PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3236226

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BUO CHEN	11/11/2010
CHESTER J. KMIEC	11/15/2010
JEFFREY M. COGEN	11/11/2010

RECEIVING PARTY DATA

Name:	e: 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:	13821633

CORRESPONDENCE DATA

Fax Number: (414)223-5000

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: 4149785559

Email: jpolmatier@whdlaw.com **Correspondent Name:** JERE L POLMATIER

Address Line 1:WHYTE HIRSCHBOECK DUDEK SCAddress Line 2:555 EAST WELLS STREET, SUITE 1900

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	DOW-36685-A-US
NAME OF SUBMITTER:	JERE L. POLMATIER
SIGNATURE:	/jlp/
DATE SIGNED:	02/23/2015

Total Attachments: 3

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PATENT 503189609 REEL: 035003 FRAME: 0214

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

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: FLEXIBLE STRENGTH MEMBERS FOR WIRE CABLES

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 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
61/387,581	September 29, 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.

At: P.SCATELLAN, UI

Subscribed and Declared by me/us:

At: PISCATAWAY, NJ

this $1/7$ day of $1/2$ 0 0	this 1574 day of Wivember, 2010
Effective as of September 29, 2010	Effective as of September 29, 2010
	1 11
Signature: (honder)	Signature: Office Symuce
Full Name: Buo Chen	Full Name: Chester J. Kmiec
Residence: 73 Perrine Pike	Residence: 322 Brainards Road
Hillsborough, New Jersey 08844	Phillipsburg, New Jersey
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
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: Piscataway, NJ	At:
this // day of Klovember, 20 10	this, 20
Effective as of September 29, 2010	
Signature: C	Signature:
Full Name: Jeffrey M. Cogen	Full Name:
Residence: 6 Braintree Court	Residence:
Flemington, New Jersey 08822	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: Union Carbide Corporation	Employed By:
Employed By: Union Carbide Corporation Of Country: United States of America	Employed By: Of Country:

() Addit

	NOTARIAL CE	RTIFICATE (Individual)
UNITED STATES STATE OF NEW County/Parish of	JERSEY) SS	
On this 11th da		personally appeared before me
known or identified and acknowledged	to me to be the individual of	Buo Chen lescribed in and who executed the foregoing document ed for uses and purposes therein expressed.
SEAL My	Carol Patton Notary Public Comm. Expires - May 20, 20 ^o State of New Jersey	Carol Patton
	NOTARIAL CEI	RTIFICATE (Individual)
UNITED STATES STATE OF NEW. County/Parish of \(\int \)	ERSEY,) SS	
On this 15th da		20 \ , personally appeared before me,
	to me to be the individual d	escribed in and who executed the foregoing document ged for uses and purposes therein expressed.
SEAL My	Carol Patton Notary Public Comm. Expires - May 20, 201 State of New Jersey	Card Patton
	NOTARIAL CER	TIFICATE (Individual)
UNITED STATES STATE OF NEW J County/Parish of <u>[</u>	ERSEY) SS	
On this <u>114h</u> day	of November	, 20 o, personally appeared before me,
	to me to be the individual de	y M. Cogen escribed in and who executed the foregoing document ed for uses and purposes therein expressed.
SEAL	Carol Patton	Carol Patton

Carol Patton
Notary Public
My Comm. Expires - May 20, 2014
State of New Jersey

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 11, 2010; November 15, 2010; with an effective date as of September 29, 2010

From, the ASSIGNOR: Buo Chen, 73 Perrine Pike, Hillsborough, New Jersey 08844, United States of America, Citizen of United States of America; Chester J. Kmiec, 322 Brainards Road, Phillipsburg, New Jersey, United States of America, Citizen of United States of America; 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:

Signed at

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States of America.

FLEXIBLE STRENGTH MEMBERS FOR WIRE CABLES

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.

this 18 day of 9	<u>venber</u> , 20 10
CORP. SEAL	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC By: Maurer III Secretary
NOTARIAI	CERTIFICATE (Corporation)
UNITED STATES OF AM	ERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this $\frac{18}{}$ day of $\frac{7}{}$	November, 20/0, personally appeared
before me, CHARLES J. MA	URER III, Secretary,
	he individual described in and who executed the foregoing documer free act and deed for uses and purposes therein expressed by

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.

authority of the said Corporation incorporated under the laws of the State of Delaware, United

SEAL

Jane M. Neitzel

NOTARY PUBLIC, 3-4 COUNTY, MICHIGAN
ACTING IN MIDJAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES SEPTEMBER 26, 2013

PATENT REEL: 035003 FRAME: 0217

RECORDED: 02/23/2015