PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2944589

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
THE DOW CHEMICAL COMPANY	05/28/2004

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:	11017558

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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.

Phone: 989-636-7934
Email: kswertz@dow.com
Correspondent Name: KATHY WERTZ
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	62636B-US-DIV
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	07/18/2014

Total Attachments: 7

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PATENT REEL: 033342 FRAME: 0265

502897992 REEL: 03

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 mamber.

FORM 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from

Ludovic Valette, 22, rue Hallez, Haguenau 67500, France

of an invention relating to and entitled:

Attach this Assissant Assassant con

NANOPOROUS LAMINATES

We do hereby declare, for good and valuable consideration effective as of May 20, 2004 received, sell, assign, and transfer unto:

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

own name, or in the name of its nomine application and any corresponding appli International Conventions and Treaties is Priority Number 10/456,127 in United States of America	nder the laws of the State of Delaware, United States of America our entire right, title d to the invention and all rights and powers to make application for Letters Patent in its e; and all rights and powers to file any reissue, divisional, continuing or substitute cations in any and all countries, including all rights to claim priority under all a the name of said Assignee, and do hereby authorize said Assignee to insert here the and Filing Date
of the application on which the priority wany and all countries; and we do hereby interference, conflict, opposition or litigatexecute any reissue, divisional continuis	will be based; and in and to any Letters Patent that may be issued for said invention in agree to assist said Assignee in the prosecution of the said applications and in any tion which may arise involving said invention or the patent or patents thereon, and to go or substitute application and assent to their making any applications in other below specifically identified application, as may be requested by said Assignee; and insert here the
of the corresponding application in any co we do hereby authorize and request that at to the recordal of this Assignment being	punity where that patent property must be entered for recordal of this Assignment; and my such Letters Patent be issued to said Assignee in accordance herewith, and consent noter covenant, not only that we have full power to make the same, but also that such grant, license, or other right heretofore given.
Subscribed and Sworn by us at	Midland, Michigan 49674, YIGA
this 25 day of Mr. g	·
CORP SEAL	THE DOW CHEMICAL COMPANY
	By: Let
	GRAHAM E. TAYLOR Authorized Representative

Attach Notarial Certificate (Corporation)

CASE NO.62636A/mhy

This Motarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)
known or identified to me to be the individua and acknowledged the same as a free act and	, 20 , personally appeared horized Representative, l described in and who executed the foregoing document deed for uses and purposes therein expressed by authority have of the State of Delaware, United States of
I further certify that said authority, dated Febr	ruary 13, 2003, is based on
A Resolution of the Board of Directors of the	he said Corporation.
which I have seen, appointing the said individual	ual Attorney-in-fact with full power to sign the
SEAL	M. Method Notary Public

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

1

#660 \$ 660 \$

This Assignoe Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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

	- stand be deemed a part of the said ASSIGNMENT.
	d. Michigan 48674, USA
this day of	June , 2004
CORP.	DOW GLOBAL TECHNOLOGIES INC.
SEAL	By: Moreon Di Warrick NOREEN D. WARRICK
	· · · · · · · · · · · · · · · · · · ·
	Secretary

NOTARIAL CERTIFICATE (Corporation)

		CTITE (COLDOLATION)
UNITED STATES OF AME STATE OF MICHIGAN County/Parish of Midland	ERICA)) SS)	1
On this day of before me, NOREEN D. WARI known or identified to me to be the and acknowledged the same as a fr of the said corporation incorporated America.	RICK, Secretary, individual described i	d in and who executed the foregoing documentses and purposes therein expressed by authorithe State of Delaware, United States of
I further certify that said authority,	dated February 11, 20	2002, is based on
20 Authorization Dollars of the		

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

Notary Public

Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2006



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>).

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.
- 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: 033342 FRAME: 0272

RECORDED: 07/18/2014