

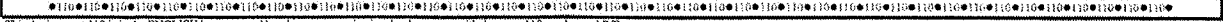
PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3863521

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUH JOON HAN	09/09/2011
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:	14124065
CORRESPONDENCE DATA	
Fax Number:	(414)223-5000
<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:	4149785559
Email:	jpolmatier@whdlaw.com
Correspondent Name:	JERE L. POLMATIER
Address Line 1:	WHYTE HIRSCHBOECK DUDEK S.C.
Address Line 2:	555 EAST WELLS STREET, SUITE 1900
Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	DOW-36907-A-US
NAME OF SUBMITTER:	JERE L. POLMATIER
SIGNATURE:	/jlp/
DATE SIGNED:	05/09/2016
Total Attachments: 2	
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source=DOW36907assign1#page2.tif	

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



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FORM 110 (R 5/97)

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: **GENETICALLY-ENGINEERED MICROBIAL OIL DIELECTRIC 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
United States of America

a limited liability company organized and existing under the laws 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
61/501,339	June 27, 2011	United States of America

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 Assignee 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: <u>Spring House, PA</u> this <u>9</u> day of <u>September</u> , 20 <u>11</u> Effective as of June 27, 2011
Signature: <u>[Signature]</u> Full Name: <u>Suh Joon Han</u> Residence: <u>58 Ridgeview Drive</u> <u>Belle Mead, New Jersey 08502</u> Country: <u>United States of America</u> Citizenship: <u>Republic of Korea</u> P.O. Address: <u>Same as residence</u> Employed By: <u>Union Carbide Chemicals & Plastics</u> <u>Technology LLC</u> Of Country: <u>United States of America</u>

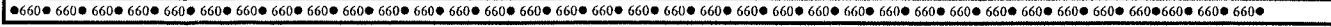
At: <u>Spring House PA</u> this <u>9</u> day of <u>Sept</u> , 20 <u>11</u>
Signature: <u>[Signature]</u> Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____

At: _____ this _____ day of _____, 20 _____
Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____

At: _____ this _____ day of _____, 20 _____
Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____

() Additional names and signatures are attached.

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



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 attached hereto which is dated: September 9, 2011; with an effective date as of June 27, 2011

From, the ASSIGNOR: Suh Joon Han, 58 Ridgeview Drive, Belle Mead, New Jersey 08502, United States of America, Citizen of Republic of Korea

of the invention entitled:

GENETICALLY-ENGINEERED MICROBIAL OIL DIELECTRIC 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.

Signed at Midland, Michigan 48674, USA
this 11 day of October, 20 11



**UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY LLC**

By: Charles J. Maurer III
CHARLES J. MAURER III
Secretary

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 11 day of October, 20 11, 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 document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said limited liability company incorporated 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 limited liability company and that the purposes for which said document is granted are within the scope of the objects or activities of said limited liability company.

Jane M. Neitzel

SEAL

Jane M. Neitzel
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES SEPTEMBER 28, 2013