### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                 | Execution Date |
|----------------------|----------------|
| H. Craig Silvis      | 02/18/2008     |
| Stephen F. Hahn      | 02/14/2008     |
| David F. Pawlowski   | 02/19/2008     |
| Patricia Ansems      | 02/13/2008     |
| Laura K. Mergenhagen | 02/13/2008     |
| Hamed Lakrout        | 02/11/2008     |

#### **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: | 12519504 |

### **CORRESPONDENCE DATA**

Fax Number: 9792387055

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

979-238-1195 Phone: DEElliott@Dow.com Email: Correspondent Name: Delane Elliott

Address Line 1: 2301 N. Brazosport Blvd.

Address Line 2: B-1463

Address Line 4: Freeport, TEXAS 77541

ATTORNEY DOCKET NUMBER: 65101A-US-PCT

**REEL: 030225 FRAME: 0900** 

**PATENT** 

| -   |   |  |
|---|---|--|
| NAME OF SUBMITTER: Delane Elliott                                       |   |  |
| Signature:  | /Delane Elliott/  |  |
| Date: 04/16/2013  |   |  |
| Total Attachments: 12   |   |  |
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FORM 110 (R.1/97)

## 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: FUNCTIONALIZED OLEFIN 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 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 Inc. 2040 Dow Center 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 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           |
|-----------------|-------------------|--------------------------|
| 60/876,287      | December 21, 2006 | 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; and I/we do hereby authorize Assignce or its designce (or nominec(s)) to insert here any corresponding equivalent Application Number. Filing Date, and Filing County

| Application Number | Filing Date | Filing Country |
|--------------------|-------------|----------------|
|                    |             |                |

to 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 day of February 2, 20 Effective as of December 21, 2006.  Signature: Full Name: H. Craig Silvis Residence: 1908 Candlestick Lane Midland, Michigan 48642 UNITED STATES OF AMERICA Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: The Dow Chemical Company | At: Midland, Michigan 48674, USA this /// day of February , 20 of Effective as of December 21, 2006.  Signature: Full Name: Stephen F. Hann Residence: 4013 Sudbury Court Midland, Michigan 48642 UNITED STATES OF AMERICA Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: The Dow Chemical Company |
|---|--|
| At: Midland-Michigan 48674, USA this 19 Midland Midland, Michigan 48640 UNITED STATES OF AMERICA  | At: Freeport, Texas 77541, USA this day of .20 Effective as of December 21, 2006.  Signature: Full Name: Patricia Ansems Residence: 123 Spanish Oak Circle Lake Jackson, Texas 77566 UNITED STATES OF AMERICA  |

Country: United States of America

P.O. Address: Same as residence

Citizenship: United States of America

Of Country: United States of America

Employed By: The Dow Chemical Company

(X) Additional names and signatures are attached.

Country: United States of America

P.O. Address: Same as residence

Citizenship: United States of America

Of Country: United States of America

Employed By: The Dow Chemical Company

**PATENT** 

REEL: 030225 FRAME: 0902

Midland, Michigan 48674, USA

day of

Effective as of December 21, 2006

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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: FUNCTIONALIZED OLEFIN 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 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 Inc. 2040 Dow Center 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 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           |
|-----------------|-------------------|--------------------------|
| 60/876,287      | December 21, 2006 | 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; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent Application Number, Filing Date, and Filing County

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|-----|--------------------|-------------|----------------|
| - 1 | Application Number | Filing Date | Filing Country |
| _   |                    |             | Think Country  |
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to 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've 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.

this

Midland, Michigan 48674, USA

#### Subscribed and Declared by me/us:

At:

