

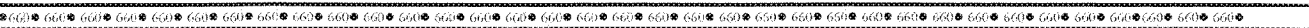
## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5910241

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE DOW CHEMICAL COMPANY	02/03/2014
<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>	16741987
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(937)449-6405
<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>	9374496400
<b>Email:</b>	daytonipdocket@dinsmore.com
<b>Correspondent Name:</b>	DINSMORE & SHOHL LLP
<b>Address Line 1:</b>	FIFTH THIRD CENTER, ONE S. MAIN STREET
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	DAYTON, OHIO 45412
<b>ATTORNEY DOCKET NUMBER:</b>	75444-US-PCD/DOW75444VA
<b>NAME OF SUBMITTER:</b>	CHRISTI PROVINI
<b>SIGNATURE:</b>	/Christi Provini/
<b>DATE SIGNED:</b>	01/14/2020
<b>Total Attachments: 3</b>	
source=Assignment - Dow Chemical to Dow Global Tech LLC#page1.tif	
source=Assignment - Dow Chemical to Dow Global Tech LLC#page2.tif	
source=Assignment - Dow Chemical to Dow Global Tech LLC#page3.tif	

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



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

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 which is dated: February 3, 2014  
effective as of December 13, 2013

From, the ASSIGNOR:  
**THE DOW CHEMICAL COMPANY**  
2030 Dow Center  
Midland, Michigan 48674  
United States of America

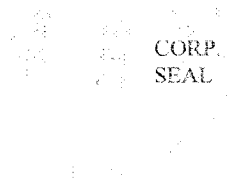
of the invention entitled:

**BUTADIENE TELOMERIZATION CATALYST PRECURSOR PREPARATION**

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 5 day of February, 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 5 day of February, 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**

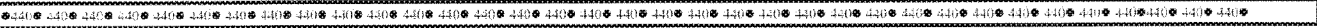
which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Kathy Sue Warr  
NOTARY PUBLIC

*Kathy Sue Warr*  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.



This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.  
FORM 440

# ASSIGNMENT (with Priority Rights) and INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **THE DOW CHEMICAL COMPANY**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

an entity **organized and existing under the laws of the State of Delaware, United States of America** do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s)

Georg Bar, Eulenbergallee 14, 04416 Markkleeberg, Germany, Citizen of Germany  
 by an Assignment dated: January 17, 2014 of an invention relating to and entitled:

## BUTADIENE TELOMERIZATION CATALYST PRECURSOR PREPARATION

We do hereby declare, for good and valuable consideration effective as of December 13, 2013, received, sell, assign, and transfer unto

WE, the ASSIGNEE: **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, United States of America** our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee, and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/915,781	December 13, 2013	United States of America

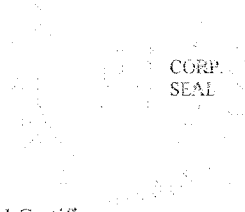
of the application on which the priority will be based, and in and to any Letters Patent that may be issued for said invention in any and all countries, and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee, and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment, and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Sworn by us at Midland, Michigan 48674, USA

this 3 day of February, 2014

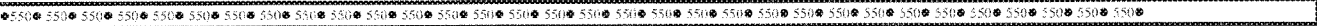


**THE DOW CHEMICAL COMPANY**

By:   
**DARRYL P. FRICKEY**  
 Authorized Representative

Attach Notarial Certificate

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number



This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

FORM 550

### NOTARIAL CERTIFICATE

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

On this 3 day of February, 2014, personally appeared before me, **DARRYL P. FRICKEY, 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 **July 12, 2013**, is based on  
**a Certified Resolution**

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

NOTARY PUBLIC *Kathy Sue Wertz*  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018