

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2944589

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	THE DOW CHEMICAL COMPANY	05/28/2004
<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>
	Application Number:	11017558
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(989)636-3237	
<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>	989-636-7934	
<b>Email:</b>	kswertz@dow.com	
<b>Correspondent Name:</b>	KATHY WERTZ	
<b>Address Line 1:</b>	2040 DOW CENTER	
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674	
<b>ATTORNEY DOCKET NUMBER:</b>	62636B-US-DIV	
<b>NAME OF SUBMITTER:</b>	KATHY WERTZ	
<b>SIGNATURE:</b>	/Kathy Wertz/	
<b>DATE SIGNED:</b>	07/18/2014	
<b>Total Attachments: 7</b>		
source=62636B TDCC to DGTL for Valette#page1.tif		
source=62636B TDCC to DGTL for Valette#page2.tif		
source=62636B TDCC to DGTL for Valette#page3.tif		
source=Cert_of_Formation_&_Cert_of_Conversion_to_LLC_(12-31-10)[1]#page1.tif		
source=Cert_of_Formation_&_Cert_of_Conversion_to_LLC_(12-31-10)[1]#page2.tif		
source=Cert_of_Formation_&_Cert_of_Conversion_to_LLC_(12-31-10)[1]#page3.tif		
source=Cert_of_Formation_&_Cert_of_Conversion_to_LLC_(12-31-10)[1]#page4.tif		

PATENT

FORM 440

## INVENTORSHIP DECLARATION

REEL: 033342 FRAME: 0266

## NOTARIAL CERTIFICATE (Corporation)

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

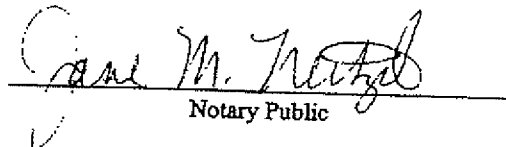
On this 28 day of May, 2004, personally appeared before me, **GRAHAM E. TAYLOR**, Authorized Representative, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by 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 February 13, 2003, is based on

A Resolution of the Board of Directors 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

  
 Notary Public

Jane M. Neitzel  
 Notary Public, Bay County, Michigan  
 Acting in Midland County, Michigan  
 My Commission Expires September 26, 2007

## ASSIGNEE ACCEPTANCE

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

hereby accept the ASSIGNMENT attached hereto which is dated: May 28, 2004

From, the ASSIGNOR: **THE DOW CHEMICAL COMPANY**  
2030 Dow Center  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

of the invention entitled:

**NANOPOROUS LAMINATES**

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 1 day of June, 2004

CORP.  
SEAL

**DOW GLOBAL TECHNOLOGIES INC.**

By: Noreen D. Warrick

**NOREEN D. WARRICK**

Secretary

## NOTARIAL CERTIFICATE (Corporation)

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

On this 1 day of June, 2004, personally appeared before me, **NOREEN D. WARRICK**, Secretary, 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 February 11, 2002, is based on

an Authorization Policy 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

Ann Heritier  
Notary Public

Ann Heritier  
Notary Public, Bay County, Michigan  
Acting in Midland County  
My Commission Expires December 03, 2008

**PATENT**

**REEL: 033342 FRAME: 0268**

# Delaware

PAGE 2

*The First State*

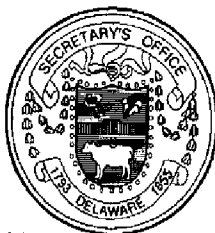
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "DOW GLOBAL TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

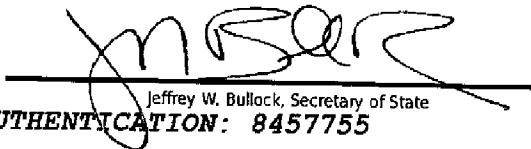
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

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: 033342 FRAME: 0269

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.

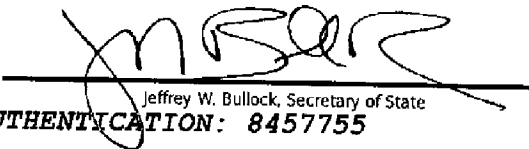
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

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: 033342 FRAME: 0271

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