503849276 05/31/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3895925

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DOW INTERNATIONAL TECHNOLOGY CORPORATION	01/25/2012

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:	14364693	

CORRESPONDENCE DATA

Fax Number: (937)449-6405

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.

Phone: 937/449-6400

Email: theresa.oldfield@dinsmore.com
Correspondent Name: DINSMORE & SHOHL LLP

Address Line 1: FIFTH THIRD CENTER, ONE S. MAIN STREET

Address Line 2: SUITE 1300

Address Line 4: DAYTON, OHIO 45402

ATTORNEY DOCKET NUMBER:	DOW 70423 PA/40224-377	
NAME OF SUBMITTER:	THERESA OLDFIELD	
SIGNATURE:	/Theresa Oldfield/	
DATE SIGNED:	05/31/2016	

Total Attachments: 3

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PATENT 503849276 REEL: 038752 FRAME: 0767

●660 ● 660 ●

This Assignce 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: 25, 20/2; effective as of December 15, 2011

From, the ASSIGNOR:

DOW INTERNATIONAL TECHNOLOGY CORPORATION

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

IODINE-BASED CATALYST FOR REDUCTIVE DEHYDROXYLATION OF VICINAL POLYOLS TO OLEFINS

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.

, Şigned a	t Midland	i, Michigan 48674, U	SA	.
this	25 day of _	January	, 20 <u>1 2</u>	-
12 11	, ,	THE DOV	V CHEMICAL COMP.	ANY
	CORP.	7	MAT	
	SEAL	_ <i>_ _</i>	コールエ・エ	
		Ву:		
1 44	`		RYL P. FRICKEY	
	•	Assist	ant General Counsel - l	r Law

NOTARIAL CERTIFICATE (Corporation)

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

On this 25 day of Jenuary, 20 (2, 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

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

PATENT

REEL: 038752 FRAME: 0768

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:

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)

Raj Deshpande, D-6, Sai Vihar Apts. Karvenagar, Pune-411052, India, Citizen of India; Paul Davis, R-301, IRIS, Magarpatta City, Hadaspar, Pune-411013, India, Citizen of India; Vandana Pandey, B-4/5, Utkarsh Nagar, Had, Pune-411028, India, Citizen of India, and Nitin Kore, 24/2, Swami Vivekanand Socity-2, Vilajapur Road, Solapur-413004, India, Citizen of India by an Assignment dated: January 18, 2012 and January 9, 2012 and , respectively of an invention relating to and entitled:

IODINE-BASED CATALYST FOR REDUCTIVE DEHYDROXYLATION OF VICINAL **POLYOLS TO OLEFINS**

We do hereby declare, for good and valuable consideration effective as of December 15, 2011, 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
61/570 949	December 15, 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 Swom by us at ___ Midland, Michigan 48674, USA DOW INTERNATIONAL TECHNOLOGY CORPORATION

CORP SEAL.

Secretary

Attach Notarial Certificate (Corporation)

PATENT

REEL: 038752 FRAME: 0769

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 <u>35</u> day of <u>January</u> , 20/2, personally appeared before me, DARRYL P. FRICKEY, Secretary, known or identified to me to be the individual described in and who executed the foregoing documen 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

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

PATENT

REEL: 038752 FRAME: 0770

RECORDED: 05/31/2016