#### 503298176 05/08/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3344794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THE DOW CHEMICAL COMPANY	02/10/2012

#### **RECEIVING PARTY DATA**

Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14232949

#### **CORRESPONDENCE DATA**

Fax Number: (414)223-5000

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.

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Email: ipolmatier@whdlaw.com Correspondent Name: JERE L POLMATIER

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Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	DOW-36367-A-US
NAME OF SUBMITTER:	JERE L. POLMATIER
SIGNATURE:	/jlp/
DATE SIGNED:	05/08/2015

#### **Total Attachments: 3**

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> **PATENT REEL: 035593 FRAME: 0648** 503298176

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This Assignment, 440 is in the ENGLISH language and has the same meaning in other languages with the same +40 number FORM, 440

#### ASSIGNMENT

(with Priority Rights)

#### 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):

Lu Journey Zhu, 25-102; Yifeng 55, Pudong, Shanghai 201210, People's Republic of China, Citizen of People's Republic of China, Bin Li, 90-1102, 1717 Long Wu Road, Xuhui District, Shanghai 200231, People's Republic of China, Citizen of People's Republic of China, Lin Lu, 16-202; 1177 Shang Cheng Road, Shanghai 200120, People's Republic of China, Citizen of People's Republic of China, Given Jing Chen, Room 301, No. 68, Lanc 3536, Yindu Road, Shanghai 201108, People's Republic of China, Citizen of People's Republic of China, Citizen of People's Republic of China, Citizen of United States of America; and David Hong Fet Guo, #15/1401, 199 Bai Yang Road, Pudong, Shanghai 201204, People's Republic of China, Citizen of United States of America;

by an Assignment dated. December 16, 2011; December 22, 2011; December 5, 2011; December 22, 2011; December 22, 2011; December 22, 2011; and December 15, 2011, respectively of an invention relating to and entitled.

# MIGRATION-FREE, HALOGEN-FREE, FLAME RETARDANT THERMOPLASTIC POLYURETHANE COMPOSITIONS

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

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES LLC

2040 Dow Center Midland, Michigan 48674 United States of America

a Limited Liability Company 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
PCT/CN2010/071473		
	March 31, 2010	
	March 31, 2010	DCT T
***		

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
rung 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

This 10 th day of 10 the DYUGIN 1 20 10 THE DOW CHEMICAL COMPANY

SPAL

By DARRYL P. FRICKEY

Assistant General Counsel - IP Law

Attach Notarial Certificate (Corporation)

PATENT REEL: 035593 FRAME: 0649 This Notanal Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number

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This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number FORM 550

SEAL

NOTARIAL CERTIFICATE (Corporation)
UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of いいしょやい )
On this 10 day of 10 for 10 day, 20 12, 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.
Relica Sue Hallershave
Reduced She Hollings I I Higan Notably 2004. She holling Johnson My Colours 25, 2012

**PATENT REEL: 035593 FRAME: 0650**  This Assignee Acceptance 660 is in the ENGLISH language and has the same memory in other languages with the same 660 number

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:

DOW GLOBAL TECHNOLOGIES LLC

2040 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: February 10, 2012

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

# MIGRATION-FREE, HALOGEN-FREE, FLAME RETARDANT THERMOPLASTIC POLYURETHANE COMPOSITIONS

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 <u>/3</u>	day of February	, 20 <u>/ 2</u>
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CORF SEAL	$\mathcal{L}_{\mathcal{L}}$	ECHNOLOGIES LLC
	JOHN B. TRE Authorized Re	
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## NOTARIAL CERTIFICATE (Corporation)

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

On this 13 day of February, 2012, personally appeared before me, JOHN B. TREANGEN, 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 Limited Liability Company under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated January 6, 2011, is based on

A delegation of signature authority of said Limited Liability Company

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

SEAL.

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PATENT REEL: 035593 FRAME: 0651

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**RECORDED: 05/08/2015**