

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3834644

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
COLIN LIPISHAN	05/15/2014
THOMAS W. KARJALA	05/01/2014
MICHAEL L. SMITH	06/17/2014
LIAM P. SPENCER	05/12/2014
JERZY KLOSIN	04/30/2014
<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>	14367478
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(989)636-3237
<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>	9896331963
<b>Email:</b>	fglmfrr@dow.com
<b>Correspondent Name:</b>	BARB STIEVE
<b>Address Line 1:</b>	2040 DOW CENTER
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	72156-US-PCT
<b>NAME OF SUBMITTER:</b>	BARB STIEVE
<b>SIGNATURE:</b>	/Barb Stieve/
<b>DATE SIGNED:</b>	04/18/2016
<b>Total Attachments: 6</b>	
source=72156-US-PCT 20160418 Inventors to DGTL#page1.tif	

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source=72156-US-PCT 20160418 Inventors to DGTL#page5.tif  
source=72156-US-PCT 20160418 Inventors to DGTL#page6.tif



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.  
 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.  
 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/ALPHA-OLEFIN/NONCONJUGATED POLYENE INTERPOLYMERS AND PROCESSES TO FORM 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
PCT/US12/70859	December 20, 2012	PCT (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.

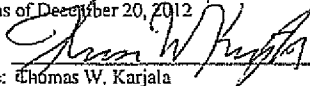
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power 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 December 20, 2012

Signature: \_\_\_\_\_  
 Full Name: Colin Lipishan  
 Residence: 11200 Broadway St  
 Apartment 4108  
 Pearland, Texas 77584  
 UNITED STATES OF AMERICA  
 Country: United States of America  
 Citizenship: Canada  
 P.O. Address: Same as Residence  
 Employed By: The Dow Chemical Company  
 Of Country: United States of America

At: Freeport, Texas 77541 USA  
 this 15<sup>th</sup> day of May, 2014  
 Effective as of December 20, 2012

Signature:   
 Full Name: Thomas W. 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: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of December 20, 2012

Signature: \_\_\_\_\_  
 Full Name: Michael L. Smith  
 Residence: 101 Mist Flower 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 the time the invention was made.

At: Freeport, Texas 77541 USA  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of December 20, 2012

Signature: \_\_\_\_\_  
 Full Name: Liam P. Spencer  
 Residence: 2602 Joshua Tree Lane  
 Manvel, Texas 77578  
 UNITED STATES OF AMERICA  
 Country: United States of America  
 Citizenship: Canada  
 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, Invention, or PCT Filing, and/or the same, hereby is filed in accordance with the laws of the United States and PCT law.  
 This Assignment, Invention, or PCT Filing, and/or the same, hereby is filed in accordance with the laws of the United States and PCT law.  
 This Assignment, Invention, or PCT Filing, and/or the same, hereby is filed in accordance with the laws of the United States and PCT law.  
 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/ALPHA-OLEFIN/NONCONJUGATED POLYENE INTERPOLYMERS AND PROCESSES TO FORM 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
PCT/US12 70859	December 20, 2012	PCT (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 in 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: Freeport, Texas 77541 USA  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of December 20, 2012

Signature: \_\_\_\_\_  
 Full Name: Colin LiPiShan  
 Residence: 11200 Broadway St  
 Apartment 4108  
 Pearland, Texas 77584  
 UNITED STATES OF AMERICA  
 Country: United States of America  
 Citizenship: Canada  
 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 December 20, 2012

Signature: \_\_\_\_\_  
 Full Name: Thomas W. 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: Awarth GA 30101 USA  
 this 17th day of June, 2014  
 Effective as of December 20, 2012

Signature: Michael L. Smith  
 Full Name: Michael L. Smith  
 Residence: 401 Miss Flower Street 5653 Fallsbrook Trce  
Lake Jackson, Texas 77566 Awarth GA 30101  
 UNITED STATES OF AMERICA mes co 119 114  
 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: Freeport, Texas 77541 USA  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of December 20, 2012

Signature: \_\_\_\_\_  
 Full Name: Liam P. Spencer  
 Residence: 2692 Joshua Tree Lane  
 Marvet, Texas 77578  
 UNITED STATES OF AMERICA  
 Country: United States of America  
 Citizenship: Canada  
 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.



At: Midland MI 48674, USA  
this 30 day of April, 20 14  
Effective as of December 20, 2012  
Signature: *Jerzy Ktosin*  
Full Name: Jerzy Ktosin  
Residence: 2209 Parkwood Drive  
Midland, Michigan 48642  
UNITED STATES OF AMERICA  
Country: United States of America  
Citizenship: Poland  
P.O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

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

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number

• 660 • 660 • 661 • 662 • 663 • 664 • 665 • 666 • 667 • 668 • 669 • 670 • 671 • 672 • 673 • 674 • 675 • 676 • 677 • 678 • 679 • 680 • 681 • 682 • 683 • 684 • 685 • 686 • 687 • 688 • 689 • 690 • 691 • 692 • 693 • 694 • 695 • 696 • 697 • 698 • 699 • 700 •

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 which is dated: May 15, 2014; May 1, 2014; June 17, 2014; May 12, 2014; and April 30, 2014; effective as of December 20, 2012.

From, the ASSIGNOR: Colin LiPiShan, 11200 Broadway St. Apartment 4108, Pearland, Texas 77584, United States of America, Citizen of Canada; Thomas W. Karjala, 56 Mandevilla Court, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; Michael L. Smith, 101 Mist Flower Street, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; Liam P. Spencer, 2602 Joshua Tree Lane, Manvel, Texas 77578, United States of America, Citizen of Canada; and Jerzy Klosin, 2209 Parkwood Drive, Midland, Michigan 48642, United States of America, Citizen of Poland

of the invention entitled:

**ETHYLENE/ALPHA-OLEFIN/NONCONJUGATED POLYENE INTERPOLYMERS AND PROCESSES TO FORM 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 1 day of August, 20 14

**DOW GLOBAL TECHNOLOGIES LLC**

CORP.  
SEAL

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 1 day of August, 2014, 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, 2014, 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*

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

**PATENT**