PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4554654

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
MOHAMED ESSEGHIR	10/08/2014
SUH JOON HAN	10/10/2014

RECEIVING PARTY DATA

Name:	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC
Street Address:	2020 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15501878

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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: 9896368537

Email: FGLMFRR@DOW.COM

Correspondent Name: KRISTIE ELLISON
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	75538-US-PCT
NAME OF SUBMITTER:	KRISTIE ELLISON
SIGNATURE:	/Kristie Ellison/
DATE SIGNED:	08/17/2017

Total Attachments: 2

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PATENT 504507949 REEL: 043318 FRAME: 0720

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FORM 110 (R 5/97)

ent 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: THERMAL GREASE BASED ON HYPERBRANCHED OLEFINIC FLUID

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Union Carbide Chemicals & Plastics Technology LLC 2020 Dow Center

Midland, Michigan 48674

an entity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
hornion tena uleagens		Ting County
PCT/CN2014/087083	September 22, 2014	International
	Deptember 22, 2014	nucriational

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignce or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Spring House, PA 19477, USA	At: Spring House, PA 19477, USA
this 3th day of octobe, 20	this 10th day of Uctober ,20/4
Effective as of September 22, 2014	Effective as of September 22, 2014
1 1 1 1 (20 1)	(1 1 2
Signature: Most council Island	Signature: Auch Azorn Han
Full Name: Mohamed Esseghir	Full Name: Suh Joon Han
Residence: 19 Dix Lane	Residence: 4363 Annandale Dr.
Lawrenceville, New Jersey 08648	Schwenksville, Pennsylvania 19473
UNITED STATES OF AMERICA	UNITED STATES OF AMERICA
Country: United States of America	
	Country: United States of America
Citizenship: Algeria	Citizenship: Republic of Korea
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Union Carbide Corporation	Employed By: Union Carbide Corporation
Of Country: United States of America	Of Country: United States of America
At:	At:
this day of , 20	this day of . 20
,	, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	
Residence.	Residence:
0	
Country:	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country:

PATENT REEL: 043318 FRAME: 0721 \$600\$ 6600\$

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC

2020 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: October 8, 2014 and October 10, 2014; effective as of September 22, 2014

From, the ASSIGNOR: Mohamed Esseghir, 19 Dix Lane, Lawrenceville, New Jersey 08648, United States of America, Citizen of Algeria and Suh Joon Han, 4363 Annandale Dr., Schwenksville, Pennsylvania 19473, United States of America, Citizen of Republic of Korea

of the invention entitled:

THERMAL GREASE BASED ON HYPERBRANCHED OLEFINIC FLUID

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signe	dat	Midland	l, Michigan 48674, USA	
this	6	_day of _	November	, 20 _/ -/
	CORF SEAL		TECHNOLOGY	DE CHEMICALS & PLASTICS LLC THE STATE OF TH

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this 6 day of 10 vember, 20/4, personally appeared before me, CHARLES J. MAURER III, Secretary,
known or identified to me to be the individual described in and who executed the foregoing documen and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated December 31, 2007, is based on

Authorization Policy of said Limited Liability Company

which I have seen, appointing the said individual Secretary with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

RECORDED: 08/17/2017

Xhthv Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN

MY COMMISSION EXPIRES APRIL 07, 2018

PATENT REEL: 043318 FRAME: 0722