#### 504993856 07/09/2018

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JACOB EMERT	05/22/2018
RACHEL TUNDEL	06/19/2018
PETER WRIGHT	06/19/2018
SANDIP AGARWAL	07/09/2018
XINHUA LI	05/17/2018
JOSEPH MCLELLAN	05/04/2018
PATRICK REUST	05/17/2018

#### **RECEIVING PARTY DATA**

Name:	INFINEUM INTERNATIONAL LIMITED	
Street Address:	MILTON HILL	
City:	ABINGDON, OXFORDSHIRE	
State/Country:	UNITED KINGDOM	
Postal Code:	OX13 6BB	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15837010

#### **CORRESPONDENCE DATA**

**Fax Number:** (908)474-2431

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.

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ATTORNEY DOCKET NUMBER:	PF2017L004
NAME OF SUBMITTER:	JACOB M. LEVINE
SIGNATURE:	/JACOB M. LEVINE/
DATE SIGNED:	07/09/2018

PATENT REEL: 046292 FRAME: 0292

## **Total Attachments: 3**

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PATENT REEL: 046292 FRAME: 0293

# ASSIGNMENT INVENTORS:

Jacob Emeri		***************************************	Peter Wright		
Rachel Tune	iel				****
	consideration of payme duable consideration, ed to as UNDERSIGN		secordance with the Policy of its hereby acknowledged (s) as follows:	on Inventions and Pas L, the undersigned per	on Awards and other son(s) named above,
	le and interest, for the	: United States and	i) to infineum international i assigns, herein referred to i all foreign countries, in a patents covering same whi	collectively as ASSI(	NEE, the entire
Ī	Low Ash and Ash-From	Acid Neutralizin	; Compositions and Lubrica	tting Oil Composition:	s Containing Same,
and doct any cont assignme foreign p improves priority t UNDER; support t obtain U hereby or UNDER; instrumer	by said application unc 2) UNDERSIGNED  Iments relating to obtain a continuations of such appoints of any of the above the state of the	or provisions of in agree(s) upon the siming patents and lications or substite to required for recount of the recount of the recount of the recount of the recount of preparing and agree(s) to perform the recount of preparing and agree(s) to perform the recount of preparing and agree(s) to perform the recount of the reconstruction of the recount of t	ted on the 7th day(s) of 15/837,010, filed Decemble ternational conventions or the request of ASSIGNEE to the prosecution thereof for tutes therefor or registration ording in the United States necessary or expedient, the event of any application for the recombing all documents a executing all documents a executing all documents are said invention or improve a contrely as the same wo not becamade, and a SSIGNEE's attorner to executed the Declaration number thereof when kn	per 11, 2017, and all reastes.  > execute any and ell resid invention or im mes thereof, and any a Patent and Trademark to based on said assign reissue thereof, become SIGNEE to the best and giving and product quest any and all affivement and to vest at all have been held a product of the paragram.	ights of priority applications for provement, and pecific separate Office and any ed invention or sing involved in of the ability of ing evidence in rmative acts to I rights therein and enjoyed by
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DATE Z	May 22,	<u> 18</u>	Jacob Emerr Jos	tent d	(LS)
**************************************	9-5UW- MMM-YYYY)	20/8	Witness  Rachel Rachel Tundel	Dand	(LS)
	1-3W-2	.018	Witness	UNGUF	(LS)
377.00		dj.	Peter Wright		Inventor

Witness

DATE \_\_\_\_

(DD-MMM-YYYY)

PATENT REEL: 046292 FRAME: 0294

Inventor (LS)

## ASSIGNMENT INVENTOR OF INVENTORS:

Joseph McLeilan	
Patrick Reust	***************************************
accordance with the Policy on Invention sich is hereby acknowledged, the under c(s) as follows:	
(s) to Infineum International Limited, indicated, indicated, and assigns, herein referred to collectively and all foreign countries, in and to UND in patents covering same which is described.	ERSIGNED'S invention or ibed in a patent application
ing Compositions and Lubricating Oil C	ompositions Containing Sam
cuted on the 7* day(s) of December N. 15/837.010, filed December 11, 20 f international conventions or treatics. In the request of ASSIGNEE to execute and the prosecution thereof for said invibilities therefor or registrations thereof recording in the United States Patent and the event of any application based of the event of any application and giving perform upon ASSIGNEE's request any vering said invention or improvement and as entirely as the same would have had not been made.  The horize(s) ASSIGNEE's attorney to instruct the event of the peclaration for lication number thereof when known.	any and all applications for ention or improvement, and if, and any specific separate d Trademark Office and any in said assigned invention or sercof, becoming involved in to the best of the ability of g and producing evidence in y and all affirmative acts to and to vest all rights therein a been held and enjoyed by sert at paragraph 1, in this the above-referenced patent
d and	
J. Car	
Sandip Agarwal	inventor
Witness	***************************************
Xisbus Li	Inventor
Xinbun Li Witness	Inventor
	Inventor
e (file it life ab te pysish it is	Patrick Reust  accordance with the Policy on Invention ich is hereby acknowledged, the under (s) as follows:  (s) to Infineum International Limited, and assigns, herein referred to collectivel and all foreign countries, in and to UND id patents covering same which is descring Compositions and Lubricating Oil Couted on the 7* day(s) of December N. 15/837.010, filed December 11, 20 international conventions or treatics, the request of ASSIGNEE to execute and the prosecution thereof for said investitutes therefor or registrations thereorecording in the United States Patent and mecessary or expedient. In the event of any application based of reissue or application for the reissue of GNED will cooperate with ASSIGNEE and executing all documents and givin perform upon ASSIGNEE's request an avering said invention or improvement; and as entirely as the same would have that not been made.  GNED executed the Declaration for ication number thereof when known.  In the second of the peclaration for ication number thereof when known.  In the second of the Declaration for ication number thereof when known.  In the second of the Declaration for ication number thereof when known.  In the second of the Declaration for ication number thereof when known.

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PATENT REEL: 046292 FRAME: 0295

Patrick Reust

## ASSIL/INIVIE/VI INVENTOR or INVENTORS:

Service y 9	
Producen I i	
Xinhua Li	Joseph McLellan Patrick Reust

In consideration of payment to be made in accordance with the Policy on Inventions and Patent Awards and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to infineum international Limited, a company incorporated in England, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the emire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application satisfied.

Low Ash and Ash-Free Acid Neutralizing Compositions and Lubricating Oil Compositions Containing Same,

said application having been executed on the 7° day(s) of December 2017, and being further identified as Family No. PF2017L004, U.S.S.N. 15/837,010, filled December 11, 2017, and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings. UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all thousants and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEES request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

3) UNDERSIGNED hereby authorize(s) ASSIGNEE's anomey to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced parent application, as well as the filling date and application number thereof when known.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposits UNDERSIGNED'S NAME.

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DATE	5/17/2018	Witness // A	· ······
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	***************************************	Witness	N.
DATE	5/4/18	\	(1.5)
	(DOMBLYTY)	Joseph MicLellan	Inventor
	3	Witness	200000
DATE	2/17/18	A. C.	(LS)
	(DD-Males TYEY)	A. C. Patrick Reunt	La) Inventor
	The state of the s	Witness	,

PATENT REEL: 046292 FRAME: 0296

RECORDED: 07/09/2018