

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Daniel J. Arriola</td><td>05/17/2004</td></tr><tr><td>Marilyn Bokota</td><td>05/24/2004</td></tr><tr><td>Edmund M. Carnahan</td><td>04/01/2004</td></tr><tr><td>David D. Devore</td><td>06/01/2004</td></tr><tr><td>Phillip D. Hustad</td><td>04/07/2004</td></tr><tr><td>Pamela J. Stirn</td><td>05/21/2004</td></tr></tbody></table>		Name	Execution Date	Daniel J. Arriola	05/17/2004	Marilyn Bokota	05/24/2004	Edmund M. Carnahan	04/01/2004	David D. Devore	06/01/2004	Phillip D. Hustad	04/07/2004	Pamela J. Stirn	05/21/2004
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>Dow Global Technologies Inc.</td></tr><tr><td>Street Address:</td><td>Washington Street</td></tr><tr><td>Internal Address:</td><td>1790 Building</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></tr></table>		Name:	Dow Global Technologies Inc.	Street Address:	Washington Street	Internal Address:	1790 Building	City:	Midland	State/Country:	MICHIGAN	Postal Code:	48674		
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PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10589377</td></tr></tbody></table>		Property Type	Number	Application Number:	10589377										
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Application Number:	10589377														
CORRESPONDENCE DATA															
Fax Number: (979)238-0878 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 979-238-1195															
Email: dpedersen@dow.com															
Correspondent Name: Delane Pedersen															
Address Line 1: 2301 N. Brazosport Blvd															
Address Line 2: B-1211															
Address Line 4: Freeport, TEXAS 77541															
ATTORNEY DOCKET NUMBER:	63558D-US-PCT														

CH \$40.00 10589377

501352865

PATENT  
REEL: 025381 FRAME: 0760

NAME OF SUBMITTER:

Delane Pedersen

**Total Attachments: 8**

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# **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:

**CATALYST COMPOSITION COMPRISING SHUTTTLING AGENT FOR ETHYLENE COPOLYMER FORMATION**  
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, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, 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, U.S.A. (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

Application No. 60/553,906 Filing Date March 17, 2004

in country the 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 No. \_\_\_\_\_ Filing Date \_\_\_\_\_

in 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: <u>Midland, Michigan 48674 USA</u> this <u>17</u> day of <u>May</u> , 20 <u>04</u> Effective as of March 17, 2004 Signature: <u>[Signature]</u> Full Name: <b>Daniel J. Arriola</b> Residence: <b>2100 East Mier Road Midland, Michigan 48642</b> Country: <b>United States of America</b> Citizenship: <b>United States of America</b> P. O. Address: <b>Same as Residence</b> Employed By: <b>The Dow Chemical Company</b> Of Country: <b>United States of America</b>
At: <u>Freeport, Texas 77541 USA</u> this <u>1</u> day of <u>April</u> , 20 <u>04</u> Effective as of March 17, 2004 Signature: <u>[Signature]</u> Full Name: <b>Edmund M. Carnahan</b> Residence: <b>4619 Twin Elm Drive Fresno, Texas 77545</b> Country: <b>United States of America</b> Citizenship: <b>United States of America</b> P. O. Address: <b>Same as Residence</b> Employed By: <b>The Dow Chemical Company</b> Of Country: <b>United States of America</b>

At: <u>Midland, Michigan 48674 USA</u> this <u>24</u> day of <u>May</u> , 20 <u>04</u> Effective as of March 17, 2004 Signature: <u>[Signature]</u> Full Name: <b>Marilyn Bokota</b> Residence: <b>4431 West Lang Beaverton, Michigan 48612</b> Country: <b>United States of America</b> Citizenship: <b>United States of America</b> P. O. Address: <b>Same as Residence</b> Employed By: <b>The Dow Chemical Company</b> Of Country: <b>United States of America</b>
At: <u>Midland, Michigan 48674 USA</u> this <u>1</u> day of <u>June</u> , 20 <u>04</u> Effective as of March 17, 2004 Signature: <u>[Signature]</u> Full Name: <b>David D. Devore</b> Residence: <b>4901 East Shaffer Road Midland, Michigan 48642</b> Country: <b>United States of America</b> Citizenship: <b>United States of America</b> P. O. Address: <b>Same as Residence</b> Employed By: <b>The Dow Chemical Company</b> Of Country: <b>United States of America</b>

( X ) Additional names and signatures are attached.

