502803998 05/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2850594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUH JOON HAN	10/21/2010

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:	13814571

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 via

US Mail.

Phone: 9896360618

Email: roedel@dow.com

Correspondent Name: MATTHEW ROEDEL

Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	70298-US-PCT
NAME OF SUBMITTER:	MATTHEW ROEDEL
SIGNATURE:	/Matthew Roedel/
DATE SIGNED:	05/12/2014

Total Attachments: 3

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PATENT 502803998 REEL: 032873 FRAME: 0750

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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: A THERMALLY-STABLE 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 corporation 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 and interest inforgenout the world, in and to the invention and air rights and powers to make applications, including provisional applications we 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
L	61/384,057	September 17, 2010	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: PISCATAWBY, NJ	At:
this 21 day of October , 20 10	this day of , 20
Effective as of September 17, 2010	
Signature: Such Down Hem	
Signature: Jan ODDA Hem	Signature:
Full Name: Suh Joon, Han	Full Name:
Residence: 58 Ridgeview Dr.	Residence:
Belle Mead, New Jersey 08502	
Country: United States of America	Country:
Citizenship: Republic of Korea	Citizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: Union Carbide Corporation	Employed By:
Of Country: United States of America	Of Country:
4	
At:	At:
this, 20	At:
0.	
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	Country
Citizenship:	Country:
P.O. Address:	Citizenship: P.O. Address:
Employed By:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Employed By:
Of Country:	Of Country:
Of Country: onal names and signatures are attached.	Of Country:

() Additi-

PATENT REEL: 032873 FRAME: 0751 FORM 220

NOTARIAL CERTIFICATE (Individual)

UNITED STATES STATE OF NEW J County/Parish of ∫	ERSEY) SS	
On this <u>Ol</u> da	The state of the s	, 20 , personally appeared before me,
	Suh Joo	n nan
		ibed in and who executed the foregoing document or uses and purposes therein expressed.
SEAL	Carol Patton Notary Public	Card Patton

PATENT REEL: 032873 FRAME: 0752 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: October 21, 2010; with an effective date as of September 17, 2010

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

of the invention entitled:

States of America.

A THERMALLY-STABLE DIELECTRIC FLUID

Midland, Michigan 48674, USA

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.

ppeared
document
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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 corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

> PATENT REEL: 032873 FRAME: 0753

RECORDED: 05/12/2014