

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6008025

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRYAN D. STUBBERT	02/21/2018
ARKADY L. KRASOVSKIY	03/12/2018
TULAZA VAIDYA	03/15/2018
JERZY KLOSIN	03/08/2018
EDMUND M. CARNAHAN	02/21/2018
PHILIP P. FONTAINE	03/09/2018
MARI S. ROSEN	03/07/2018
DAVID R. WILSON	03/07/2018
RECEIVING PARTY DATA	
Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2211 H.H. DOW WAY
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16646228
CORRESPONDENCE DATA	
Fax Number:	(937)449-6405
<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:	9374496400
Email:	daytonipdocket@dinsmore.com
Correspondent Name:	DINSMORE & SHOHL LLP
Address Line 1:	ONE SOUTH MAIN STREET
Address Line 2:	FIFTH THIRD CENTER, SUITE 1300
Address Line 4:	DAYTON, OHIO 45402
ATTORNEY DOCKET NUMBER:	80768-US-PCT/DOW 80768 PA
NAME OF SUBMITTER:	KATHERINE GHEARING
SIGNATURE:	/Katherine Ghearing/

PATENT

DATE SIGNED:	03/11/2020
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Total Attachments: 8

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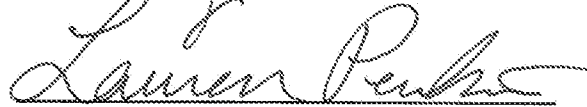
TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Lake Jackson, Texas, 77566, USA

this 13th day of February 20 20



Lauren Perkins
Office Professional
THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATE

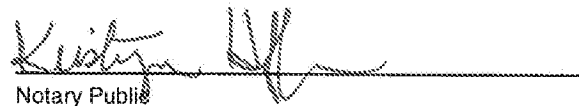
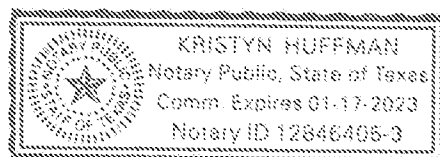
UNITED STATES OF AMERICA)
STATE OF Texas) SS
County/Parish of Brazoria)

On this 13th day of February 20 20, personally
appeared before me,

Lauren Perkins

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

SEAL


Notary Public


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-PHENYL-PHENOXYPOLYOLEFIN CATALYSTS HAVING A METHYLENEDIACETALIC SILICON LIGAND ON THE METAL FOR IMPROVED SOLUBILITY**

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
62/565,775	September 29, 2017	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 equivalents 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 concur 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 or hereafter made by any person.

Subscribed and Declared by me/us:

At Midland, MI 48674 USA
 this 21st day of February, 20 18
 Effective as of September 29, 2017
 Signature [Signature]
 Full Name Bryan D. Stubbert
 Mailing Address 1776 Building
Midland, Michigan 48674
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature _____
Full Name Arkady L. Krasovskiy
Mailing Address 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At _____
this _____ day of _____, 20 _____
Effective as of September 29, 2017

Signature _____
Full Name Tulaza Vaidya
Mailing Address 400 Arcola Road
Collegeville, Pennsylvania 19426
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature _____
Full Name: Jerzy Klosin
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America

At _____
this _____ day of _____, 20 _____
Effective as of September 29, 2017

Signature _____
Full Name: Edmund M. Carnahan
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017
Signature _____
Full Name: Philip P. Fontaine
Mailing Address 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

☒ 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: **BIS-PHENYL-PHENOLY POLYOLEFIN CATALYSTS HAVING A METHYLENETRIALKYLSILICON LIGAND ON THE METAL FOR IMPROVED SOLUBILITY**

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

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62/565,775	September 29, 2017	United States of America

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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 in 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 September 29, 2017

Signature: _____
Full Name: Bryan D. Stubbert
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America

At Lake Jackson, Texas
this 12 day of March, 2018
Effective as of September 29, 2017

Signature: _____
Full Name: Arkady L. Kravitskiy
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Tulaza Vaidya
Mailing Address: 400 Arcola Road
Collegeville, Pennsylvania 19426
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Jerzy Klosin
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Edmund M. Carnahan
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Philip P. Fontaine
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

(X) Additional names and signatures are attached.