this

| 21, 2000.                               | Effective as of December 21, 2006.    |
|---|---------------------------------------|
| Signature:                              | Signature:                            |
| Full Name: H. Craig Silvis              | Full Name: Stephen F. Hahn            |
| Residence: 1908 Candlestick Lane        | Residence: 4013 Sudbury Court         |
| Midland, Michigan 48642                 | Midland, Michigan 48642               |
| UNITED STATES OF AMERICA                | UNITED STATES OF AMERICA              |
| Country: United States of America       | Country: United States of America     |
| Citizenship: United States of America   | Citizenship: United States of America |
| P.O. Address: Same as residence         | P.O. Address: Same as residence       |
| Employed By: The Dow Chemical Company   | Employed By: The Dow Chemical Company |
| Of Country: United States of America    | Of Country: United States of America  |
| At: Midland, Michigan 48674 USA         |                                       |
|   | At: Freeport, Texas 77541, USA        |
| this day of , 20                        | this 13th day of February , 2008      |
| Effective as of December 21, 2006.      | Effective as of December 21, 2006.    |
| 9:                                      | Ph                                    |
| Signature:                              | Signature: Hns.                       |
| Full Name: David F. Pawlowski           | Full Name: Patricia Ansems            |
| Residence: 1053 East Prairie Road       | Residence: 123 Spanish Oak Circle     |
| Midland, Michigan 48640                 | Lake Jackson, Texas 77566             |
| UNITED STATES OF AMERICA                | UNITED STATES OF AMERICA              |
| Country: United States of America       | Country: United States of America     |
| Citizenship: United States of America   | Citizenship: United States of America |
| 2.O. Address: Same as residence         | P.O. Address: Same as residence       |
| Employed By: The Dow Chemical Company   | Employed By: The Dow Chemical Company |
| Of Country: United States of America    | Of Country: United States of America  |
| onal names and signatures are attached. |                                       |

(X) Additi

13.3

| At: Freeport, Texas 77541, USA        | At: Midland, Michigan 48674, USA      |
|---------------------------------------|---------------------------------------|
| this 1.3 day of February , 2008       | this day of                           |
| Effective as of December 21, 2006.    | Effective as of December 21, 2006.    |
| _                                     | 21, 2000,                             |
| Signature: Laura K. Meranhagm         | ✓ Signature:                          |
| Full Name: Ladra K. Mergenhagen       | Full Name: Hamed Lakrout              |
| Residence: 324 Forest Drive           |                                       |
| Lake Jackson, Texas 77566             | Residence: 411 Rollcrest Court        |
| UNITED STATES OF AMERICA              | Midland, Michigan 48640               |
| Country: United States of America     | UNITED STATES OF AMERICA              |
| Citizenshim Maited States of America  | Country: United States of America     |
| Citizenship: United States of America | Citizenship: France                   |
| P.O. Address: Same as residence       | P.O. Address: Same as residence       |
| Employed By: The Dow Chemical Company | Employed By: The Dow Chemical Company |
| Of Country: United States of Ameirca  | Of Country: United States of America  |
|                                       |                                       |
| At:                                   | At:                                   |
| this day of, 20                       | this day of, 20                       |
|                                       |                                       |
| 1                                     | <b>     </b>                          |
| Signature:                            | Signature:                            |
| Full Name:                            | Full Name:                            |
| Residence:                            | Residence:                            |
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| 1                                     |                                       |
| Country:                              |                                       |
| Citizenship:                          | Country:                              |
| P.O. Address:                         | Citizenship:                          |
| Employed By:                          | P.O. Address:                         |
|                                       | Employed By:                          |
| Of Country:                           | Of Country:                           |
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| At:                                   | At:                                   |
| this day of 20                        | this day of , 20                      |
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| Full Name:                            | Full Name:                            |
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| Country:                              |                                       |
| Citizenship:                          | Country:                              |
| P.O. Address:                         | Citizenship:                          |
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| Employed By:                          | Employed By:                          |
| Of Country:                           | Of Country:                           |
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| this day of, 20                       | this day of , 20                      |
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| Signature:                            | Signature:                            |
| Full Name:                            | Full Name:                            |
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|                                       | Country:                              |
| Citizenship:                          | Citizenship:                          |
| P.O. Address:                         | P.O. Address:                         |
| Employed By:                          | Employed By:                          |
| Of Country:                           | Of Country:                           |
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| his day of , 20                       | this day of                           |
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| ignature:                             | Signature:                            |
| full Name:                            | Full Name:                            |
| lesidence:                            | Residence:                            |
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| itizenship:                           |                                       |
| O. Address:                           | Citizenship:                          |
| mployed By:                           | P.O. Address:                         |
|                                       | Employed By:                          |
| f Country:                            | Of Country:                           |
|                                       | PATENT                                |

