505354076 03/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5400862

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 045286 Frame 0345. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
XINGGAO FANG	03/01/2019

RECEIVING PARTY DATA

Name:	AFTON CHEMICAL CORPORATION	
Street Address:	500 SPRING STREET	
City:	RICHMOND	
State/Country:	VIRGINIA	
Postal Code:	23219	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15923435

CORRESPONDENCE DATA

Fax Number:

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.

Email: Imartino@mendelip.com

Correspondent Name: MENDELSOHN DUNLEAVY, P.C. Address Line 1: 1500 JOHN F. KENNEDY BLVD. TWO PENN CENTER. SUITE 312

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102

ATTORNEY DOCKET NUMBER:	AFTON-1771US
NAME OF SUBMITTER:	KEVIN J. DUNLEAVY
SIGNATURE:	/Kevin J. Dunleavy/
DATE SIGNED:	03/01/2019

Total Attachments: 5

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PATENT 505354076 REEL: 048480 FRAME: 0316

504827471 03/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4874207

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XINGGAO FANG	03/15/2018

RECEIVING PARTY DATA

Name:	AFTON CHEMICAL COMPANY
Street Address:	500 SPRING STREET
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23219

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15923435

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 2155576656

Email: Imartino@mendelip.com

Correspondent Name: MENDELSOHN DUNLEAVY P.C.

Address Line 1: 1500 JOHN F. KENNEDY BLVD.

Address Line 2: TWO PENN CENTER, SUITE 312

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102

ATTORNEY DOCKET NUMBER:	AFTON-1771US
NAME OF SUBMITTER:	KEVIN J. DUNLEAVY
SIGNATURE:	/Kevin J. Dunleavy/
DATE SIGNED:	03/20/2018

Total Attachments: 4

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> PATENT REEL: 048480 FRAME: 0317

CORRECTIVE ASSIGNMENT

This assignment is executed for the purpose of correcting an obvious typographical error in the combined Declaration and Assignment executed for this same invention on March 16, 2018. This Corrective Assignment corrects the name of the Assignee from "AFTON CHEMICAL COMPANY" to "AFTON CHEMICAL CORPORATION." This is an obvious error since the entity "AFTON CHEMICAL COMPANY" does not exist. This Corrective Assignment is effective as of March 15, 2018, the date of execution of the original Assignment for this invention.

WHEREAS, AFTON CHEMICAL CORPORATION of 500 Spring Street, Richmond, VA 23219,

its heirs, successors, legal representatives and assigns (hereinafter designated as the assignee) is desirous of acquiring the entire right, title and interest in and to the invention described in U.S. Patent Application No. <u>15/923,435</u> filed on <u>March 16, 2018</u> for "LUBRICANTS CONTAINING AMINE SALT OF ACID PHOSPHATE AND HYDROCARBYL BORATE" and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

For and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, 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 invention(s) or improvement(s) and said application(s) including the right to claim priority to the application(s) in any application entitled to claim such priority under national law, international conventions, treaties or otherwise, and any and all continuations, divisions and renewals of and substitutes for said application(s), 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 and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our name applications for Letters Patent in all countries, 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 I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time 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 invention(s) or improvement(s), said application(s) and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to its nominee all known facts respecting said invention(s) or improvement(s), said application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns,

PATENT REEL: 048480 FRAME: 0318 nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said invention(s) or improvement(s) in any and all countries.

AND I hereby authorize and request the Director – U.S. Patent and Trademark Office and any official of any country or countries foreign to the United States whose duty it is to issue patents on application(s) as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application(s) 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: 3/1/19 Singgao Fang (L.S.)
Inventor Residence: 13905 Gorham Lane, Midlothian, VA 23114
Inventor Mailing Address: 13905 Gorham Lane, Midlothian, VA 23114
Inventor Citizenship: <u>United States</u>
State of Virsinia) County Richmond)
• • •
Before me personally appeared \(\frac{\chi_ngcao}{\chi_ngcao} \) \(\frac{\chi_ngcao}{\chi_ngcao} \) who acknowledged the foregoing instrument to be a free act and deed and also represented that s/he is authorized to execute the same the \(\frac{\chi_ngcao}{\chi_ngcao} \) and \(\frac{\chi_ngcao}{\chi_ngcao} \), in the year 2019.

Renee L. Matthews Commonwealth of Virginia Notary Public Commission No. 7501017

My Commission Expires 9/30/2019

IN WITNESS WHEREOF, I have hereunto set my hand and seal.
Dated: 3///9 Aftor Chemical Corporation (L.S.)
Name of Assignee's Representative: J. Clay Matthews
Title of Assignee's Representative: Chief Intellectual Property Counsel
State of Virginia) County Richmond)
County Richmond
Before me personally appeared

Renee L. Matthews
Commonwealth of Virginia
Notary Public
Commission No. 7501017
My Commission Expires 9/30/2019

This document shall serve as evidence for all those with a need or purpose to know, and/or shall verify and confirm that the following person(s) Jeffrey Clay Matthews, David W.

Anderson, Leah C. Robinson, Kathleen A. Cavanagh, and Yongjun (Larry) Zhang occupying the employed positions titled Associate IP Counsel, Assistant IP Counsel, and Senior IP Attorney representing Afton Chemical Corporation and its affiliated companies including but not limited to NewMarket Corporation, NewMarket Services Corporation, Ethyl Corporation, and Afton Chemical Intangibles LLC, all having locations in Richmond Virginia, U.S.A., and the affiliated company Afton Chemical Limited, of Bracknell, England, has received the authorization from the corporate officers of the aforementioned companies to execute authorization forms, to execute assignments on behalf of Afton Chemical Corporation and its affiliated companies as the assignee, delegate authority, appoint counsel and convey powers of attorney to represent the aforementioned companies in foreign patent and trademark offices, incur expenses, prosecute patent applications and opposition proceedings and otherwise represent the intellectual property rights and interests of the aforementioned companies before various patent granting governmental offices and agencies.

Signed this 1st day of June, 2017 by M. Rudolph West, in my capacity as General Counsel and Corporate Secretary for NewMarket Corporation

M Dudhlah West

Commonwealth of

Virginia: City of Richmond

to wit:

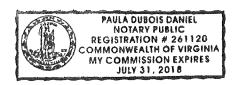
Subscribed and sworn to before me on this the 1st day of June, 2017 by M. Rudolph

West.

Notary Public: Paula Dubois Daniel

My commission expires: July 31, 2017

Registration Number: 261120



PATENT REEL: 048480 FRAME: 0321

RECORDED: 03/01/2019