PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

c Version v1.1 EPAS ID: PAT4262765

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	4

CONVEYING PARTY DATA

Name	Execution Date
SUH JOON HAN	11/20/2012
JEFFREY M COGEN	11/26/2012

RECEIVING PARTY DATA

Name:		
Street Address:		
City: MIDLAND State/Country: MICHIGAN		
		Postal Code:

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14397385

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:	72445-US-PCT
NAME OF SUBMITTER:	KRISTIE ELLISON
SIGNATURE:	/Kristie Ellison/
DATE SIGNED:	02/07/2017

Total Attachments: 3

source=72445-US-PCT 20170207 Inventors to UCCPTL#page1.tif source=72445-US-PCT 20170207 Inventors to UCCPTL#page2.tif source=72445-US-PCT 20170207 Inventors to UCCPTL#page3.tif

PATENT 504216088 REEL: 041191 FRAME: 0714

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; POLYMERIC COATINGS FOR COATED CONDUCTORS

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

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

_			
Ī	Priority Number	Filing Date	Filing Country
Ţ	61/664,779	June 27, 2012	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've 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:

IAL Spring House, PA 19477, USA 1	At:
At: Spring House, PA 19477, USA this 20 day of November, 20 12	this day of , 20
Effective as of June 27, 2012	Effective as of June 27, 2012
1 . l. l. l	
Signature:	Signature:
Full Name: Suh Joon Han	Full Name: Jeffrey M. Cogen
Residence: 58 Ridgeview Drive	Residence: 6 Braintree Court
Beile Mead, New Jersey 08502	Flemington, New Jersey 08822
Country: United States of America	Country: United States of America
Citizenship: Republic of Korea	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Union Carbide Chemicals & Plastics	Employed By: Union Carbide Chemicals & Plastics
Technology LLC	Technology LLC
Of Country: United States of America	Of Country: United States of America
At:	At;
this, 20	this, 20
ł I	
:	
Signatura	Signatura
Signature:	Signature:
Full Name:	Full Name:
	T
Full Name; Residence;	Full Name: Residence:
Full Name; Residence; Country:	Full Name: Residence: Country:
Full Name; Residence; Country: Citizenship:	Full Name: Residence: Country: Citizenship:
Full Name; Residence; Country: Citizenship: P.O. Address;	Full Name: Residence: Country: Citizenship: P.O. Address:
Full Name: Residence: Country: Citizenship: P.O. Address: Employed By:	Full Name: Residence: Country: Citizenship: P.O. Address: Employed By:
Full Name: Residence: Country: Citizenship: P.O. Address:	Full Name: Residence: Country: Citizenship: P.O. Address:

() Additi

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: POLYMERIC COATINGS FOR COATED CONDUCTORS

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

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
	61/664,779	June 27, 2012	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 Assignce; 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.

ALS DOING HOUSE ICA

Subscribed and Declared by me/us:

At:

this day of , 20	this 2 day of plower , 20 17
Effective as of June 27, 2012	Effective as of June 27, 2012
Signature:	Signature:
Full Name: Suh Joon Han	Full Name: Jeffrey M. Cogen
Residence: 58 Ridgeview Drive	Residence: 6 Braintree Court
Belle Mead, New Jersey 08502	Flemington, New Jersey 08822
Country: United States of America	Country: United States of America
Citizenship: Republic of Korea	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Union Carbide Chemicals & Plastics	Employed By: Union Carbide Chemicals & Plastics
Technology LLC	Technology LLC
Of Country: United States of America	Of Country: United States of America
At:	At:
this, 20,	this day of, 20
o:	
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country:
nal names and signatures are attached.	

() Additio

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: November 20, 2012; and November 26, 2012; effective as of June 27, 2012

From, the ASSIGNOR: Suh Joon Han, 58 Ridgeview Drive, Belle Mead, New Jersey 08502, United States of America, Citizen of Republic of Korea and Jeffrey M. Cogen, 6 Braintree Court, Flemington, New Jersey 08822, United States of America, Citizen of United States of America

of the invention entitled:

POLYMERIC COATINGS FOR COATED CONDUCTORS

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 <u>Aland</u> day of <u>January</u> , 20 13
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC
SEAL By: Chylogy Man of HT
CHARLES J. MAURER III
Secretary
NOTARIAL CERTIFICATE (Limited Liability Company)
UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this <u>aard</u> day of <u>January</u> , 2013, 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.

Rebecca Sue Hollingshead NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES November 25, 2018

> **PATENT** REEL: 041191 FRAME: 0717

RECORDED: 02/07/2017

SEAL