

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3972145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALEKSANDER J. PYZIK	01/19/2012
SHARON ALLEN	01/19/2012
PETER C. SAUCIER	01/18/2012
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:	14362483
CORRESPONDENCE DATA	
Fax Number:	(248)292-2910
<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>	
Phone:	2492922920
Email:	SERLA@PATENTCO.COM
Correspondent Name:	NORMAN L. SIMS
Address Line 1:	29 W. LAWRENCE STREET
Address Line 4:	PONTIAC, MICHIGAN 48342
ATTORNEY DOCKET NUMBER:	71157-US-PCT (1062.244US)
NAME OF SUBMITTER:	NORMAN L. SIMS
SIGNATURE:	/NORMAN L. SIMS/
DATE SIGNED:	07/21/2016
Total Attachments: 2	
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source=71157-US-PCT KJN executed assignments#page2.tif	

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

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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: **CEMENT AND SKINNING MATERIAL BASED ON A WATER-SWELLABLE CLAY, AND METHOD FOR PRODUCING SEGMENTED OR SKINNED CERAMIC HONEYCOMB STRUCTURES**

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 held 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 LLC
2040 Dow Center
Midland, Michigan 48674
United States of America

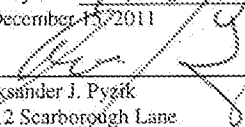
a limited liability company organized and existing under the laws of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted 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

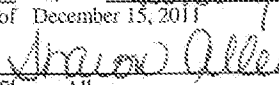
Priority Number	Filing Date	Filing Country
61/570,925	December 15, 2011	United States of America

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.

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: <u>Midland, Michigan 48674 USA</u>
this <u>14th</u> day of <u>January</u> , 20 <u>12</u>
Effective as of <u>December 15, 2011</u>
Signature: <u></u>
Full Name: <u>Aleksander J. Pyzfk</u>
Residence: <u>3012 Scarborough Lane</u> <u>Midland, Michigan 48640</u>
Country: <u>United States of America</u>
Citizenship: <u>United States of America</u>
P.O. Address: <u>Same as Residence</u>
Employed By: <u>The Dow Chemical Company</u>
Of Country: <u>United States of America</u>

At: <u>Midland, Michigan 48674 USA</u>
this <u>10th</u> day of <u>January</u> , 20 <u>12</u>
Effective as of <u>December 15, 2011</u>
Signature: <u></u>
Full Name: <u>Sharon Allen</u>
Residence: <u>1199 East Miller Road</u> <u>Midland, Michigan 48640</u>
Country: <u>United States of America</u>
Citizenship: <u>United States of America</u>
P.O. Address: <u>Same as Residence</u>
Employed By: <u>The Dow Chemical Company</u>
Of Country: <u>United States of America</u>

At: <u>Midland, Michigan 48674 USA</u>
this _____ day of _____, 20____
Effective as of <u>December 15, 2011</u>
Signature: _____
Full Name: <u>Peter C. Saucier</u>
Residence: <u>3541 Julie Ann Drive</u> <u>Midland, Michigan 48642</u>
Country: <u>United States of America</u>
Citizenship: <u>Canada</u>
P.O. Address: <u>Same as Residence</u>
Employed By: <u>The Dow Chemical Company</u>
Of Country: <u>United States of America</u>

At: _____
this _____ day of _____, 20____
Effective as of _____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

() Additional names and signatures are attached.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and 110 date.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and 110 date.

FORM 110 (R 5/07)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verify 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: **CEMENT AND SKINNING MATERIAL BASED ON A WATER-SWELLABLE CLAY, AND METHOD FOR PRODUCING SEGMENTED OR SKINNED CERAMIC HONEYCOMB STRUCTURES**

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 LLC
2040 Dow Center
Midland, Michigan 48674
United States of America

a limited liability company organized and existing under the laws 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
61/570,925	December 15, 2011	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.

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 recording 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: <u>Midland, Michigan 48674 USA</u> this _____ day of _____, 20____ Effective as of December 15, 2011 Signature: _____ Full Name: Aleksander J. Pyzik Residence: 3012 Scarborough Lane Midland, Michigan 48640 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: <u>Midland, Michigan 48674 USA</u> this _____ day of _____, 20____ Effective as of December 15, 2011 Signature: _____ Full Name: Sharon Allen Residence: 1199 East Miller Road Midland, Michigan 48640 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
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At: <u>Midland, Michigan 48674 USA</u> this <u>18</u> day of <u>January</u> , 20 <u>12</u> Effective as of December 15, 2011 Signature: <u>Peter C Saucier</u> Full Name: Peter C. Saucier Residence: 3541 Julie Ann Drive Midland, Michigan 48642 Country: United States of America Citizenship: Canada P.O. Address: Same as Residence Employed By: The Dow Chemical Company Of Country: United States of America
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At: _____ this _____ day of _____, 20____ Signature: _____ Full Name: _____ Residence: _____ Country: _____ Citizenship: _____ P.O. Address: _____ Employed By: _____ Of Country: _____
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() Additional names and signatures are attached.