

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2597080

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MEHMET DEMIRORS</td> <td>03/12/2012</td> </tr> <tr> <td>TERESA P. KARJALA</td> <td>02/27/2012</td> </tr> <tr> <td>JOHN O. OSBY</td> <td>03/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	MEHMET DEMIRORS	03/12/2012	TERESA P. KARJALA	02/27/2012	JOHN O. OSBY	03/06/2012
Name	Execution Date								
MEHMET DEMIRORS	03/12/2012								
TERESA P. KARJALA	02/27/2012								
JOHN O. OSBY	03/06/2012								
RECEIVING PARTY DATA									
Name:	DOW GLOBAL TECHNOLOGIES LLC								
Street Address:	2040 DOW CENTER								
City:	MIDLAND								
State/Country:	MICHIGAN								
Postal Code:	48674								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13394494</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13394494				
Property Type	Number								
Application Number:	13394494								
CORRESPONDENCE DATA									
Fax Number:	(414)223-5000								
Phone:	4149785559								
Email:	jpolmatier@whdlaw.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	JERE L POLMATIER								
Address Line 1:	WHYTE HIRSCHBOECK DUDEK SC								
Address Line 2:	555 EAST WELLS STREET, SUITE 1900								
Address Line 4:	MILWAUKEE, WISCONSIN 53202								
ATTORNEY DOCKET NUMBER:	68790-US-PCT								
NAME OF SUBMITTER:	JERE L. POLMATIER								
Signature:	/jlp/								

Date:

10/30/2013

Total Attachments: 4

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FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verify 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: **POLYMERS COMPRISING UNITS DERIVED FROM ETHYLENE AND POLY(ALKOXIDE)**

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

Dow Global Technologies LLC
2040 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
PC/F/US2010/048821	September 14, 2010	International

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 Notarized 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 _____ this <u>12th</u> day of <u>March</u> , 20 <u>12</u> Effective as of September 14, 2010	At _____ this _____ day of _____, 20____ Effective as of September 14, 2010
Signature: <u>M. Demirors</u>	Signature: _____
Full Name: Mehmet Demirors	Full Name: Teresa P. Karjala
Residence: 2319 Bending Spring Drive Pearland, Texas 77584 UNITED STATES OF AMERICA	Residence: 56 Mandevilla Court Lake Jackson, Texas 77566 UNITED STATES OF AMERICA
Country: United States of America	Country: United States of America
Citizenship: Netherlands	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America

At _____ this _____ day of _____, 20____ Effective as of September 14, 2010	At _____ this _____ day of _____, 20____ Effective as of September 14, 2010
Signature: _____	Signature: _____
Full Name: John O Osby	Full Name: _____
Residence: 109 Catalpa Street Lake Jackson, Texas 77566 UNITED STATES OF AMERICA	Residence: _____
Country: United States of America	Country: _____
Citizenship: United States of America	Citizenship: _____
P.O. Address: Same as Residence	P.O. Address: _____
Employed By: The Dow Chemical Company	Employed By: _____
Of Country: United States of America	Of Country: _____

At _____ this _____ day of _____, 20____ Effective as of September 14, 2010	At _____ this _____ day of _____, 20____ Effective as of September 14, 2010
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: _____

() Additional names and signatures are attached

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/D date.

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FORM 110 (R. 5-97)

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Dow Global Technologies LLC
2040 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

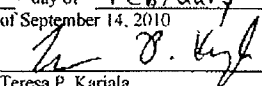
Priority Number	Filing Date	Filing Country
PCT/US2010/048821	September 14, 2010	International

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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: Freeport, Texas 77541, USA
this _____ day of _____, 20_____
Effective as of September 14, 2010
Signature: _____
Full Name: Mehmet Demiros
Residence: 2319 Bending Spring Drive Pearland, Texas 77584 UNITED STATES OF AMERICA
Country: United States of America
Citizenship: Netherlands
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this <u>27th</u> day of <u>February</u> , 20 <u>12</u>
Effective as of September 14, 2010
Signature: 
Full Name: Teresa P. Karjala
Residence: 56 Mandevilla Court Lake Jackson, Texas 77566 UNITED STATES OF AMERICA
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20_____
Effective as of September 14, 2010
Signature: _____
Full Name: John O. Osby
Residence: 109 Catalpa Street Lake Jackson, Texas 77566 UNITED STATES OF AMERICA
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: _____
this _____ day of _____, 20_____
Effective as of _____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

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Dow Global Technologies LLC
 2040 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

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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.

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Subscribed and Declared by me/us:

At: Freeport, Texas 77541, USA
 this day of , 20
 Effective as of September 14, 2010

Signature: _____
 Full Name: Mehmet Demirs
 Residence: 2319 Bending Spring Drive
 Pearland, Texas 77584
 UNITED STATES OF AMERICA
 Country: United States of America
 Citizenship: Netherlands
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Freeport, Texas 77541, USA
 this day of , 20
 Effective as of September 14, 2010

Signature: _____
 Full Name: Teresa P. Karjala
 Residence: 56 Mandevilla Court
 Lake Jackson, Texas 77566
 UNITED STATES OF AMERICA
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Freeport, Texas 77541, USA
 this 6th day of March, 20 12
 Effective as of September 14, 2010

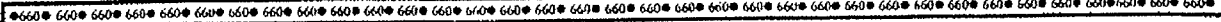
Signature: John O. Osby
 Full Name: John O. Osby
 Residence: 109 Catalpa Street
 Lake Jackson, Texas 77566
 UNITED STATES OF AMERICA
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: _____
 this _____ day of _____, 20 _____
 Effective as of _____

Signature: _____
 Full Name: _____
 Residence: _____
 Country: _____
 Citizenship: _____
 P.O. Address: _____
 Employed By: _____
 Of Country: _____

() Additional names and signatures are attached.

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: March 12, 2012, February 27, 2012 and March 6, 2012; effective as of September 14, 2010

From, the ASSIGNOR: Mehmet Demirors, 2319 Bending Spring Drive, Pearland, Texas 77584, United States of America, Citizen of Netherlands; Teresa P. Karjala, 56 Mandevilla Court, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; and John O. Osby, 109 Catalpa Street, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America

of the invention entitled:

POLYMERS COMPRISING UNITS DERIVED FROM ETHYLENE AND POLY(ALKOXIDE)

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 13 day of March, 20 12

CORP.
SEAL

DOW GLOBAL TECHNOLOGIES LLC

By:
JOHN B. TREANGEN
Authorized Representative

NOTARIAL CERTIFICATE (Limited Liability Company)

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

On this 13 day of March, 20 12, personally appeared before me, **JOHN B. TREANGEN, 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 **January 6, 2011**, 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

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

PATENT