**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>H. CRAIG SILVAS</td>
<td>03/05/2007</td>
</tr>
<tr>
<td>STEPHEN F HAHN</td>
<td>03/05/2007</td>
</tr>
<tr>
<td>DAVID F PAWLOWSKI</td>
<td>03/01/2007</td>
</tr>
<tr>
<td>PATRICIA ANSEMS</td>
<td>03/20/2007</td>
</tr>
<tr>
<td>LAURA K MERGENHAGEN</td>
<td>04/13/2007</td>
</tr>
<tr>
<td>HAMED LAKROUT</td>
<td>03/07/2007</td>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>DOW GLOBAL TECHNOLOGIES LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>2040 DOW CENTER</td>
</tr>
<tr>
<td>City</td>
<td>MIDLAND</td>
</tr>
<tr>
<td>State/Country</td>
<td>MICHIGAN</td>
</tr>
<tr>
<td>Postal Code</td>
<td>48674</td>
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**PROPERTY NUMBERS Total: 1**

<table>
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<tr>
<th>Property Type</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>12520143</td>
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</table>

### CORRESPONDENCE DATA

- **Fax Number:** (989)636-3237  
- **Phone:** 9792381087  
- **Email:** jiboym@dow.com  
- **Correspondent Name:** JENNA BOYD  
- **Address Line 1:** P.O. BOX 1967  
- **Address Line 4:** MIDLAND, MICHIGAN 48641

**ATTORNEY DOCKET NUMBER:** 65101B-US-PCT  
**NAME OF SUBMITTER:** JENNA L BOYD  
**SIGNATURE:** /Jenna L. Boyd/  
**DATE SIGNED:** 06/09/2015

Total Attachments: 9
INDIVIDUAL ASSIGNMENT AND INVENTOR’S DECLARATION
(with Priority Rights)

I/we verify believe I am/we are the original, first and sole/joint inventors of the subject matter which is embraced by and for which a patent is sought on the invention entitled: FUNCTIONALIZED OLÉFIN POLYMERS, COMPOSITIONS AND ARTICLES PREPARED THEREFROM, AND METHODS FOR MAKING THE SAME

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 names.

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 Inc.
Washington Street: 1790 Building
Midland, Michigan 48674
United States of America

a corporation 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 my/our 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

<table>
<thead>
<tr>
<th>Priority Number</th>
<th>Filing Date</th>
<th>Filing Country</th>
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<tbody>
<tr>
<td>60/876,387</td>
<td>December 21, 2006</td>
<td>United States of America</td>
</tr>
</tbody>
</table>

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; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding or equivalent Application Number, Filing Date, and Filing Country

<table>
<thead>
<tr>
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<th>Filing Date</th>
<th>Filing Country</th>
</tr>
</thead>
</table>

In the above Priority application of any country where that country’s patent property must be identified and entered hereinabove for recordal of this Assignment, 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 5 7 1 day of March, 2007.

Signature:

Full Name: H. Craig Silvis
Residence: 1908 Candlestick Lane
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 48674, USA
this 2 2 7 day of March, 2007.

Signature:

Full Name: Stephen F. Hahn
Residence: 4015 Sudbury Court
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 48674, USA
this 1 5 7 day of March, 2007.

Signature:

Full Name: David F. Pawlowski
Residence: 1053 East Prairie Road
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

At: Freeport, Texas 77541, USA
this 2 9 day of March, 2007.

Signature:

Full Name: Patricia Arsenio
Residence: 123 Spanish Oak Circle
Lakeland, Texas 77566
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.
NOTARIAL CERTIFICATE (Individual)

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

On this 5th day of March, 2007, personally appeared before me, H. Craig Silvis

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.

SEAL

BRENDA J. MAIDA
NOTARY PUBLIC, STATE OF MI
COUNTY OF GLADWIN
MY COMMISSION EXPIRES May 10, 2012
ACTING IN THE COUNTY OF MIDLAND

NOTARIAL CERTIFICATE (Individual)

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

On this 5th day of March, 2007, personally appeared before me, Stephen F. Hahn

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.

SEAL

BRENDA J. MAIDA
NOTARY PUBLIC, STATE OF MI
COUNTY OF GLADWIN
MY COMMISSION EXPIRES May 10, 2012
ACTING IN THE COUNTY OF MIDLAND

NOTARIAL CERTIFICATE (Individual)

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

On this 1st day of March, 2007, personally appeared before me, David F. Pawlowski

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.

