

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3356134

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TODD R. BRYDEN	03/25/2009
KEVIN E. HOWARD	03/23/2009
PETER C. LEBARON	04/03/2009
STEN A. WALLIN	04/03/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE DOW CHEMICAL COMPANY
<b>Street Address:</b>	2030 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>	14226575
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(866)496-6981
<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>	651-760-3250
<b>Email:</b>	lisgentry@system.foundationip.com
<b>Correspondent Name:</b>	KSJLAW, LLC
<b>Address Line 1:</b>	P.O. BOX 517
<b>Address Line 4:</b>	WILLERNIE, MINNESOTA 55090
<b>ATTORNEY DOCKET NUMBER:</b>	67000-US-DIV
<b>NAME OF SUBMITTER:</b>	LISA D. GENTRY
<b>SIGNATURE:</b>	/Lisa D. Gentry/
<b>DATE SIGNED:</b>	05/15/2015
<b>Total Attachments: 3</b>	
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source=67000-US-PCT Assignment Inv to TDCC 5FEB2014#page2.tif	
source=67000-US-PCT Assignment Inv to TDCC 5FEB2014#page3.tif	

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R-Date

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FORM 110 (R 5/97)

# 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: **POROUS BODY PRECURSORS, SHAPED POROUS BODIES, PROCESSES FOR MAKING THEM, AND END-USE PRODUCTS BASED UPON THE SAME**

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:

**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** (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

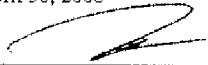
Priority Number	Filing Date	Filing Country
61/049,265	April 30, 2008	United States of America

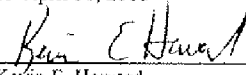
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation 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 Number, Filing Date, and Filing Country

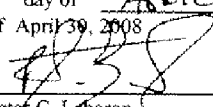
Application Number	Filing Date	Filing Country

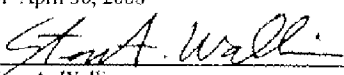
to the above Priority application of any country where that country's patent property must be identified and entered hereinabove, for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent 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: Midland, Michigan  
this 25 day of March, 20 09  
Effective as of April 30, 2008  
Signature:   
Full Name: Todd R. Bryden  
Residence: 3408 Grenbrier Ter  
Midland, Michigan 48642  
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: Midland, Michigan  
this 23rd day of March, 20 09  
Effective as of April 30, 2008  
Signature:   
Full Name: Kevin E. Howard  
Residence: 1015 Whispering Oak Drive  
Midland, Michigan 48642  
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: MIDLAND, MICHIGAN  
this 30th day of April, 20 09  
Effective as of April 30, 2008  
Signature:   
Full Name: Peter C. Lebaron  
Residence: 4131 Stark Road  
Hope, Michigan 48628  
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: Midland, Michigan  
this 30th day of April, 20 09  
Effective as of April 30, 2008  
Signature:   
Full Name: Sten A. Wallin  
Residence: 1917 Plymouth St.  
Midland, Michigan 48642-6813  
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

( ) Additional names and signatures are attached.

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date

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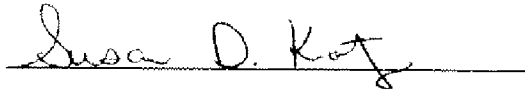
FORM 220

## NOTARIAL CERTIFICATE (Individual)

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

On this 25 day of March, 2009, personally appeared before me,  
 Todd R. Bryden

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~~


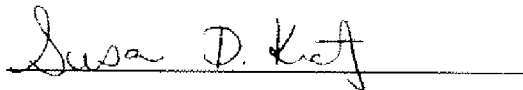
SUSAN D. KROTZER  
 NOTARY PUBLIC, MIDLAND, MI  
 ACTING IN MIDLAND COUNTY  
 MY COMMISSION EXPIRES: MARCH 07, 2015

## NOTARIAL CERTIFICATE (Individual)

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

On this 23 day of March, 2009, personally appeared before me,  
 Kevin E. Howard

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~~


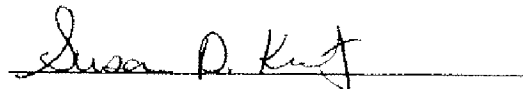
SUSAN D. KROTZER  
 NOTARY PUBLIC, MIDLAND, MI  
 ACTING IN MIDLAND COUNTY  
 MY COMMISSION EXPIRES: MARCH 07, 2015

## NOTARIAL CERTIFICATE (Individual)

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

On this 3 day of April, 2009, personally appeared before me,  
 Peter C. Lebaron

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~~


SUSAN D. KROTZER  
 NOTARY PUBLIC, MIDLAND, MI  
 ACTING IN MIDLAND COUNTY  
 MY COMMISSION EXPIRES: MARCH 07, 2015

PATENT

REEL: 035651 FRAME: 0577

NOTARIAL CERTIFICATE (Individual)

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

On this 3 day of April, 2009, personally appeared before me,  
Sten A. Wallin

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~~

Susan D. Krotzer

SUSAN D. KROTZER  
NOTARY PUBLIC, MIDLAND, MI  
ACTING IN MIDLAND COUNTY  
MY COMMISSION EXPIRES: MARCH 07, 2015