

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNQIANG LIU	11/03/2015
CHAN HAN	11/03/2015
JANET M. GROSS	11/03/2015
EDWARD M. CALVERLEY	11/03/2015
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15764633
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DATE SIGNED:	05/22/2018
Total Attachments: 1	
source=78186 Inventor Assignment US Priority#page1.tif	

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: **CARBON MOLECULAR SIEVE ADSORBENTS PREPARED FROM ACTIVATED CARBON AND USEFUL FOR PROPYLENE-PROPANE SEPARATION**

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
62/234,701	September 30, 2015	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: Midland, Michigan 48674, USA
this 3rd day of November, 20 15
Effective as of September 30, 2015
Signature: 
Full Name: Junqiang Liu
Mailing 1776 Building, Washington Street
Address: Midland, Michigan 48674
Country: United States of America

At: Midland, Michigan 48674, USA
 this 3rd day of November, 2015
 Effective as of September 30, 2015
 Signature: 
 Full Name: Chan Han
 Mailing: 1776 Building, Washington Street
 Address: Midland, Michigan 48674
 Country: United States of America

At: Midland, Michigan 48674, USA
this 3rd day of November, 2015
Effective as of September 30, 2015
Signature: 
Full Name: Janet M. Goss
Mailing 1776 Building, Washington Street
Address: Midland, Michigan 48674
Country: United States of America

At: Midland, Michigan 48674, USA
this 3 day of November, 20 15
Effective as of September 30, 2015.

Signature: Edward M. Calverley
Full Name: Edward M. Calverley
Mailing Address: 1776 Building, Washington Street
Midland, Michigan 48674
Country: United States of America

☐ Additional names and signatures are attached.