

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3648528

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOW INTERNATIONAL TECHNOLOGY CORPORATION	01/18/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE DOW CHEMICAL COMPANY
<b>Street Address:</b>	2030 DOW CENTER
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14114717
<b>Application Number:</b>	61493553
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(866)496-6981
<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>	651-760-3256
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<b>Correspondent Name:</b>	KSJLAW, LLC
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<b>ATTORNEY DOCKET NUMBER:</b>	69820-US-PCT
<b>NAME OF SUBMITTER:</b>	LISA D. GENTRY
<b>SIGNATURE:</b>	/Lisa D. Gentry/
<b>DATE SIGNED:</b>	12/08/2015
<b>Total Attachments: 3</b>	
source=69820-XX-PCT DITC to TDCC Assn 29OCT2013#page1.tif	
source=69820-XX-PCT DITC to TDCC Assn 29OCT2013#page2.tif	
source=69820-XX-PCT DITC to TDCC Assn 29OCT2013#page3.tif	

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

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FORM 440

# ASSIGNMENT (with Priority Rights) and INVENTORSHIP DECLARATION

**We, ASSIGNOR, of:** **DOW INTERNATIONAL TECHNOLOGY CORPORATION**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

a corporation **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):

Srikant Gopal, E1-501, HariGanga Society, Yerwada, Pune-411006, India, Citizen of India; Lakshmi N. Vutukuru, Murthy, Flat no. 206, golden Nest Apts, 29 Adugodi Main Road, Bangalore-560030, India, Citizen of India; and Arun G. Basrur, 3, Abhishek, 804/B, Bhandarkar Road, Pune-411004, India, Citizen of India

by an Assignment dated: January 5, 2012, respectively of an invention relating to and entitled:

## METHODS FOR PRODUCING EPOXIDATION CATALYSTS AND EPOXIDATION METHODS

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

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

a corporation **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
61/493,553	June 6, 2011	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 18 day of January, 20 12

**DOW INTERNATIONAL TECHNOLOGY CORPORATION**

CORP.  
SEAL

By:   
**DARRYL P. FRICKEY**  
 Secretary

Attach Notarial Certificate (Corporation)

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 (Corporation)

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

On this 18 day of January, 20 12, personally appeared  
 before me, **DARRYL P. FRICKEY, Secretary**,  
 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 Corporation incorporated under the laws of **the State of Delaware, United**  
**States of America.**

I further certify that said authority, dated **April 1, 2011**, is based on

**an Authorization Policy of the said Corporation**

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

SEAL

*K*

*Kathy Sue Wertz*  
 Kathy Sue Wertz  
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES APRIL 07, 2012

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

hereby accept the ASSIGNMENT attached hereto which is dated: January 18, 2012

From, the ASSIGNOR:  
**DOW INTERNATIONAL TECHNOLOGY CORPORATION**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**United States of America**

of the invention entitled:

**METHODS FOR PRODUCING EPOXIDATION CATALYSTS AND EPOXIDATION METHODS**

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 18 day of January, 20 12

CORP.  
SEAL

**THE DOW CHEMICAL COMPANY**

By: Darryl P. Frickey  
**DARRYL P. FRICKEY**  
 Assistant General Counsel – IP Law

**NOTARIAL CERTIFICATE (Corporation)**

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

On this 18 day of January, 2012, personally appeared  
 before me, **DARRYL P. FRICKEY, Assistant General Counsel – IP Law**,  
 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 Corporation incorporated under the laws of **the State of Delaware, United**  
**States of America.**

I further certify that said authority, dated **April 6, 2011**, is based on

**a Certified Resolution**

which I have seen, appointing the said individual Assistant General Counsel – IP Law with full power  
 to sign the foregoing document on behalf of the said corporation and that the purposes for which said  
 document is granted are within the scope of the objects or activities of said corporation.

SEAL



Kathy Sue Wertz  
 Kathy Sue Wertz  
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES APRIL 07, 2012