## 503008470 10/07/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3055070

	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEY	ANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
THE DOW CHEMICAL	COMPANY		04/29/2011		
Name:		HNOLOGY INVESTMENTS LL	.C		
Street Address:		/ CENTER			
City:	MIDLAND				
State/Country:	MICHIGA	N			
Postal Code:	48674				
	_				
Property Type		Number			
Application Number:	13	385033			
CORRESPONDENCE					
CORRESPONDENCE	DATA				
	(1	1)222 5000			
Fax Number:	•	4)223-5000 e e-mail address first: if that i	is unsuccessful it will be sent		
Fax Number: Correspondence will	be sent to th	,	is unsuccessful, it will be sent e sent via US Mail.		
Fax Number: Correspondence will	be sent to ti f provided; i	e e-mail address first; if that i			
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email:	<b>be sent to ti</b> f <b>provided; i</b> 41 jpo	<b>e e-mail address first; if that i</b> <b>that is unsuccessful, it will b</b> 19785559 Imatier@whdlaw.com			
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name	be sent to ti f provided; i 41 jpo :: JE	e e-mail address first; if that is that is unsuccessful, it will b 19785559 Imatier@whdlaw.com RE L POLMATIER	e sent via US Mail.		
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1:	be sent to ti f provided; i 41 jpo :: JE W	e e-mail address first; if that is that is unsuccessful, it will b 19785559 Imatier@whdlaw.com RE L POLMATIER 1YTE HIRSCHBOECK DUDEK	<b>e sent via US Mail.</b> SC		
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2:	be sent to ti f provided; i 41 jpo :: JE W 55	e e-mail address first; if that is that is unsuccessful, it will b 49785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1:	be sent to ti f provided; i 41 jpo :: JE W 55	e e-mail address first; if that is that is unsuccessful, it will b 19785559 Imatier@whdlaw.com RE L POLMATIER 1YTE HIRSCHBOECK DUDEK	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	be sent to ti f provided; i 41 jpo :: JE W 55 Mi	e e-mail address first; if that is that is unsuccessful, it will b 49785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	be sent to ti f provided; i 41 jpo JE W 55 MI NUMBER:	e e-mail address first; if that is that is unsuccessful, it will b 19785559 Imatier@whdlaw.com RE L POLMATIER 1YTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT WAUKEE, WISCONSIN 53202	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2:	be sent to ti f provided; i 41 jpo JE W 55 MI NUMBER:	e e-mail address first; if that is that is unsuccessful, it will b 49785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT WAUKEE, WISCONSIN 53202	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER	be sent to ti f provided; i 41 jpo JE W 55 MI NUMBER:	e e-mail address first; if that is that is unsuccessful, it will b 49785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT WAUKEE, WISCONSIN 53202 DOW-36738-A-US JERE L. POLMATIER	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE:	be sent to ti f provided; i 41 jpo JE W 55 MI NUMBER:	e e-mail address first; if that is that is unsuccessful, it will b 19785559 Imatier@whdlaw.com RE L POLMATIER TYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT WAUKEE, WISCONSIN 53202 DOW-36738-A-US JERE L. POLMATIER /jlp/	<b>e sent via US Mail.</b> SC E 1900		
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	be sent to ti f provided; i 41 jpo UMBER:	e e-mail address first; if that is that is unsuccessful, it will b 49785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT WAUKEE, WISCONSIN 53202 DOW-36738-A-US JERE L. POLMATIER /jlp/ 10/07/2014	<i>e sent via US Mail.</i> SC E 1900		
Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3	be sent to ti f provided; i 41 jpd v: JE W 55 M <b>VUMBER:</b> : :	e e-mail address first; if that is that is unsuccessful, it will b 19785559 Imatier@whdlaw.com RE L POLMATIER HYTE HIRSCHBOECK DUDEK 5 EAST WELLS STREET, SUIT WAUKEE, WISCONSIN 53202 DOW-36738-A-US JERE L. POLMATIER /jlp/ 10/07/2014	<i>e sent via US Mail.</i> SC E 1900		

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

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):

Glenn A. Miller, 2515 Woodland Avenue, South Charleston, West Virginia 25303, United States of America; Michael A. Brammer, 53 Southernwood Court, Lake Jackson, Texas 77566, United States of America; 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:

of an invention relating to and entitled:

MITIGATION OF FOULING HYDROFORMYLATION PROCESSES BY WATER ADDITION

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

WE, the ASSIGNEE:

#### DOW TECHNOLOGY INVESTMENTS LLC 2020 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
61/412,983	November 12, 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

April , 20 N

CORP. SEAL

THE DOW CHEMICAL COMPANY Bv Darryl P. Frickey Assistant General Counsel - IP Law

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.

FORM 550

### **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>, 20<u>//</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

### 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.

Kalky Sue Weit

NOTARY PUBLIC, Nº LAND COULTY MCHIGAN MY COMMISSION DEPIRES APAILOF, 2012

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

• 660 • 660

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 TECHNOLOGY INVESTMENTS LLC 2020 Dow Center Midland, Michigan 48674 United States of America

April 29,2011

hereby accept the ASSIGNMENT attached hereto which is dated:

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY 2030 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.

Signe	ed at	Midland	<u>, Michigan 48674, US</u>	<u>SA</u>
this	2	day of	May	, 20 _//
			DOW TEC	HNOLOGY INVESTMENTS LLC
	COR	Р.		
	SEA	L	$\bigcirc$	$\sim 211$
			By:	have Allow ette
			CHAR	LES J. MAUBER III
			Secreta	

**NOTARIAL CERTIFICATE** (Corporation)

UNITED STATES OF AMI	ERICA
STATE OF MICHIGAN	
County/Parish of Midland	. 1

) ) SS )

Mari 2 day of \_\_\_\_ . 20 , personally appeared On this \_ before me, CHARLES J. MAURER III, 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 July 19, 2007, is based on

### Authorization Policy of said Limited Liability Company

which I have seen, appointing the said individual 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.

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

16. 2-

PATENT REEL: 033902 FRAME: 0025

**RECORDED: 10/07/2014**