

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5790098

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT B APPELL	08/18/2017
JOSEPH L. WEIR	08/16/2017
<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>
<b>Application Number:</b>	16608892
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	302-999-4219
<b>Email:</b>	PTO-Legal.PRC@dupont.com
<b>Correspondent Name:</b>	DOW DUPONT C/O DUPONT SPECIALTY PRODUCTS
<b>Address Line 1:</b>	P.O. BOX 2915
<b>Address Line 2:</b>	974 CENTRE ROAD, CHESTNUT RUN PLAZA 721-
<b>Address Line 4:</b>	WILMINGTON, DELAWARE 19805
<b>ATTORNEY DOCKET NUMBER:</b>	DI80702-US-PCT
<b>NAME OF SUBMITTER:</b>	HANXING ZHENG
<b>SIGNATURE:</b>	/Hanxing Zheng/
<b>DATE SIGNED:</b>	10/28/2019
<b>Total Attachments: 3</b>	
source=80702USPCT_Assignment#page1.tif	
source=80702USPCT_Assignment#page2.tif	
source=80702USPCT_Assignment#page3.tif	

**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48674, USA

this 28 day of August 2017.

  
Kayleigh N. Gilmour  
Office Professional  
THE DOW CHEMICAL COMPANY

**NOTARIAL CERTIFICATE**

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

On this 28<sup>th</sup> day of August 2017, personally appeared  
before me,

**Kayleigh N. Gilmour**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

  
Notary Public  
AMBER K. MOBLEY  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES JULY 11, 2019

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

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FORM 110 (R 5/97)

## 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: **METHOD FOR CONTROLLED PREPARATION OF LOW MOLECULAR WEIGHT CELLULOSE ETHER**

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

an entity 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
62/546,046	August 16, 2017	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 Notarized 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 18 day of August, 20 17  
Effective as of August 16, 2017  
Signature: [Signature]  
Full Name: Robert B. Appell  
Mailing Address: 1603 Building, Washington Street  
Midland, Michigan 48674  
United States of America

At: Midland, Michigan 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of August 16, 2017  
Signature: \_\_\_\_\_  
Full Name: Joseph L. Weir  
Mailing Address: 1603 Building, Washington Street  
Midland, Michigan 48674  
United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

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this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Signature: \_\_\_\_\_  
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FORM 110 (R 597)

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Midland, Michigan 48674  
United States of America

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Priority Number	Filing Date	Filing Country
62/546,046	August 16, 2017	United States of America

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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.

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Effective as of August 16, 2017  
Signature: \_\_\_\_\_  
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United States of America

At: Midland, Michigan 48674 USA  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of August 16, 2017  
Signature: Joseph L. Weir  
Full Name: Joseph L. Weir  
Mailing Address: 1603 Building, Washington Street  
Midland, Michigan 48674  
United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
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Full Name: \_\_\_\_\_  
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At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

PATENT

RECORDED: 10/28/2019

REEL: 050837 FRAME: 0806