

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4046071

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EUNG KYU KIM	10/25/2011
DANIEL A. BEAUDOIN	10/25/2011
MARK A. BARGER	10/25/2011
RONALD B. LENG	10/25/2011
<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>	14240861
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)938-1982
<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>	215-938-1981
<b>Email:</b>	GARYCOHN@SEATTLEPATENT.COM
<b>Correspondent Name:</b>	THE DOW CHEMICAL COMPANY -- GARY C COHN
<b>Address Line 1:</b>	325 7TH AVENUE, #203
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92101
<b>ATTORNEY DOCKET NUMBER:</b>	71381 US-PCT
<b>NAME OF SUBMITTER:</b>	GARY C COHN
<b>SIGNATURE:</b>	/garyccohn/
<b>DATE SIGNED:</b>	09/09/2016
<b>Total Attachments: 2</b>	
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source=71381 Assignment#page2.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. The original document(s) contains the authentic signature(s) from the inventor(s).

at Midland, Michigan 48674, USA  
 this 20 day of January 20 14



**Melissa L. Van Meter**  
**Office Professional**  
**THE DOW CHEMICAL COMPANY**

**NOTARIAL CERTIFICATE**

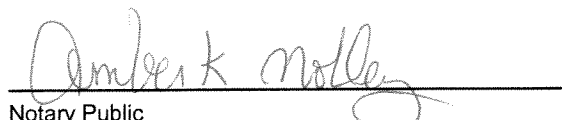
UNITED STATES OF AMERICA )  
 STATE OF **MICHIGAN** ) SS  
 County/Parish of **Midland** )

On this 20<sup>th</sup> day of January 20 14, personally  
 appeared before me,

**Melissa L. Van Meter**

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

(11) - Assignment This Assignment (11) is in the English language and has the same meaning in other languages with the same (11) number and R Date.

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FORM 110 (R 097)

**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: **MELT DEVOLATILIZATION EXTRUSION PROCESS**

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 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

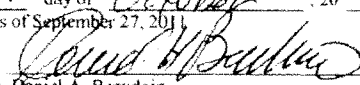
Priority Number	Filing Date	Filing Country
61-539,939	September 27, 2011	United States of America

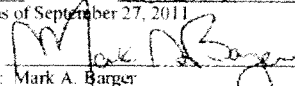
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation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

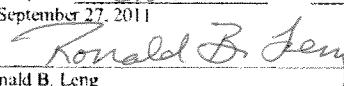
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power 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: Midland, Michigan 48674 USA  
this 25<sup>th</sup> day of October, 20 11  
Effective as of September 27, 2011  
Signature:   
Full Name: Eung Kyu Kim  
Residence: 200 Meadow Lane  
Midland, Michigan 48640  
Country: United States of America  
Citizenship: Republic of Korea  
P.O. Address: Same as residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: Midland, Michigan 48674 USA  
this 25<sup>th</sup> day of October, 20 11  
Effective as of September 27, 2011  
Signature:   
Full Name: Daniel A. Beaudoin  
Residence: 3105 Lois Avenue  
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 25 day of October, 20 11  
Effective as of September 27, 2011  
Signature:   
Full Name: Mark A. Barger  
Residence: 5401 Sturgeon Creek Parkway  
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 25 day of October, 20 11  
Effective as of September 27, 2011  
Signature:   
Full Name: Ronald B. Leng  
Residence: 2524 Brookwood Drive  
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

( ) Additional names and signatures are attached.

**PATENT****RECORDED: 09/09/2016****REEL: 039692 FRAME: 0412**