

PATENT ASSIGNMENT COVER SHEET

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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>SOPHIE GUERIN</td> <td>10/11/2013</td> </tr> <tr> <td>LAURENT ABBAS</td> <td>10/11/2013</td> </tr> <tr> <td>WISSAM RACHED</td> <td>10/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	SOPHIE GUERIN	10/11/2013	LAURENT ABBAS	10/11/2013	WISSAM RACHED	10/11/2013
Name	Execution Date								
SOPHIE GUERIN	10/11/2013								
LAURENT ABBAS	10/11/2013								
WISSAM RACHED	10/11/2013								
RECEIVING PARTY DATA									
Name:	ARKEMA FRANCE								
Street Address:	420, RUE D'ESTIENNE D'ORVES								
City:	COLOMBES								
State/Country:	FRANCE								
Postal Code:	F-92700								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14115542</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14115542				
Property Type	Number								
Application Number:	14115542								
CORRESPONDENCE DATA									
Fax Number:	(703)836-7419								
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ATTORNEY DOCKET NUMBER:	0078840-000080								
NAME OF SUBMITTER:	TRAVIS D. BOONE								
Signature:	/TDBoone/								
Date:	11/04/2013								

OP \$40.00 14115542

PATENT

Total Attachments: 4
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ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Sophie GUERIN, (2) Laurent ABBAS, and (3) Wissam RACHED, residing at (1) Francheville, FRANCE; (2) Narberth, Pennsylvania, USA; and (3) Chaponost, FRANCE (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in HEAT-TRANSFER COMPOSITIONS EXHIBITING IMPROVED MISCIBILITY WITH THE LUBRICATING OIL set forth in an application for Letters Patent of the United States, which is a

- (1) provisional application
- (a) bearing Application No. _____, and filed on _____;
- (b) to be filed herewith; or
- (2) non-provisional application
- (a) bearing Application No. _____, and filed on _____;
- (b) having an oath or declaration executed on even date herewith prior to filing of application;
- (c) having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, ARKEMA FRANCE, a corporation duly organized under and pursuant to the laws of FRANCE and having a principal place of business at 420, Rue d'Estienne d'Orves, F-92700 Colombes, FRANCE (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;


AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 11/ oct /2013



SOPHIE GUERIN

DATE _____

LAURENT ABBAS

DATE 11/oct/ 2013



WISSAM RACHED

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Sophie GUERIN, (2) Laurent ABBAS, and (3) Wissam RACHED, residing at (1) Francheville, FRANCE; (2) Narberth, Pennsylvania, USA; and (3) Chaponost, FRANCE (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in HEAT-TRANSFER COMPOSITIONS EXHIBITING IMPROVED MISCIBILITY WITH THE LUBRICATING OIL set forth in an application for Letters Patent of the United States, which is a

- (1) provisional application
 - (a) bearing Application No. _____, and filed on _____;
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- (2) non-provisional application
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WHEREAS, ARKEMA FRANCE, a corporation duly organized under and pursuant to the laws of FRANCE and having a principal place of business at 420, Rue d'Estienne d'Orves, F-92700 Colombes, FRANCE (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

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DATE _____

SOPHIE GUERIN

DATE 10/11/2013



LAURENT ABBAS

DATE _____

WISSAM RACHED