

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2821346

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOW INTERNATIONAL TECHNOLOGY CORPORTATION	02/24/2011
RECEIVING PARTY DATA	
Name:	THE DOW CHEMICAL COMPANY
Street Address:	2030 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13825610
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	9896360618
Email:	roedel@dow.com
Correspondent Name:	MATTHEW ROEDEL
Address Line 1:	2040 DOW CENTER
Address Line 4:	MIDLAND, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	69216-US-PCT
NAME OF SUBMITTER:	MATTHEW ROEDEL
SIGNATURE:	/Matthew Roedel/
DATE SIGNED:	04/21/2014
Total Attachments: 3	
source=69216-US-PCT 20140421 DRH DITC to Dow Chemical#page1.tif	
source=69216-US-PCT 20140421 DRH DITC to Dow Chemical#page2.tif	
source=69216-US-PCT 20140421 DRH DITC to Dow Chemical#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):

Palanichamy Manikandan, B2-401, Lunkad Amazon, Viman Nagar, Pune-411014, India, Citizen of India, Sreenivasa Rao, A2/302, Kumar Prerna Apts, DP Road, Aundh, Pune-411007, India, Citizen of India; and Phani K. Bollapragada, 22, Buena Monte, NCL Society., Pashan Road, Pune-411008, India, Citizen of India

by an Assignment dated: January 5, 2011
of an invention relating to and entitled:

HETEROGENEOUS CATALYSTS

We do hereby declare, for good and valuable consideration, effective as of October 11, 2010, 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
61/391,742	October 11, 2010	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 24 day of February, 20 11

DOW INTERNATIONAL TECHNOLOGY CORPORATION

By: Michael L. Glenn
MICHAEL L. GLENN
Authorized Representative

Attach Notarial Certificate (Corporation)

FORM 550

REEL: 032714 FRAME: 0479

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: February 24, 2011

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

of the invention entitled:

HETEROGENEOUS CATALYSTS

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 24 day of February, 20 11

THE DOW CHEMICAL COMPANY

CORP
SEAL

By: Michael L. Glenn
MICHAEL L. GLENN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

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

On this 24 day of February, 20 11, personally appeared before me, **MICHAEL L. GLENN, 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 Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated **February 9, 2006**, is based on

an authority of a Resolution by the Board of Directors

which I have seen, appointing the said individual Authorized Representative 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