Docket Ref. 63558 css page 2

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

Signature: Pamela J. Stirn  
 Full Name: **Pamela J. Stirn**  
 Residence: **1120 West Stewart 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**

Country:  
Citizenship:  
P. O. Address:  
Employed By:  
Of Country:

REEL: 025381 FRAME: 0763



Page two of two

**PATENT**  
**REEL: 025381 FRAME: 0765**

**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 217 day of May, 2004, personally appeared

**Daniel J. Arriola**

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

Melissa Leigh Van Meter  
Notary Public

Melissa Leigh Vanmeter  
Notary Public, MacLeish County, Michigan  
My Commission Expires February 6, 2007

**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 24 day of May, 2004, personally appeared

**Marilyn Bokota**

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

Carla S Samuel  
Notary Public

**Carla S. Samuel**  
Notary Public, Bay County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires October 10, 2005

**NOTARIAL CERTIFICATE (INDIVIDUAL)**

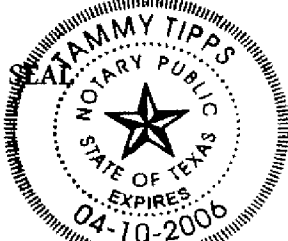
UNITED STATES OF AMERICA       )  
STATE OF TEXAS                     ) SS  
County/Parish of Brazoria       )

On this 1st day of April, 2004, personally appeared

Edmund M. Carnahan

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.

Sammy Lipp  
Notary Public



## PATENT

REEL: 025381 FRAME: 0766

**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 1 day of June, 2004, personally appeared

David D. Devore

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

Carla S Samuel

Notary Public

**Carla S. Samuel**  
Notary Public, Bay County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires October 10, 2005

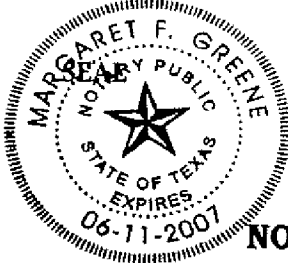
**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 7<sup>th</sup> day of April, 20 04, personally appeared

Phillip D. Hustad

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.



Margaret F. Greene  
Notary Public

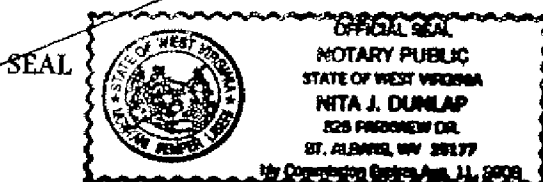
**NOTARIAL CERTIFICATE (INDIVIDUAL)**


UNITED STATES OF AMERICA )  
STATE OF WEST VIRGINIA ) SS  
County/Parish of Kanawha )

On this 13<sup>th</sup> day of May, 2004, personally appeared

~~Roger L. Kuhlman~~

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.



  
\_\_\_\_\_  
Notary Public

Notary Public


## PATENT

REEL: 025381 FRAME: 0767



Docket Ref. 63558      css

Notary Public **Carla S. Samuel**  
Notary Public, Bay County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires October 10, 2005

  
Notary Public

**PATENT**  
**REEL: 025381 FRAME: 0768**

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 INC.**  
 2040 Dow Center  
 Midland, Michigan 48674  
 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: May 17, 2004, May 24, 2004, June 01, 2004, and May 21, 2004

From, the ASSIGNOR: Daniel J. Arriola, 4608 Arbor Drive, Midland, Michigan 48640, United States of America, Citizen of United States of America; Marilyn Bokota, 4431 West Lang, Beaverton, Michigan 48612, United States of America, Citizen of United States of America; Edmund M. Carnahan, 4619 Twin Elm Drive, Fresno, Texas 77545, United States of America; David D. Devore, 4901 East Shaffer, Midland, Michigan 48642, United States of America, Citizen of United States of America; Phillip D. Hustad, 3618 Rose Water Court, Manvel, Texas 77578, United States of America, Citizen of United States of America; and Pamela J. Stirn, 1120 West Stewart Road, Midland, Michigan 48640, United States of America, Citizen of United States of America

of the invention entitled:

**CATALYST COMPOSITION COMPRISING SHUTTLING AGENT FOR ETHYLENE COPOLYMER FORMATION**

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 16 day of November, 20 10

CORP.  
SEAL

**DOW GLOBAL TECHNOLOGIES INC.**

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 16 day of November, 20 10, 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 July 31, 2009, is based on

**A delegation of signature authority of said Corporation**

which I have seen, appointing the said individual 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

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