

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4260577

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC	11/02/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	DOW GLOBAL TECHNOLOGIES LLC	
<b>Street Address:</b>	2040 DOW CENTER	
<b>City:</b>	MIDLAND	
<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	48674	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14362420
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(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>		
<b>Phone:</b>	4149785559	
<b>Email:</b>	jere.polmatier@huschblackwell.com	
<b>Correspondent Name:</b>	JERE L. POLMATIER	
<b>Address Line 1:</b>	HUSCH BLACKWELL LLP	
<b>Address Line 2:</b>	555 EAST WELLS STREET, SUITE 1900	
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202	
<b>ATTORNEY DOCKET NUMBER:</b>	DOW-39527-A-US	
<b>NAME OF SUBMITTER:</b>	JERE L. POLMATIER	
<b>SIGNATURE:</b>	/jlp/	
<b>DATE SIGNED:</b>	02/06/2017	
<b>Total Attachments: 3</b>		
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This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

We, ASSIGNOR, of: **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 the State of Delaware, United States of America** do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Suh Joon Han, 58 Ridgeview Drive, Belle Mead, New Jersey 08502, United States of America, Citizen of Republic of Korea  
by an Assignment dated: January 18, 2012 of an invention relating to and entitled:

## HYPERBRANCHED OLEFIN OIL-BASED DIELECTRIC FLUID

We do hereby declare, for good and valuable consideration effective as of December 29, 2011, received, sell, assign, and transfer unto:

WE, the ASSIGNEE:

**DOW GLOBAL TECHNOLOGIES LLC**  
**2040 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

a limited liability company **organized and existing under the laws of the State of Delaware, United States of America** our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/581,402	December 29, 2011	United States of America

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country
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of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Sworn by us at **Midland, Michigan 48674, USA**

this 2nd day of NOVEMBER, 20 12

CORP.  
SEAL

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC

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

Attach Notarial Certificate (Corporation)

FORM 550

Rebecca Sue Hollingshead  
NOTARY PUBLIC, LANSING COUNTY, MICHIGAN  
MY COMMISSION EXPIRES ON NOVEMBER 25, 2012

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: **DOW GLOBAL TECHNOLOGIES LLC**  
**2040 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

hereby accept the ASSIGNMENT attached hereto which is dated: November 2, 2012  
 effective as of December 29, 2011

From, the ASSIGNOR: **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC**  
**2020 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

of the invention entitled:

### HYPERBRANCHED OLEFIN OIL-BASED 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 5 day of November, 20 12

CORP.  
SEAL

**DOW GLOBAL TECHNOLOGIES LLC**

By:

Susan M. Zerull  
**SUSAN M. ZERULL**  
**Authorized Representative**

## NOTARIAL CERTIFICATE (Limited Liability Company)

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

On this 5 day of November, 20 12, personally appeared  
 before me, **SUSAN M. ZERULL, Authorized Representative**,  
 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 **June 1, 2012**, is based on

**A delegation of signature authority of said Limited Liability Company**

which I have seen, appointing the said individual Authorized Representative 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.

SEAL

Kathy Sue Wertz  
 NOTARY PUBLIC

**Kathy Sue Wertz**  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES APRIL 07, 2018**