

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4615502

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>SEQUENCE:</b>	5	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	KATHRYN BROWN	09/05/2013
<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:	14771932
<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 CENTE	
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674	
<b>ATTORNEY DOCKET NUMBER:</b>	74019-US-PCT	
<b>NAME OF SUBMITTER:</b>	KATHY WERTZ	
<b>SIGNATURE:</b>	/Kathy Wertz/	
<b>DATE SIGNED:</b>	09/27/2017	
<b>Total Attachments: 4</b>		
source=74019-US-PCT Inventors to DGTL Assignment#page1.tif		
source=74019-US-PCT Inventors to DGTL Assignment#page2.tif		
source=74019-US-PCT Inventors to DGTL Assignment#page3.tif		
source=74019-US-PCT Inventors to DGTL Assignment#page4.tif		

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

FORM 110 (R 5/97)

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

## 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: **PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE**

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 self, assign and transfer unto:

Dow Global Technologies LLC  
2040 Dow Center  
Midland, Michigan 48674

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
61/811,301	April 12, 2013	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: Midland, Michigan 48674 USA  
this 11<sup>th</sup> day of September, 2013  
Effective as of April 12, 2013  
Signature: Puspendu Deo  
Full Name: Puspendu Deo  
Residence: 2522 Abbott Rd., Apt #7  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: India 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 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of April 12, 2013  
Signature: \_\_\_\_\_  
Full Name: Robert L. Sammler  
Residence: 5715 Woodberry Court  
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: Midland, Michigan 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of April 12, 2013  
Signature: \_\_\_\_\_  
Full Name: Kathryn Brown  
Residence: 1740 E. High Street  
Mount Pleasant, Michigan 48858  
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: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached.

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FORM 110 (R 5/17)

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Dow Global Technologies LLC  
2040 Dow Center  
Midland, Michigan 48674

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
61/811,301	April 12, 2013	United States of America

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Subscribed and Declared by me/us:

At: Midland, Michigan 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of April 12, 2013

Signature: \_\_\_\_\_  
Full Name: Puspendu Deo  
Residence: 2522 Abbott Rd., Apt #7  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: India  
P.O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: Midland, Michigan 48674 USA  
this 29 day of August, 2013  
Effective as of April 12, 2013

Signature: Robert L. Sammler  
Full Name: Robert L. Sammler  
Residence: 5715 Woodberry Court  
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: Midland, Michigan 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of April 12, 2013

Signature: \_\_\_\_\_  
Full Name: Kathryn Brown  
Residence: 1740 E. High Street  
Mount Pleasant, Michigan 48858  
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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this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
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FORM 110 (R.5/97)

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Dow Global Technologies LLC  
2040 Dow Center  
Midland, Michigan 48674

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61/811,301	April 12, 2013	United States of America

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Effective as of April 12, 2013

Signature: \_\_\_\_\_  
Full Name: Puspendu Deo  
Residence: 2522 Abbot Rd., Apt #7  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: India  
P.O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: Midland, Michigan 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of April 12, 2013

Signature: \_\_\_\_\_  
Full Name: Robert L. Sammler  
Residence: 5715 Woodberry Court  
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: Midland, Michigan 48674 USA  
this 5 day of September, 2013  
Effective as of April 12, 2013

Signature: Kathryn Brown  
Full Name: Kathryn Brown  
Residence: 1740 E. High Street  
Mount Pleasant, Michigan 48858  
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: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_

Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached.

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**  
**2040 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

hereby accept the ASSIGNMENT which is dated: August 29, 2013; September 5, 2013 and September 11, 2013

From, the ASSIGNOR: Puspendu Deo, 2522 Abbott Rd., Apt #x7, Midland, Michigan 48642, United States of America, Citizen of India; Robert L. Sammler, 5715 Woodberry Court, Midland, Michigan 48640, United States of America, Citizen of United States of America; and Kathryn Brown, 1740 E. High Street, Mount Pleasant, Michigan 48858, United States of America, Citizen of United States of America

of the invention entitled:

**PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE**

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 21 day of September, 20 15

CORP.  
SEAL

**DOW GLOBAL TECHNOLOGIES LLC**

By: Susan M. Zerull

**SUSAN M. ZERULL**

Authorized Representative

## NOTARIAL CERTIFICATE

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

On this 21 day of September, 20 15, personally appeared before me, **SUSAN M. ZERULL**, 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 entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated June 1, 2014, is based on

**A delegation of signature authority of said Limited Liability Company**

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Kathy Sue Wertz

Kathy Sue Wertz  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018

**PATENT**