SEAL

BRENDA J. MAIDA
NOTARY PUBLIC, STATE OF MI
COUNTY OF GLADWIN
MY COMMISSION EXPIRES May 10, 2012
ACTING IN THE COUNTY OF MIDLAND
NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF TEXAS  
County/Parish of Brazoria  

On this 20th day of March, 2007, personally appeared before me, Patricia Ansems

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.

Monica Rubio

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF TEXAS  
County/Parish of Brazoria  

On this 13th day of April, 2007, personally appeared before me, Laura K. Mergenhagen

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.

Monica Rubio

NOTARIAL CERTIFICATE (Individual)

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

On this 7th day of March, 2007, personally appeared before me, Hamed Lakrouf

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.

Brenda J. Maida

Seal
ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: DOW GLOBAL TECHNOLOGIES INC.
Washington Street
1790 Building
Midland, Michigan 48674
UNITED STATES OF AMERICA


From, the ASSIGNOR: H. Craig Silvis, 1908 Candlestick Lane, Midland, Michigan 48642, United States of America; Stephen F. Hahn, 4013 Sudbury Court, Midland, Michigan 48642, United States of America; David F. Pawlowski, 1053 East Prairie Road, Midland, Michigan 48640, United States of America; Patricia Amsens, 123 Spanish Oak Circle, Lake Jackson, Texas 77566, United States of America; Laura K. Mergenhagen, 324 Forest Drive, Lake Jackson, Texas 77566, United States of America; and Hamed Lakroust, 411 Rollcrest Court, Midland, Michigan 48640, United States of America

of the invention entitled:

FUNCTIONALIZED OLEFIN POLYMERS, COMPOSITIONS AND ARTICLES PREPARED THEREFROM, AND METHODS FOR MAKING THE SAME

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 [ ] day of [ ], 2007

CORP.

DOW GLOBAL TECHNOLOGIES INC.

SEAL

By: [Signature]

JOHN B. TREANGEN

Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

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

On this [ ] day of [ ], 2005, 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 Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated August 9, 2005, is based on

A delegation of signature authority of the said Corporation,

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

SEAL

[Signature]

Notary Public

Rebecca Sue Hollingshead

NOTARY PUBLIC, MOUNT COUNTRY, MICHIGAN
MY COMMISSION EXPIRES: NOVEMBER 25, 2012
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "DOW GLOBAL TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

Certificate of Formation
of
Dow Global Technologies LLC

This Certificate of Formation of Dow Global Technologies LLC has been duly executed and is being filed by Noreen D. Warrick, as an authorized representative, to form a limited liability company under the Delaware Limited Liability Company Act (6 Del.C. §18-101, et seq.).

1. The name of the limited liability company is:

Dow Global Technologies LLC

2. The address of the limited liability company’s registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of the limited liability company’s registered agent for service of process in the State of Delaware at such address is the Corporation Trust Company.

3. The effective date for the formation of this limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Dow Global Technologies LLC this 31st day of December, 2010.

[Signature]
Noreen D. Warrick
Authorized Representative
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "DOW GLOBAL TECHNOLOGIES INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "DOW GLOBAL TECHNOLOGIES INC." TO "DOW GLOBAL TECHNOLOGIES LLC", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

Certificate of Conversion
of
Dow Global Technologies Inc.
(a Delaware corporation)
to
Dow Global Technologies LLC
(a Delaware limited liability company)

Pursuant to Section 18-214 of the Limited Liability Company Act

Dow Global Technologies Inc., a Delaware corporation (the "Corporation"), files this Certificate of Conversion (the "Certificate") and hereby certifies the following:

1. The jurisdiction where the Corporation was first formed is Delaware.
2. The jurisdiction immediately prior to filing this Certificate is Delaware.
3. The date the Corporation was first formed is April 6, 1993.
4. The name of the Corporation immediately prior to filing this Certificate is Dow Global Technologies Inc.
5. The name of the limited liability company as set forth in the Certificate of Formation is Dow Global Technologies LLC.
6. The future effective date of the conversion to a limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 24th day of December, 2010.

Dow Global Technologies Inc.

By: ____________________________
Name: Noreen D. Warrick
Title: Secretary