

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3201117

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	4
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEVEN D JONS	02/08/2011
XIAOHUA S QIU	02/23/2011
STEVEN ROSENBERG	02/08/2011
<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>
Application Number:	13990139
<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>	9896331963
<b>Email:</b>	fglmfrr@dow.com
<b>Correspondent Name:</b>	BARB STIEVE
<b>Address Line 1:</b>	2040 DOW CENTER
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	70770-US-PCT
<b>NAME OF SUBMITTER:</b>	BARB STIEVE
<b>SIGNATURE:</b>	/Barb Stieve/
<b>DATE SIGNED:</b>	01/28/2015
<b>Total Attachments: 3</b>	
source=70770-US-PCT 20150128 EWB Inventors to DGTL#page1.tif	
source=70770-US-PCT 20150128 EWB Inventors to DGTL#page2.tif	
source=70770-US-PCT 20150128 EWB Inventors to DGTL#page3.tif	

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

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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: COMPOSITE POLYAMIDE MEMBRANE

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 corporation 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

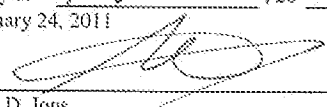
Priority Number	Filing Date	Filing Country
61/435,501	January 24, 2011	United States of America

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.

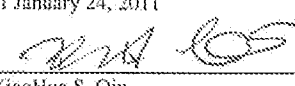
Subscribed and Declared by me/us:

At: Edina, Minnesota USA  
 this 8 day of Feb, 20 11  
 Effective as of January 24, 2011

Signature: 

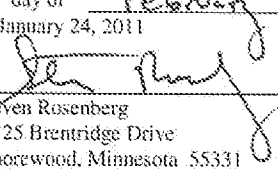
Full Name: Steven D. Jons  
 Residence: 6783 Boyd Avenue  
 Eden Prairie, Minnesota 55346  
 Country: United States of America  
 Citizenship: United States of America  
 P.O. Address: Same as Residence  
 Employed By: The Dow Chemical Company  
 Of Country: United States of America

At: Midland, Michigan 48674 USA  
 this 23 day of Feb, 20 11  
 Effective as of January 24, 2011

Signature: 

Full Name: XiaoHua S. Qiu  
 Residence: 5300 Claremont Street  
 Midland, Michigan 48642  
 Country: United States of America  
 Citizenship: People's Republic of China  
 P.O. Address: Same as Residence  
 Employed By: The Dow Chemical Company  
 Of Country: United States of America

At: Edina, Minnesota USA  
 this 8th day of February, 20 11  
 Effective as of January 24, 2011

Signature: 

Full Name: Steven Rosenberg  
 Residence: 5725 Brentridge Drive  
 Shorewood, Minnesota 55331  
 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.

This Assignment 230 is in the ENGLISH language and has the same meaning in other languages with the same 230 number and R/Date.

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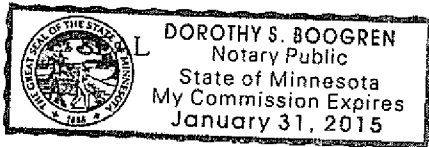
FORM 220

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ~~Michigan~~ Minnesota SS  
County/Parish of ~~Midland~~ Hennepin

On this 8<sup>th</sup> day of February, 2011, personally appeared before me,  
Steven D. Jons

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.



*Dorothy S. Boogren*

NOTARIAL CERTIFICATE (Individual)

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

On this 23 day of February, 2011, personally appeared before me,  
XiaoHua S. Qiu

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.

*SHL*

*Melissa L. Van Meter*

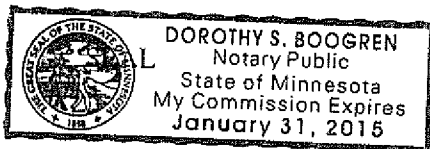
MELISSA L. VAN METER  
NOTARY PUBLIC, MIDLAND COUNTY, MI  
MY COMMISSION EXPIRES FEBRUARY 6 2013

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ~~Michigan~~ Minnesota SS  
County/Parish of ~~Midland~~ Hennepin

On this 8<sup>th</sup> day of February, 2011, personally appeared before me,  
Steven Rosenberg

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.



*Dorothy S. Boogren*

