

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3539089

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TERESA P KARJALA	09/16/2013
LORI L KARDOS	09/25/2013
WALLACE W YAU	09/17/2013
JOSE ORTEGA	09/17/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOW GLOBAL TECHNOLOGIES LLC
<b>Street Address:</b>	2040 DOW CENTER
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14578654
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(979)238-7055
<i>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.</i>	
<b>Phone:</b>	979-238-1087
<b>Email:</b>	JLBoyd@Dow.com
<b>Correspondent Name:</b>	JENNA BOYD
<b>Address Line 1:</b>	2301 N. BRAZOSPORT BLVD
<b>Address Line 4:</b>	FREEPORT, TEXAS 77541
<b>ATTORNEY DOCKET NUMBER:</b>	72812-US-CNT
<b>NAME OF SUBMITTER:</b>	JENNA L. BOYD
<b>SIGNATURE:</b>	/Jenna L. Boyd/
<b>DATE SIGNED:</b>	09/23/2015
<b>Total Attachments: 5</b>	
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This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.



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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: September 16, 2013; September 25, 2013; September 17, 2013; September 17, 2013; and September 9, 2013; effective as of September 28, 2012.

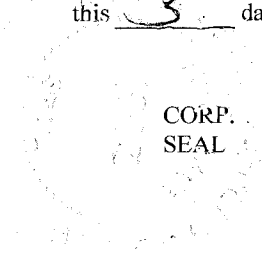
From, the ASSIGNOR: Teresa P. Karjala, 56 Mandevilla Court, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; Lori L. Kardos, 15 Sarahs Cove, Sugar Land, Texas 77479, United States of America, Citizen of United States of America; Wallace W. Yau, 7755 Tim Tam Ave, Las Vegas, Nevada 89178, United States of America, Citizen of United States of America; Jose Ortega, 202 Beechwood, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; and Alfred E. Vigil, Jr., 5012 Academy Street, Houston, Texas 77005, United States of America, Citizen of United States of America

of the invention entitled:

**ETHYLENE-BASED POLYMERS AND PROCESSES TO MAKE THE SAME**

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 3 day of October, 2013



**DOW GLOBAL TECHNOLOGIES LLC**

By: *Susan M Zerull*  
**SUSAN M. ZERULL**  
**Authorized Representative**

## NOTARIAL CERTIFICATE

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

On this 3 day of October, 2013, personally appeared before me, **SUSAN M. ZERULL, 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 entity organized and existing under the laws of **the State of Delaware, United States of America**.

I further certify that said authority, dated **June 1, 2012**, 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 entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL



*Kathy Sue Wertz*  
NOTARY PUBLIC  
*Kathy Sue Wertz*  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018



This Assignment 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: **ETHYLENE-BASED POLYMERS AND PROCESSES TO MAKE THE SAME**

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  
United States of America

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
61/707,342	September 28, 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 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: <u>Freeport, Texas 77541 USA</u>
this _____ day of _____, 20 _____
Effective as of September 28, 2012
Signature: _____
Full Name: Teresa P. Karjala
Residence: 56 Mandevilla Court Lake Jackson, Texas 77566
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: <u>Freeport, Texas 77541 USA</u>
this <u>25<sup>th</sup></u> day of <u>September</u> , 20 <u>13</u>
Effective as of September 28, 2012
Signature: <u>Lori L. Kardos</u>
Full Name: Lori L. Kardos
Residence: 15 Sarahs Cove Sugar Land, Texas 77479
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 September 28, 2012
Signature: _____
Full Name: Wallace W. Yau
Residence: 7755 Tim Tam Ave Las Vegas, Nevada 89178
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 the time the invention was made

At: <u>Freeport, Texas 77541 USA</u>
this _____ day of _____, 20 _____
Effective as of September 28, 2012
Signature: _____
Full Name: Jose Ortega
Residence: 202 Beechwood Lake Jackson, Texas 77566
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

( X ) 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/Date.



This Assignment 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: **ETHYLENE-BASED POLYMERS AND PROCESSES TO MAKE THE SAME**

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  
United States of America

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
61/707,342	September 28, 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 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: <u>Freeport, Texas 77541 USA</u> this _____ day of _____, 20____ Effective as of September 28, 2012  Signature: _____ Full Name: Teresa P. Karjala Residence: 56 Mandevilla Court Lake Jackson, Texas 77566 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
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At: <u>Freeport, Texas 77541 USA</u> this _____ day of _____, 20____ Effective as of September 28, 2012  Signature: _____ Full Name: Lori L. Kardos Residence: 15 Sarahs Cove Sugar Land, Texas 77479 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
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At: <u>Las Vegas, Nevada 89178 USA</u> this <u>17</u> day of <u>September</u> , 20 <u>13</u> Effective as of September 28, 2012  Signature: <u>Wallace W. Yau</u> Full Name: Wallace W. Yau Residence: 7755 Tim Tam Ave Las Vegas, Nevada 89178 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 the time the invention was made
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At: <u>Freeport, Texas 77541 USA</u> this _____ day of _____, 20____ Effective as of September 28, 2012  Signature: _____ Full Name: Jose Ortega Residence: 202 Beechwood Lake Jackson, Texas 77566 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
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( X ) Additional names and signatures are attached.

