

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4224697

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL P. SOPHIEA	12/19/2013
BINDU KRISHNAN	12/11/2013
LAURA A. GRIER	12/11/2013
<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>
<b>Application Number:</b>	15022941
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)292-2910
<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>	2482922920
<b>Email:</b>	blemanski@patentco.com
<b>Correspondent Name:</b>	NORMAN L. SIMS
<b>Address Line 1:</b>	29 W. LAWRENCE STREET
<b>Address Line 2:</b>	STE. 210
<b>Address Line 4:</b>	PONTIAC, MICHIGAN 48342
<b>ATTORNEY DOCKET NUMBER:</b>	74855-US-PCT 1062.252US
<b>NAME OF SUBMITTER:</b>	NORMAN L. SIMS
<b>SIGNATURE:</b>	/Norman L. Sims/
<b>DATE SIGNED:</b>	01/13/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 2</b>	

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This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/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: **IMPROVED POLYURETHANE PREPOLYMERS HAVING LITTLE OR NO PLASTICIZER AND THEIR USE IN VEHICULAR GLASS ADHESIVES**

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

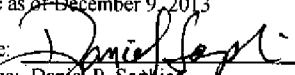
an entity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted 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

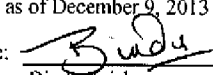
Priority Number	Filing Date	Filing Country
61/913,654	December 9, 2013	United States of America

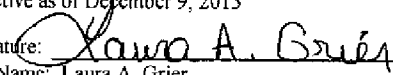
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation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

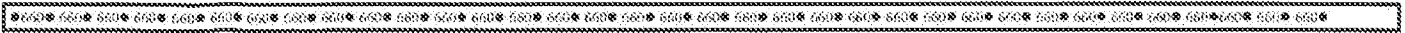
At: <u>Auburn Hills, Michigan 48326 USA</u>
this <u>19</u> day of <u>DECEMBER</u> , 20 <u>13</u>
Effective as of December 9, 2013
Signature: 
Full Name: Daniel P. Sophia
Residence: 84 Overlake Drive Lake Orion, Michigan 48362
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: <u>Freeport, Texas 77541 USA</u>
this <u>11</u> day of <u>December</u> , 20 <u>13</u>
Effective as of December 9, 2013
Signature: 
Full Name: Bindu Krishnan
Residence: 501 Deerwood Drive Lake Jackson, Texas 77566
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: <u>Freeport, Texas 77541 USA</u>
this <u>11</u> day of <u>Dec.</u> , 20 <u>13</u>
Effective as of December 9, 2013
Signature: 
Full Name: Laura A. Grier
Residence: 2780 County Road 344 Brazoria, Texas 77422
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 _____
Effective as of _____, 2013
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.



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FORM 660

# ASSIGNEE ACCEPTANCE

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

hereby accept the ASSIGNMENT attached hereto which is dated: December 19, 2013; December 11, 2013 and December 11, 2013, respectively

From, the ASSIGNOR: Daniel P. Sophia, 84 Overlake Drive, Lake Orion, Michigan 48362, United States of America, Citizen of United States of America; Bindu Krishnan, 501 Deerwood Drive, Lake Jackson, Texas 77366, United States of America, Citizen of United States of America; and Laura A. Grier, 2780 County Road 344, Brazoria, Texas 77422, United States of America, Citizen of United States of America.

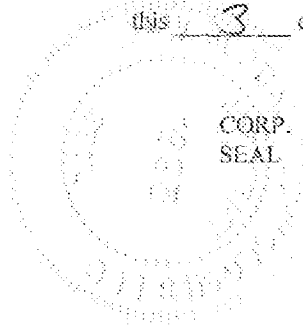
of the invention entitled:

IMPROVED POLYURETHANE PREPOLYMERS HAVING LITTLE OR NO PLASTICIZER AND THEIR USE IN VEHICULAR GLASS ADHESIVES

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 3 day of January, 20 14



**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 3 day of January, 20 14, 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, 2012**, 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 Swallow  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018

**PATENT**