

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4138926

|   |                                   |
|---|-----------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>   |                                   |
| <b>Name</b>   | <b>Execution Date</b>             |
| JERZY KLOSIN  | 01/17/2012                        |
| PULIKKOTTIL J. THOMAS   | 01/17/2012                        |
| <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>  | 14361552                          |
| <b>CORRESPONDENCE DATA</b>  |                                   |
| <b>Fax Number:</b>  | (414)223-5000                     |
| <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>   | 4149785559                        |
| <b>Email:</b>   | JERE.POLMATIER@HUSCHBLACKWELL.COM |
| <b>Correspondent Name:</b>  | JERE L. POLMATIER                 |
| <b>Address Line 1:</b>  | HUSCH BLACKWELL LLP               |
| <b>Address Line 2:</b>  | 555 EAST WELLS STREET, SUITE 1900 |
| <b>Address Line 4:</b>  | MILWAUKEE, WISCONSIN 53202        |
| <b>ATTORNEY DOCKET NUMBER:</b>  | DOW-39524-A-US                    |
| <b>NAME OF SUBMITTER:</b>   | JERE L. POLMATIER                 |
| <b>SIGNATURE:</b>   | /jlp/                             |
| <b>DATE SIGNED:</b>   | 11/11/2016                        |
| <b>Total Attachments: 2</b>   |                                   |
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| source=DOW39524ASSIGN#page2.tif   |                                   |

This Assignment I10 is in the ENGLISH language and has the same meaning in other languages with the same I10 number and RVDato

FORM 110 (R 5/97)

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: **PROCESS FOR PRODUCING LOW MOLECULAR WEIGHT ETHYLENE- AND ALPHA-OLEFIN-BASED MATERIALS**

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           |
|-----------------|-------------------|--------------------------|
| 61/581,465      | December 29, 2011 | 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 USA  
this 17 day of JANUARY, 2012  
Effective as of December 29, 2011

Signature: *Jerzy Klosin*  
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: MIDLAND, MICHIGAN, USA  
this 17 day of JANUARY, 20 12  
Effective as of December 29, 2011

Signature: Pulikkotil J. Thomas  
Full Name: Pulikkotil J. Thomas  
Residence: 4310 Andre Street  
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 \_\_\_\_\_

Signature: \_\_\_\_\_

Full Name: \_\_\_\_\_

Residence: \_\_\_\_\_

Country: \_\_\_\_\_

Citizenship: \_\_\_\_\_

P.O. Address: \_\_\_\_\_

Employed By: \_\_\_\_\_

Of Country: \_\_\_\_\_

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.

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**

hereby accept the ASSIGNMENT attached hereto which is dated: January 17, 2012 and January 17, 2012, respectively

From, the ASSIGNOR: Jerzy Klosin, 2209 Parkwood Drive, Midland, Michigan 48642, United States of America, Citizen of Poland and Pulikkottil J. Thomas, 4310 Andre Street, Midland, Michigan 48642, United States of America, Citizen of United States of America

of the invention entitled:

**PROCESS FOR PRODUCING LOW MOLECULAR WEIGHT ETHYLENE- AND ALPHA-OLEFIN-BASED MATERIALS**

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 9th day of February, 20 12

**DOW GLOBAL TECHNOLOGIES LLC**

By: *John B. Treangen*  
**JOHN B. TREANGEN**  
 Authorized Representative

## NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA )  
 STATE OF MICHIGAN ) SS  
 County/Parish of Midland )

On this 9th day of February, 20 12, personally appeared before me, **JOHN B. TREANGEN, 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 Limited Liability Company incorporated under the laws of **the state of Delaware, United States of America**.

I further certify that said authority, dated **January 6, 2011**, is based on

**a delegation of signature authority of said Limited Liability Company**

which I have seen, appointing the said individual with full power to sign the foregoing document on behalf of the said Limited Liability Company and that the purposes for which said document is granted are within the scope of the objects or activities of said Limited Liability Company.

*Rebecca Sue Hollingshead*

NOTARY PUBLIC

**Rebecca Sue Hollingshead**  
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXP RES NOVEMBER 25, 2012