

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
John M. Griffin	02/25/2008
Stephen A. Bedell	02/04/2008
Clare M. Worley	02/25/2008
<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>	12448439
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(989)636-3237
<b>Phone:</b>	9896361555
<b>Email:</b>	ajlanphierd@dow.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Amy J Lanphierd
<b>Address Line 1:</b>	2040 Dow Center
<b>Address Line 4:</b>	Midland, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	65256A US PCT
<b>NAME OF SUBMITTER:</b>	Amy J Lanphierd
Total Attachments: 7 source=65256A US PCT 20111025 SDS Inventors to DGTL#page1.tif	

CH \$40.00 12448439

**501701814**

**PATENT**  
**REEL: 027116 FRAME: 0077**

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source=65256A US PCT 20111025 SDS Inventors to DGTL#page7.tif

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.**  
2040 Dow Center  
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. PCT/US2007/026208 Filing Date December 21, 2007  
in country International

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 \_\_\_\_\_

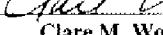
to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent 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: **Freeport, Texas 77541, USA**  
 this 25 day of February, 2009  
 Effective as of December 21, 2007

Signature: \_\_\_\_\_  
 Full Name: **John M. Griffitt**  
 Residence: **2919 Fox Den Drive**  
**Pearland, Texas 77584**  
 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 25 day of February, 2008  
Effective as of December 21, 2007

Signature:   
Full Name: **Clare M. Worley**  
Residence: **2207 Oakwood  
Richwood, Texas 77531**  
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 1<sup>st</sup> day of February, 2008  
Effective December 21, 2007

Signature: Stephen A. Bedell  
Full Name: **Stephen A. Bedell**  
Residence: **105 Strawberry Drive**  
**Lake Jackson, 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**

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

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

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

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

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

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

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

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

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

**PATENT**  
**REEL: 027116 FRAME: 0079**

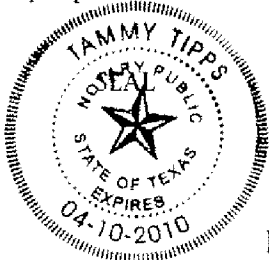
**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 25 day of February, 2008, personally appeared  
before me,

**John M. Griffin**

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.



Tammy Tipps  
Notary Public

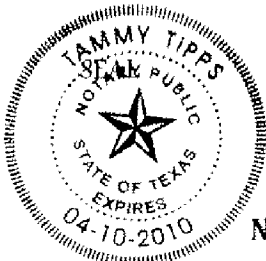
**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 4 day of February, 2008, personally appeared  
before me,

**Stephen A. Bedell**

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.



Tammy Tipps  
Notary Public

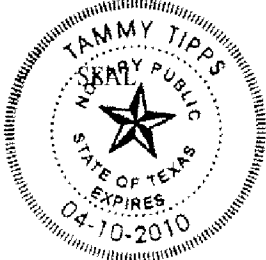
**NOTARIAL CERTIFICATE (INDIVIDUAL)**

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

On this 25 day of February, 2008, personally appeared  
before me,

**Clare M. Worley**

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.



Tammy Tipps  
Notary Public

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 Midland, Michigan 48674, USA

this 13<sup>th</sup> day of August, 2009.

Susan D. Krotzer  
Susan D. Krotzer

**NOTARIAL CERTIFICATE**

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

On this 13<sup>th</sup> day of August, 2009, personally appeared

**Susan D. Krotzer**

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.

SEAL

Notary Public

*Jennifer S. Haverkamp*  
 NOTARY PUBLIC, BAY COUNTY, MICHIGAN  
 ACTING IN MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES MAY 12, 2012

# Delaware

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](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT  
REEL: 027116 FRAME: 0082

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  
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 23<sup>rd</sup> day of December, 2010.

Noreen D. Warrick  
Noreen D. Warrick  
Authorized Representative

# Delaware

PAGE 1

*The First State*

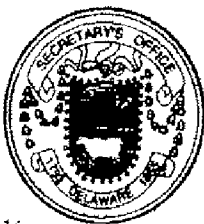
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "DOW GLOBAL TECHNOLOGIES INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "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.

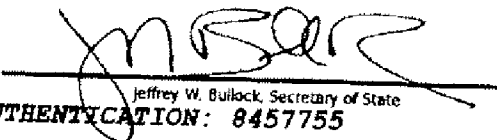
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT  
REEL: 027116 FRAME: 0084



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.
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 23<sup>rd</sup> day of December, 2010.

Dow Global Technologies Inc.

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