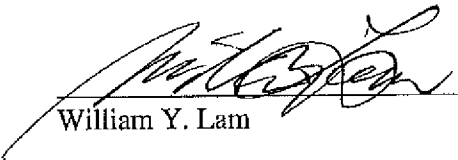
Dated: 4/29/16 Kristin Fletcher (L.S.)
Kristin Fletcher


Witnessed by: Leah Robinson
Printed name: Leah Robinson

AFTON-1507US3
AFTON-1507US4
AFTON-1507US5

AFTON-1507USCIP1
AFTON-1507USCIP2
AFTON-1507USP

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

Dated: April 28, 2016  (L.S.)
William Y. Lam

Witnessed by: 
Printed name: Leah Robinson

AFTON-1507US3
AFTON-1507US4
AFTON-1507US5

AFTON-1507USCIP1
AFTON-1507USCIP2
AFTON-1507USP

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

Dated: 4/28/2016  (L.S.)
Kongsheng Yang


Witnessed by: 
Printed name: Leah Robinson

AFTON-1507US3
AFTON-1507US4
AFTON-1507US5

AFTON-1507USCIP1
AFTON-1507USCIP2
AFTON-1507USP


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

Dated: 5-2-2016


Jeremy Styer

(L.S.)

Witnessed by


Printed name: Leah Robinson

AFTON-1507US3
AFTON-1507US4
AFTON-1507US5

AFTON-1507USCIP1
AFTON-1507USCIP2
AFTON-1507USP

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

Dated: 4.29.16

Leah Robinson (L.S.)

Afton Chemical Corporation

Name of Assignee's Representative: Leah Robinson

Title of Assignee's Representative: Patent Counsel