

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5558966

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JERZY KLOSIN	03/17/2016
KARA A. MILBRANDT	03/11/2016
SCOTT D. BOELTER	03/11/2016
DAVID R. WILSON	03/15/2016
MARI S. ROSEN	03/11/2016
DEAN M. WELSH	03/15/2016
PETER M. MARGL	03/11/2016
KYOUNG MOO KOH	03/11/2016
DAVID M. PEARSON	03/11/2016
RAFAEL HUACUJA	03/14/2016
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:	15557875
CORRESPONDENCE DATA	
Fax Number:	(612)659-9344
<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:	6126599340
Email:	Dow.Docketing@bipl.net
Correspondent Name:	BROOKS, CAMERON & HUEBSCH, PLLC
Address Line 1:	1201 MARQUETTE AVENUE SOUTH
Address Line 2:	SUITE 400
Address Line 4:	MINNEAPOLIS, MINNESOTA 55403
ATTORNEY DOCKET NUMBER:	78895-US-PCT

PATENT

NAME OF SUBMITTER:	ALEXANDER MARQUARDT
SIGNATURE:	/ALEXANDER MARQUARDT/
DATE SIGNED:	06/06/2019
Total Attachments: 6 source=00732926#page1.tif source=00732926#page2.tif source=00732926#page3.tif source=00732926#page4.tif source=00732926#page5.tif source=00732926#page6.tif	

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 27th day of July 20 17

Lauren Perkins

**Lauren Perkins
Office Professional
THE DOW CHEMICAL COMPANY**

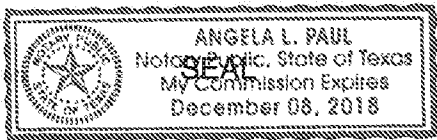
NOTARIAL CERTIFICATE

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

On this 27th day of July 20 17, 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.



Angela L. Paul
Notary Public

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: **PHOSPHACYCLE COMPOUNDS AND PROCESS FOR PREPARATION THEREOF**

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
PCT/US16/21702	March 10, 2016	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: Midland, Michigan 48674, USA
 this 17 day of March, 20 16
 Effective as of March 10, 2016
 Signature: [Signature]
 Full Name: Jerzy Klosin
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

At: Midland, Michigan 48674, USA
 this 11 day of March, 20 16
 Effective as of March 10, 2016
 Signature: [Signature]
 Full Name: Kara A. Milbrandt
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

At: Midland, Michigan 48674, USA
 this 11 day of March, 20 16
 Effective as of March 10, 2016
 Signature: [Signature]
 Full Name: Scott D. Boelter
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

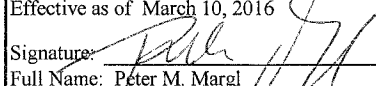
At: Midland, Michigan 48674, USA
 this 15th day of March, 20 16
 Effective as of March 10, 2016
 Signature: [Signature]
 Full Name: David R. Wilson
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

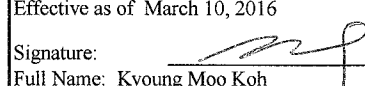
At: Midland, Michigan 48674, USA
 this 11 day of March, 20 16
 Effective as of March 10, 2016
 Signature: [Signature]
 Full Name: Mari S. Rosén
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

At: Midland, Michigan 48674, USA
 this 15th day of March, 20 16
 Effective as of March 10, 2016
 Signature: [Signature]
 Full Name: Dean M. Welsh
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 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, Michigan 48674, USA
 this 11 day of March, 20 16
 Effective as of March 10, 2016
 Signature: 
 Full Name: Peter M. Margl
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

At: Midland, Michigan 48674, USA
 this 11 day of March, 20 16
 Effective as of March 10, 2016
 Signature: 
 Full Name: Kyoung Moo Koh
 Mailing Address: 1776 Washington Street
 Midland, Michigan 48674
 United States of America

At: Freeport, Texas 77541, USA
 this _____ day of _____, 20 _____
 Effective as of March 10, 2016
 Signature: _____
 Full Name: David M. Pearson
 Mailing Address: 2301 North Brazosport Boulevard B-1814
 Freeport, Texas 77541
 United States of America