[illegible]

This assignment 110 is in the 21st century language and has the same meaning in other languages with the same 110 position and 110/110

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-PHENYL-PHENOXY POLYOLEFIN CATALYSTS HAVING A METHYLENETRIALKYLSILICON LIGAND ON THE METAL FOR IMPROVED SOLUBILITY**

Dow Global Technologies LLC
2040 Dow Center
Midland, Michigan 48674
United States of America

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62/565,775	September 29, 2017	United States of America

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Subscribed and Declared by me/us:

At: _____
 this _____ day of _____, 20____
 Effective as of September 29, 2017

Signature: _____
 Full Name: Bryan D. Stubbett
 Mailing Address: 1776 Building
 Midland, Michigan 48674
 United States of America

At: _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Arkady L. Krasovskiy
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At: Collegeville, PA 19426
 this 15th day of March, 20 18
 Effective as of September 29, 2017
 Signature: [Signature]
 Full Name: Tuliza Vaidya
 Mailing Address: 400 Arcola Road
Collegeville, Pennsylvania 19426
United States of America

At: _____
 this _____ day of _____, 20____
 Effective as of September 29, 2017

Signature: _____
 Full Name: Jerzy Klosin
 Mailing Address: 1776 Building
 Midland, Michigan 48674
 United States of America

At: _____
 this _____ day of _____, 20 _____
 Effective as of September 29, 2017

Signature: _____
 Full Name: Edmund M. Carnahan
 Mailing Address: 230 Abner Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

At: _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Philip P. Fontaine
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

{ X } Additional names and signatures are attached.

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

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At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name Philip P. Fontaine
Mailing Address 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

REEL: 052080 FRAME: 0059

(with Priority Rights)

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Subscribed and Declared by me/us:

At: _____
 this _____ day of _____, 20____
 Effective as of September 29, 2017

Signature: _____
 Full Name: Philip P. Fontaine
 Mailing Address: 230 Abner Jackson Parkway
 Lake Jackson, Texas 77566
 United States of America

(X) Additional names and signatures are attached

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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: **BIS-PHENYL-PHENOXY POLYOLEFIN CATALYSTS HAVING A METHYLENETRIALKYLSILICON LIGAND ON THE METAL FOR IMPROVED SOLUBILITY**

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

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Subscribed and Declared by me/us.

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Bryan D. Stubbart
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Arkady L. Krasovskiy
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Tulaza Vaidya
Mailing Address: 400 Arcola Road
Collegeville, Pennsylvania 19426
United States of America

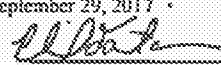
At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Jerzy Klosin
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America

At _____
this _____ day of _____, 20____
Effective as of September 29, 2017

Signature: _____
Full Name: Edmund M. Carnahan
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

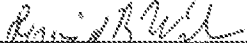
At Lake Jackson, TX
this 9th day of March, 2018
Effective as of September 29, 2017

Signature: 
Full Name: Philip P. Fontaine
Mailing Address: 230 Abner Jackson Parkway
Lake Jackson, Texas 77566
United States of America

(X) Additional names and signatures are attached

Additional names, addresses and signatures to be attached to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At Midland, MI 48674, US
this 3 day of March, 20 18
Effective as of September 29, 2017
Signature: 
Full Name: Mari S. Rosen
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America

At Midland, MI 48674
this 3rd day of March, 20 18
Effective as of September 29, 2017
Signature: 
Full Name: David R. Wilson
Mailing Address: 1776 Building
Midland, Michigan 48674
United States of America