REEL: 030225 FRAME: 0904

| At: Freeport, Texas 77541, USA        | At: Midland, Michigan 48674, USA   |
|---------------------------------------|--|
| this day of, 20                       | this // H day of Each 20.09  |
| Effective as of December 21, 2006.    | Effective as of December 21, 2006.   |
|                                       | Signature: Harled Lakrout Residence: 411 Rollers Court   |
| Signature:                            | le de la   |
| Full Name: Laura K. Mergenhagen       | Signature: The Caracter  |
| Residence: 324 Forest Drive           | Pull Name: Hamed Lakrout   |
| Lake Jackson, Texas, 77566            | I I tone of the state of the st |
|                                       | Midland, Michigan 48640  |
| UNITED STATES OF AMERICA              | UNITED STATES OF AMERICA   |
| Country: United States of America     | Country: United States of America  |
| Citizenship: United States of America | Citizenship: France  |
| P.O. Address: Same as residence       | P.O. Address: Same as residence  |
| Employed By: The Dow Chemical Company | Employed By: The Dow Chemical Company  |
| Of Country: United States of Ameirca  | Of Country: United States of America   |
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| At:                                   | T [A.  |
| this day of, 20                       | At:  |
| 20                                    | this day of, 20  |
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| Signature:                            | Signature:   |
| Full Name:                            | Full Name:   |
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| Employed By:                          | Employed By:   |
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| Signature:                            | Signature:   |
| Full Name:                            | Full Name:   |
| Residence:                            | Residence:   |
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| Country:                              | Country:   |
| Citizenship:                          | Citizenship:   |
| P.O. Address:                         | P.O. Address:  |
| Employed By:                          |  |
| Of Country:                           | Employed By:   |
| or county.                            | Of Country:  |
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| this day of 20                        | this day of , 20   |
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| Full Name:                            | Signature:   |
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| Country:                              | Country:   |
| Citizenship:                          | Citizenship:   |
| P.O. Address:                         | P.O. Address:  |
| Employed By:                          | Employed By:   |
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| NOTARIAL   | CERTIFICATE (Individual)  |
| County/Parish of Midland   | S   |
| On this 18 day of Februs   | リー・スター 大力 personally appeared before me   |
| MICHALOL IDENTIFIED TO THE TO BE THE INDIVID   | lual described in and who executed the foregoing document and deed for uses and purposes therein expressed. |
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| SEAL   | Total Cual (). T  |
| lea  | Jamy Sur Cert   |
|  | <i>i'</i>   |
|  | Kathy Sue Wertz  NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012               |
| NOTARIAL   | CERTIFICATE (Individual)  |
| UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )   |   |
| On this 14 day of Felicua  | , 2008, personally appeared before me, Stephen F. Hahn  |
| known or identified to me to be the individu   | pal described in and who executed the foregoing document deed for uses and purposes therein expressed.      |
| SEAL   | Jathy Sur West  |
| £  | yarry ne cont   |
|  | Kathy Sue Werlz<br>NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN<br>MY COMMISSION EXPIRES APRIL 07, 2012          |
| NOTARIAL C   | CERTIFICATE (Individual)  |
| UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )   |   |
| On this 19 day of February   | , 20 CF, personally appeared before me, vid F. Pawlowski  |
| Leaves an identification of the state of the | via F. Pawlowski  |
| and acknowledged the same as a free act and  | al described in and who executed the foregoing document deed for uses and purposes therein expressed.       |

SEAL

4. }

NOTARY PUBLIC, MIDLAND COUNTY OF 3 AND MY COMMISSION EXPIRES 127, 2012

**PATENT** 

**REEL: 030225 FRAME: 0906** 

## NOTARIAL CERTIFICATE (Individual)

| UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )  |  |  |  |  |
|---|--|--|--|--|
| On this 13 day of February, 2008, 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. |  |  |  |  |
| SEALUM 11PPS JAMES JAMES OF THE STATE (Individual)  |  |  |  |  |
| UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )  |  |  |  |  |
| On this 13 day of 1 Laura K. Mergenhagen, 2008, personally appeared before me,  |  |  |  |  |
| 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. |  |  |  |  |
| Jamny Jyps  Jamny Jyps  |  |  |  |  |
| NOTARIAL CERTIFICATE (Individual)   |  |  |  |  |
| UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )  |  |  |  |  |
| On this, 20, personally appeared before me,   |  |  |  |  |
| 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  |  |  |  |  |

