

PATENT ASSIGNMENT COVER SHEET

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|---|--------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BRAD C. BAILEY | 05/24/2016 |
| MATTHEW D. CHRISTIANSON | 05/24/2016 |
| ANNA V. DAVIS | 05/24/2016 |
| ANDREW M. CAMELIO | 05/24/2016 |
| ROBERT D.J. FROESE | 05/24/2016 |
| JESSICA L. KLINKENBERG | 05/24/2016 |
| 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: | 16089525 |
| 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: | (937)449-6400 |
| Email: | susan.cole@dinsmore.com |
| Correspondent Name: | MATTHEW A. MOLLOY - DINSMORE & SHOHL |
| Address Line 1: | ONE SOUTH MAIN STREET |
| Address Line 2: | FIFTH THIRD CENTER - SUITE 1300 |
| Address Line 4: | DAYTON, OHIO 45402 |
| ATTORNEY DOCKET NUMBER: | 77473-US-PCT |
| NAME OF SUBMITTER: | MATTHEW A. MOLLOY |
| SIGNATURE: | /Matthew A. Molloy/ |
| DATE SIGNED: | 09/28/2018 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |

PATENT

Total Attachments: 2

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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.

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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: **OLEFIN POLYMERIZATION CATALYST**

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 |
|-----------------|----------------|--------------------------|
| 62/316,003 | March 31, 2016 | 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: Midland, Michigan 48674, USA
this 24 day of May, 20 16
Effective as of March 31, 2016
Signature: Brad C. Bailey
Full Name: Brad C. Bailey
Mailing Address: 2040 Dow Center
Bldg. 1776/D3A
Midland, Michigan 48674
United States of America

At: Midland, Michigan 48674, USA
this 24 day of May, 20 16
Effective as of March 31, 2016
Signature: Matthew D. Christianson
Full Name: Matthew D. Christianson
Mailing Address: 2040 Dow Center
Bldg. 1776/D2A
Midland, Michigan 48674
United States of America

At: Midland, Michigan 48674, USA
this 24 day of May, 20 16
Effective as of March 31, 2016
Signature: Anna V. Davis
Full Name: Anna V. Davis
Mailing Address: 2040 Dow Center
Bldg. 1776/C23
Midland, Michigan 48674
United States of America

At: Midland, Michigan 48674, USA
this 24th day of May, 20 16
Effective as of March 31, 2016
Signature: Andrew M. Camelo
Full Name: Andrew M. Camelo
Mailing Address: 2040 Dow Center
Bldg. 1776/D10A
Midland, Michigan 48674
United States of America

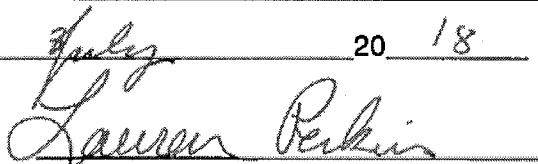
At: Midland, Michigan 48674, USA
this 24th day of May, 20 16
Effective as of March 31, 2016
Signature: Robert D.J. Froese
Full Name: Robert D.J. Froese
Mailing Address: 2040 Dow Center
Bldg. 1776/D37
Midland, Michigan 48674
United States of America

At: Midland, Michigan 48674, USA
this 24 day of May, 20 16
Effective as of March 31, 2016
Signature: Jessica L. Klinkenberg
Full Name: Jessica L. Klinkenberg
Mailing Address: 2040 Dow Center
Bldg. 1776/D8
Midland, Michigan 48674
United States of America

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, USAthis 5th day of July 20 18

Lauren Perkins

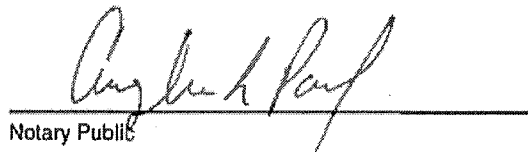
Office Professional

THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATEUNITED STATES OF AMERICA)
STATE OF Texas) SS
County/Parish of Brazoria)On this 5th day of July 20 18, 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.


Notary Public