

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4910895

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEAN W. EWART	03/03/2015
RICHARD J. KEATON	03/09/2015
JERZY KLOSIN	03/04/2015
RUTH FIGUEROA	03/04/2015
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	
Property Type	Number
Application Number:	15310553
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	9792381087
Email:	jlboyd@dow.com
Correspondent Name:	JENNA BOYD
Address Line 1:	P.O. BOX 1967
Address Line 4:	MIDLAND, MICHIGAN 48641
ATTORNEY DOCKET NUMBER:	75584-US-PCT
NAME OF SUBMITTER:	JENNA L. BOYD
SIGNATURE:	/Jenna L. Boyd/
DATE SIGNED:	04/11/2018
Total Attachments: 4	
source=75584 Assignments#page1.tif	
source=75584 Assignments#page2.tif	
source=75584 Assignments#page3.tif	

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 which is dated: March 3, 2015; March 9, 2015; March 4, 2015; and March 4, 2015; effective as of July 24, 2014.

From the ASSIGNOR: Sean W. Ewart, 3015 Chance Court, Pearland, Texas 77584, United States of America, Citizen of Canada; Richard J. Keaton, 3615 Hanover Circle, Pearland, Texas 77584, United States of America, Citizen of United States of America; Jerzy Klosin, 2209 Parkwood Drive, Midland, Michigan 48642, United States of America, Citizen of United States of America; and Ruth Figueroa, 1490 Riverchase, Midland, Michigan 48640, United States of America, Citizen of United States of America

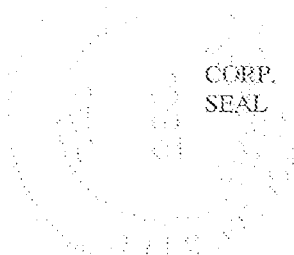
of the invention entitled:

BIS-BIPHENYLPHENOXY CATALYSTS FOR POLYMERIZATION OF LOW MOLECULAR WEIGHT ETHYLENE-BASED POLYMERS

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 26 day of March, 20 15



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 26 day of March, 20 15, 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
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.



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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: **BIS-BIPHENYLPHENOXY CATALYSTS FOR POLYMERIZATION OF LOW MOLECULAR WEIGHT ETHYLENE-BASED POLYMERS**

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

an entity 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
62/028,637	July 24, 2014	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 Tx</u> this <u>3rd</u> day of <u>March</u> , 20 <u>15</u> Effective as of July 24, 2014
Signature: <u>Stewart</u> Full Name: Sean W. Ewart Residence: 3015 Chance Court Pearland, Texas 77584 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: _____ this _____ day of _____, 20 _____ Effective as of July 24, 2014
Signature: _____ Full Name: Richard J. Keaton Residence: 3615 Hanover Circle Pearland, Texas 77584 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 July 24, 2014
Signature: _____ Full Name: Jerzy Klosin Residence: 2209 Parkwood Drive Midland, Michigan 48642 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 July 24, 2014
Signature: _____ Full Name: Ruth Figueroa Residence: 1490 Riverchase Midland, Michigan 48640 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

() Additional names and signatures are attached.

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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

an entity 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

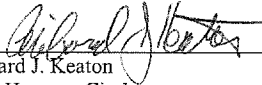
Priority Number	Filing Date	Filing Country
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of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in 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.

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: _____ this _____ day of _____, 20____ Effective as of July 24, 2014 Signature: _____ Full Name: Sean W. Ewart Residence: 3015 Chance Court Pearland, Texas 77584 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
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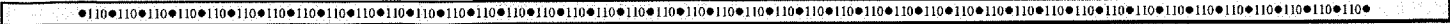
At: _____ this <u>09</u> day of <u>March</u> , 20 <u>15</u> Effective as of July 24, 2014 Signature:  Full Name: Richard J. Keaton Residence: 3615 Hanover Circle Pearland, Texas 77584 Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence Employed By: The Dow Chemical Company Of Country: United States of America

At: _____ this _____ day of _____, 20____ Effective as of July 24, 2014 Signature: _____ Full Name: Jerzy Klosin Residence: 2209 Parkwood Drive Midland, Michigan 48642 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 July 24, 2014 Signature: _____ Full Name: Ruth Figueroa Residence: 1490 Riverchase Midland, Michigan 48640 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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2040 Dow Center
Midland, Michigan 48674
United States of America

an entity 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

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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: _____ this _____ day of _____, 20____ Effective as of July 24, 2014 Signature: _____ Full Name: Sean W. Ewart Residence: 3015 Chance Court Pearland, Texas 77584 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
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At: _____ this _____ day of _____, 20____ Effective as of July 24, 2014 Signature: _____ Full Name: Richard J. Keaton Residence: 3615 Hanover Circle Pearland, Texas 77584 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>Midland MI</u> this <u>4</u> day of <u>March</u> , 20 <u>15</u> Effective as of July 24, 2014 Signature: <u>[Signature]</u> Full Name: Jerzy Klosin Residence: 2209 Parkwood Drive Midland, Michigan 48642 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>midland MI</u> this <u>4</u> day of <u>March</u> , 20 <u>15</u> Effective as of July 24, 2014 Signature: <u>[Signature]</u> Full Name: Ruth Figueroa Residence: 1490 Riverchase Midland, Michigan 48640 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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