#### 503173178 02/10/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3219793

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL GROHOL	04/23/2010
CHAN HAN	05/04/2010
ALEKSANDER J PYZIK	05/07/2010

## **RECEIVING PARTY DATA**

Name:	DOW GL0BAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14492584

## 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: 9896331963 Email: fglmfrr@dow.com **BARB STIEVE Correspondent Name:** 

Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	66776-US-PCD
NAME OF SUBMITTER:	BARB STIEVE
SIGNATURE:	/Barb Stieve/
DATE SIGNED:	02/10/2015

## **Total Attachments: 6**

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ment 310 is in the ENGLISH language and has the same averages in other languages with the same 310 number and R/Date

FORM 110 (R 5/97)

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

Ewe 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: METHOD FOR MAKING POROUS ACICULAR MULLITE-CONTAINING COMPOSITES

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
61/097957	September 18, 2008	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 latigation 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.

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	At: Midland, Michigan 48674, USA
this 2 day of Acad , 20 (2)	this
Effective as of September 18, 2008	Effective as of September 18, 2008
l delle in the section l	Plan Theore
Signature:	Signature: \( \lambda
Full Name: Daniel Granol	Full Name: Chan Han
Residence: 5108 Goldenwood Drive	Residence: 506 Scenic Drive
Midland, Michigan 48640	Midland, Michigan 48642
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
or country. Cined States of Finished	or country. Office States of Principle
At: Midland, Michigan 48674, USA	At:
this day of , 20/	this day of , 20
Effective as of September 18, 2008	Effective as of
Signature:	
Signature: J. C.	Signature:
Full Name: Afeksander J. Pyzik	Full Name:
Residence 3012 Scarborouse Lane	Residence:
Mìdiand, Michi≰an 48640	
Midiand, Michigan 48640	
Midsand, Michigan 48640	Country:
	Country: Citizenship:
Mountry: United States of America	· · · · · · · · · · · · · · · · · · ·
Citizenship: United States of America	Citizenship:
Citizenship: United States of America Citizenship: United States of America P.O. Address: Same as Residence	Citizenshîp: P.O. Address:

( ) Additi

# NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland	) SS
On this 23 day of	, 20 / , personally appeared before me,
known or identified to me to be the i	Daniel Grohol  Individual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.
SEAL	Jameis & Move
	Tamara L. Grove  NOTARY PUBLIC TO THE CRAIM, MODERN MY COMMISSION EXPERS SEPTEMBER 19, 2011
NOTAR	IAL CERTIFICATE (Individual)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland	) ) SS )
On this <u>#</u> day of <u>//leu</u>	, 20 / , personally appeared before me,
	Chan Han individual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.  Kathy Sue Wertz  NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012
NOTAR	IAL CERTIFICATE (Individual)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland	) SS )
On this day of	, 20 10 , personally appeared before me, Aleksander J. Pyzik
known or identified to me to be the i	ndividual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.
SEAL	Janais R. Hove

Tomora L. Growe
NOTARY PUBLIC, U.C. AVE. COLPITY, MICHON
MY COMMISSION DEPOSES OF TEMBER 19, 2011



# 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.

8100V

101227862

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

Jeffrey W. Bullock, Secretary of State AUTHENTICATION: 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

uf

# Dow Global Technologies LLC

This Certificate of Formation of Dow Globul Technologies LLC has been duly executed und 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.</u>§18-101, <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 22 day of December, 2010.

Norcen D. Warrick

Authorized Representative

Moreen Drianuck

# 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 SEV 101227862 - 2332072 FILE

Certificate of Conversion
of

Dow Global Technologies Inc.
(a Delaware corporation)
to

Dow Global Technologies I.I.C.

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:

- The jurisdiction where the Corporation was first formed is Delawate.
- The jurisdiction immediately prior to filing this Certificate is Delaware.
- The date the Corporation was first formed is April 6, 1993.
- The name of the Corporation immediately prior to filling 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.

Name: Noreen D. Warrick

Title: Secretary

PATENT REEL: 034928 FRAME: 0709

RECORDED: 02/10/2015