At: Freeport, Texas 77541, USA
 this _____ day of _____, 20 _____
 Effective as of March 10, 2016
 Signature: _____
 Full Name: Rafael Huacuja
 Mailing Address: 2301 North Brazosport Boulevard, B-1814
 Freeport, Texas 77541
 United States of America


At: _____ Midland, Michigan 48674, USA
this _____ day of _____, 20 _____
Effective as of March 10, 2016

Signature: _____
Full Name: Peter M. Margl
Mailing Address: 1776 Washington Street
Midland, Michigan 48674
United States of America


At: _____ Midland, Michigan 48674, USA
this _____ day of _____, 20 _____
Effective as of March 10, 2016

Signature: _____
Full Name: Kyoung Moo Koh
Mailing Address: 1776 Washington Street
Midland, Michigan 48674
United States of America

At: _____ Freeport, Texas 77541, USA
this 11 day of March, 20 16
Effective as of March 10, 2016

Signature: 
Full Name: David M. Pearson
Mailing Address: 2301 North Brazosport Boulevard B-1814
Freeport, Texas 77541
United States of America

At: _____ Freeport, Texas 77541, USA
this 14 day of March, 20 16
Effective as of March 10, 2016

Signature: 
Full Name: Rafael Huacuja
Mailing Address: 2301 North Brazosport Boulevard, B-1814
Freeport, Texas 77541
United States of America

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 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: **A PROCESS FOR SELECTIVELY OLIGOMERIZING AN OLEFIN AND OLEFIN OLIGOMERIZATION CATALYST SYSTEMS USED THEREIN**

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

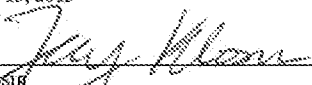
Priority Number	Filing Date	Filing Country
62/133,016	March 13, 2015	United States of America

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.

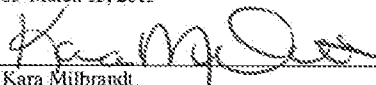
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recording of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power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

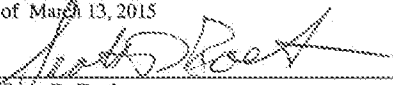
At: Midland, Michigan 48674
 this 6 day of October, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: Jerzy Klosik
 Residence: Bldg. 1776, Washington Street
Midland, Michigan 48674
 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

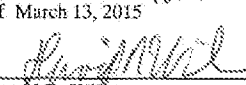
At: Midland, Michigan 48674
 this 1st day of October, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: Kara Milbrandt
 Residence: Bldg. 1776, Washington Street
Midland, Michigan 48674
 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: Midland, Michigan 48674
 this 1st day of October, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: Scott D. Hoelter
 Residence: Bldg. 1776, Washington Street
Midland, Michigan 48674
 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

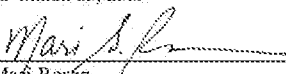
At: Midland, Michigan 48674
 this 1st day of October, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: David R. Wilson
 Residence: Bldg. 1776, Washington Street
Midland, Michigan 48674
 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.

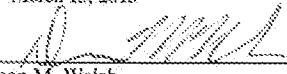
Additional names, addresses and signatures to be attached to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: Midland, Michigan 48674
 this 6th day of October, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: Mari Rosen
 Residence: Bldg. 1776, Washington Street
Midland, Michigan 48674

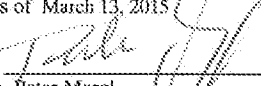
Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

At: Midland, Michigan 48674
 this 15th day of October, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: Dean M. Welsh
 Residence: 1776 Building, Washington Street
1776/E5C
Midland, Michigan 48674

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: Midland, Michigan 48674
 this 15th day of OCTOBER, 20 15
 Effective as of March 13, 2015

Signature: 
 Full Name: Peter Murgl
 Residence: Bldg. 1776, Washington Street.
Midland, Michigan 48674

Country: United States of America
 Citizenship: Austria
 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: _____