13-7

## NOTARIAL CERTIFICATE (Individual)

16.55

| UNITED STATES OF AMERICA               | •          |   |               |
|--|------------|---|---------------|
| STATE OF TEXAS                         | ) SS       |   |               |
| County/Parish of Brazoria              | )          | V   |               |
| On this day of                         |            | , 20, personally appea  | red before me |
|  | Pat        | ricia Ansems  |               |
|  |            | described in and who executed the forego-<br>leed for uses and purposes therein express |               |
| SEAL                                   |            |   |               |
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| NOTARI                                 | AL CE      | RTIFICATE (Individual)  |               |
| UNITED STATES OF AMERICA               | )          |   |               |
| STATE OF TEXAS                         | ) SS       |   |               |
| County/Parish of Brazoria              | )          |   |               |
| On this day of                         |            | , 20, personally appear   | ed before me  |
| •                                      | Laura l    | C. Mergenhagen  | ,             |
| known or identified to me to be the in | dividual ( | described in and who executed the forego  | ing document  |
| and acknowledged the same as a free    | act and d  | eed for uses and purposes therein express   | ed.           |
|  |            |   |               |
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|  |            | <b>,</b>  |               |
| UNITED STATES OF AMERICA               | )          |   |               |
| STATE OF MICHIGAN                      | ) SS       | •   |               |
| County/Parish of Midland               | )          |   |               |
| On this // day of Februa               | au.        | , 20 <u>C&amp;_,</u> personally appeare   | d hafam ma    |
| any o                                  | Han        | led I akrout  | d before me,  |
|  |            | escribed in and who executed the foregoing  |               |
| and acknowledged the same as a free a  | ct and de  | ed for uses and purposes therein expresse   | ig document   |
| 5                                      |            | purposes therein expresse   | <b></b>       |
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| t                                      |            | :/  |               |

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

This Assignce Acceptance 660 is to the ENGLISH language and but the name meaning in other languages with the same 660 number. FORM 660

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

2040 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: February 11, 2008; February 13, 2008; February 14, 2008; February 18, 2008; and February 19, 2008

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

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 <u>28</u> | day of February , 20 C8               |
| CORF<br>SEAL   |                                       |
|                | · · · · · · · · · · · · · · · · · · · |

## NOTARIAL CERTIFICATE (Corporation)

|   |              | •                | -              | •               |
|---|--------------|------------------|----------------|-----------------|
| UNITED STATES OF AMERICA  | <b>(</b> )   |                  |                |                 |
| STATE OF MICHIGAN   | ) SS         |                  |                |                 |
| County/Parish of Midland  | )            |                  |                |                 |
| On this 28 day of Rebitte   | ary          | , 20 <u>C</u>    | , perso        | onally appeared |
| before me, JOHN B. TREANGEN, Au   | uthorized R  | epresentative,   |                |                 |
| known or identified to me to be the individual and acknowledged the same as a free act a authority of the said Corporation incorporation. | and deed for | uses and purpos  | ses therein ex | pressed by      |
| States of America.  | accu under u | ie laws of the S | tate of Delas  | ware, United    |
|   |              |                  |                |                 |

I further certify that said authority, dated August 30, 2007, is based on

A delegation of signature authority of said Corporation

which I have seen, appointing the said individual Authorized Representative 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.

Kathy Sue Wertz

REEL: 030225 FRAME: 0909

9.3



PAGE 2

# The First State

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.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online at corp.delaware.gov/authver.shtml

AUTHENT (CATION: 8457755

DATE: 12-29-10

State of Delaware Secretary of State Division of Corporations Delivered 10:40 AM 12/23/2010 FILED 10:40 AM 12/23/2010 SRV 101227862 - 2332072 FILE

#### Certificate of Formation

at

## 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 <u>Del.C.§18-101</u>, <u>ct seq.</u>).

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.
- 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 23 day of December, 2010.

Norcen D. Warrick

Authorized Representative

Moreempriarrick

# Delaware

PAGE 1

# The First State

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.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online at corp.delaware.gov/authver.shtml

AUTHENTY CATION: 8457755

DATE: 12-29-10

State of Delaware Secretary of State Division of Corporations Delivered 10:40 AM 12/23/2010 FILED 10:40 AM 12/23/2010 SRV 101227862 - 2332072 FILE

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.
- The jurisdiction immediately prior to filing this Certificate is Delaware.
- 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 23 day of December, 2010.

Dow Global Technologies Inc.

Hy: <u>Moreen D. Warrick</u>
Name: Noreen D. Warrick

Title: Secretary

PATENT REEL: 030225 FRAME: 0913

RECORDED: 04/16/2013