## 502469779 08/23/2013

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Dow Stade Produktions GMBH & CO. OHG (Formerly known as Dow Deutschland GMBH & CO.	00/14/0010
OHG)	00/14/2013

#### 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:	12901305

#### **CORRESPONDENCE DATA**

Fax Number: 8664966981

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 651-760-3250
Email: kim@ksjlaw.com
Correspondent Name: Kimberly S. Jordahl
Address Line 1: PO Box 517

Address Line 4: Willernie, MINNESOTA 55090

ATTORNEY DOCKET NUMBER:	69036-US-NP DOW DETOTDCC	
NAME OF SUBMITTER:	Kimberly S. Jordahl	
Signature:	/Kimberly S. Jordahl/	
Date:	08/23/2013	

#### Total Attachments: 3

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PATENT REEL: 031071 FRAME: 0357 | \$40.00 12901305|

◆440 ◆ 440

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)

## INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

DOW STADE PRODUKTIONS GMBH & CO. OHG (FORMERLY KNOWN AS DOW DEUTSCHLAND GMBH & CO OHG)

Buetzflether Sand D-21683 Stade Germany

an entity **organized and existing under the laws of the State of GERMANY** 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):

Juergen Eiffler, Ystadweg 4, 21682 Stade, Germany, Citizen of Germany; Heinz Groenewald, Butendiek 18, 21714 Hammah, Germany, Citizen of Germany; Manfred Kokott, Vergissmeinnicht 13, 21682 Stade, Germany, Citizen of Germany; Thomas U. Luebbe, Lemmermannweg 13, 21684 Stade, Germany, Citizen of Germany; Peter Wenzel, St. Petri Platz 7, 21614 Buxtehude, Germany, Citizen of Germany; and Marcus Wobser, Haydnweg 1, 21682 Stade, Germany, Citizen of Germany by an Assignment dated: February 5, 2010; February 8, 2010; February 10, 2010; February 24, 2010 and March 16, 2012

by an Assignment dated: February 5, 2010; February 8, 2010; February 10, 2010; February 24, 2010 and March 16, 2012, respectively of an invention relating to and entitled:

# ISOTHERMAL MULTITUBE REACTORS AND PROCESSES INCORPORATING THE SAME

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

an entity **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
I	61/250,030	October 9, 2009	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	
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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 14 day of August, 20 13

DOW STADE PRODUKTIONS GMBH & CO. OHG (FORMERLY KNOWN AS DOW DEUTSCHLAND

GMBH & CO OHG)

CORP SEAL

Attach this Assignee Acceptance 660 to an ASSIGNMENT in the English language

DARRYL P. FRICKEY

**Authorized Representative** 

Attach Notarial Certificate

●550 ● 550 ●

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

STATE OF MICHIGAN	) 55	
County/Parish of Midland	)	
•	,	

On this \_\_\_\_\_\_\_, 20\_13\_\_\_\_\_, personally appeared before me, DARRYL P. FRICKEY, 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 entity organized and existing under the laws of **GERMANY**.

I further certify that said authority, dated March 25, 2011, is based on

## by authority of a Power of Attorney

UNITED STATES OF AMERICA )

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

SEAL

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018

PATENT REEL: 031071 FRAME: 0359 ●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:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 **United States of America** 

hereby accept the ASSIGNMENT attached hereto which is dated: August 14, 2013

From, the ASSIGNOR:

DOW STADE PRODUKTIONS GMBH & CO. OHG (FORMERLY KNOWN AS DOW DEUTSCHLAND GMBH & CO OHG)

**Buetzflether Sand** D-21683 Stade Germany

of the invention entitled:

## ISOTHERMAL MULTITUBE REACTORS AND PROCESSES INCORPORATING THE SAME

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	d, Michigan 48674, USA	
	this	14 day of _	August, 20 13	
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			THE DOW CHEMICAL COMPANY	
	C	ORP.		
	S	EAL		
			By:	
4		e g . *·	DARRYL P. FRICKEY	
	1000		Authorized Representative	

## NOTARIAL CERTIFICATE

UNITED STATES OF AM	ERICA )		
STATE OF MICHIGAN	) SS		
County/Parish of Midland	)		
On this day of	4 ugust	, 20 <u>13</u>	, personally appeared
before me, DARRYL P. FRIC	KEY, Authorized Rep	presentative,	
known or identified to me to be the	ne individual described	in and who exe	cuted the foregoing document
and acknowledged the same as a f			
authority of the said entity organiz	zed and existing under	the laws of the	State of Delaware, United
States of America.			

I further certify that said authority, dated July 12, 2013, is based on

#### a Certified Resolution

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

SEAL

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN

MY COMMISSION EXPIRES APRIL 07, 2018

**PATENT** REEL: 031071 FRAME: 0360

RECORDED: 08/23/2013 eptance 660 to an ASSIGNMENT in the English language