

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert J Jorgensen	08/16/2010
Dale A Wright	08/16/2010
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:	12701153
CORRESPONDENCE DATA	
Fax Number:	(979)238-0878
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	979-238-1087
Email:	Chilcote@Dow.com
Correspondent Name:	Jenna Chilcote
Address Line 1:	2301 N. Brazosport Blvd
Address Line 2:	118A
Address Line 4:	Freeport, TEXAS 77541
ATTORNEY DOCKET NUMBER:	68157-US-NP
NAME OF SUBMITTER:	Jenna Chilcote
Total Attachments: 3 source=68157-US-NP_20110616_JMT_68517_Inventors_to_Union_Carbide#page1.tif source=68157-US-NP_20110616_JMT_68517_Inventors_to_Union_Carbide#page2.tif source=68157-US-NP_20110616_JMT_68517_Inventors_to_Union_Carbide#page3.tif	

CH \$40.00 12701153

This Assignment (110) is in the ENGLISH language and has the same meaning in other languages with the same 110 number and RDN.

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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: **ETHYLENE-BASED POLYMERS AND COMPOSITIONS, METHODS OF MAKING THE SAME AND ARTICLES PREPARED THEREFROM**

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 trustees(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
61/150,472	February 6, 2009	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 recording 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: South Charleston, WV
 this 16th day of August, 2010
 Effective as of February 6, 2009

Signature: [Signature]
 Full Name: Robert J. Johnson
 Residence: 234 Beechwood Estates
 Scott Depot, West Virginia 25560
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: Union Carbide Corporation
 Of Country: United States of America

At: South Charleston, WV
 this 16th day of August, 2010
 Effective as of February 6, 2009

Signature: [Signature]
 Full Name: Dale A. Wright
 Residence: 5501 Washington Ave. S E
 Charleston, West Virginia 25304-2331
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: Union Carbide Corporation
 Of Country: United States of America

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 Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/B file

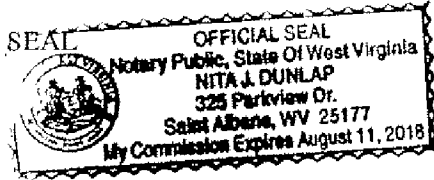
FORM 220

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF WEST VIRGINIA) SS
County/Parish of Kanawha)

On this 16th day of August, 2010, personally appeared before me,
Robert J. Jorgensen

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.



Nita J. Dunlap

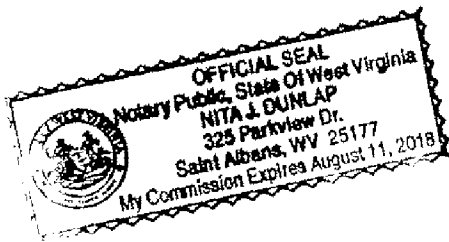
NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF WEST VIRGINIA) SS
County/Parish of Kanawha)

On this 16th day of August, 2010, personally appeared before me,
Dale A. Wright

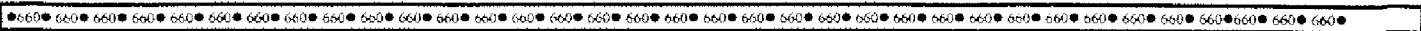
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL



Nita J. Dunlap

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: August 16, 2010;effective as of February 6, 2009

From, the ASSIGNOR: Robert J. Jorgensen, 234 Beechwood Estates, Scott Depot, West Virginia 25560, United States of America. Citizen of United States of America and Dale A. Wright, 5501 Washington Ave. S E, Charleston, West Virginia 25304-2331, United States of America, Citizen of United States of America

of the invention entitled:

ETHYLENE-BASED POLYMERS, METHODS OF MAKING THE SAME AND ARTICLES PREPARED THEREFROM

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 1 day of February, 20 11

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC

CORP.
SEAL

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

NOTARIAL CERTIFICATE (Limited Liability Company)

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

On this 1 day of February, 20 11, personally appeared before me, **CHARLES J. MAURER III**,

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 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 MICHIGAN COUNTY MICHIGAN
MY COMMISSION EXPIRES SEPTEMBER 26, 2013

PATENT