503008447 10/07/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3055047

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY	DATA		
		Name Execution Da	
UNION CARBIDE CHEMICALS & PLA		LASTICS TECHNOLOGY LLC 04/29/2011	
RECEIVING PARTY	ΟΑΤΑ		
Name:	THE DOW	THE DOW CHEMICAL COMPANY	
Street Address:	2030 DOW	/ CENTER	
City:	MIDLAND		
State/Country:	MICHIGAN	MICHIGAN	
Postal Code:	48674		
		1	
Property Typ		Number	
Application Number:	: 138	385033	
CORRESPONDENCE	DATA		
CORRESPONDENCE Fax Number:		4)223-5000	
Correspondence will	(41 I be sent to th	e e-mail address first; if that is unsuccessful, it will be sent	
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Fax Number: <i>Correspondence will</i> <i>using a fax number</i> , Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3	(41 <i>if provided; if</i> 414 jpol e: JEF WH 555 MIL NUMBER: R: 	e e-mail address first; if that is unsuccessful, it will be sent that is unsuccessful, it will be sent via US Mail. 19785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK SC 5 EAST WELLS STREET, SUITE 1900 WAUKEE, WISCONSIN 53202 DOW-36738-A-US JERE L. POLMATIER /jlp/ 10/07/2014	

received, sell,

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:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2020 Dow Center Midland, Michigan 48674 United States of America

a Limited Liability Company organized and existing under the laws of **Delaware** 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):

Donald L. Campbell Jr., 5331 Highway 44, Sorrento, Louisiana 70778, United States of America; Thomas C. Eisenschmid, 5407 Tiffany Drive, Cross Lanes, West Virginia 25313, United States of America

by an Assignment dated: April 12, 2011 and March 28, 2011 of an invention relating to and entitled:

MITIGATION OF FOULING HYDROFORMYLATION PROCESSES BY WATER ADDITION

We do hereby declare, for good and valuable consideration 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 the Priority Number <u>61/412,983</u> and Filing Date <u>November 12, 2010</u>

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 No. ______and Filing Date ______in

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, U.S.A.	
this 29 day of April	. 20//	
CORP	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC	
SEAL	By: Charles Manuer III	
	Secretary	

Attach Notarial Certificate (Corporation)

PATENT REEL: 033901 FRAME: 0898

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 County/Parish of Midland

) SS

On this <u>29</u> day of <u>Apr</u> . 1 before me, CHARLES J. MAURER III, Secretary

, 20//____, personally appeared

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 Delaware.

)

I further certify that said authority, dated December 31, 2007, is based on

Authorization Policy of said Limited Liability Company

which I have seen, appointing the said individual Attorney-in-fact 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.

Notary Public

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

Ka

SEAL

PATENT REEL: 033901 FRAME: 0899 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: April 29, 20 (1

From, the ASSIGNOR: UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2020 Dow Center Midland, Michigan 48674 United States of America

of the invention entitled:

MITIGATION OF FOULING HYDROFORMYLATION PROCESSES BY WATER ADDITION

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, U.S.A.
this 29 day of April , 20 11
CORP. SEAL: By: 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 <u>29</u> day of <u>April</u> , <u>2011</u> , 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 Resolution of the Board of Directors of the said Corporation
which I have seen, appointing the said individual Attorney-in-fact 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

Notary Public

Kathy Sue Wertz NOTARY PUBLIC STOLED COUNTY, MICHIGAN MY COMMISSION CAPIRES APRIL 07, 2012