

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3344786

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOW CHEMICAL (CHINA) COMPANY LIMITED	01/11/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE DOW CHEMICAL COMPANY
<b>Street Address:</b>	2030 DOW CENTER
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14232949
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)223-5000
<i>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.</i>	
<b>Phone:</b>	4149785559
<b>Email:</b>	jpolmatier@whdlaw.com
<b>Correspondent Name:</b>	JERE L. POLMATIER
<b>Address Line 1:</b>	WHYTE HIRSCHBOECK DUDEK SC
<b>Address Line 2:</b>	555 EAST WELLS STREET, SUITE 1900
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	DOW-36367-A-US
<b>NAME OF SUBMITTER:</b>	JERE L. POLMATIER
<b>SIGNATURE:</b>	/jlp/
<b>DATE SIGNED:</b>	05/08/2015
<b>Total Attachments: 3</b>	
source=DOW36367assign2#page1.tif	
source=DOW36367assign2#page2.tif	
source=DOW36367assign2#page3.tif	

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:

**DOW CHEMICAL (CHINA) COMPANY LIMITED**  
**Room 604A-17, Tower 2, No. 351, Guo Shoujing Road**  
**Zhangjiang Hi-Tech Park**  
**Shanghai 201203**  
**People's Republic of China**

a corporation **organized and existing under the laws of CHINA** 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):

Journey Lu 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 200233, People's Republic of China, Citizen of People's Republic of China; Lan Lu, Flat 7, 6 Partick Bridge Street, Glasgow, G11 6PL, United Kingdom, Citizen of People's Republic of China; Given Jing Chen, Room 1103, Building 10, Lane 128 LongRui Rd, Xuhui District, 200231, Shanghai, People's Republic of China, Citizen of People's Republic of China; Qin Deng, No. 2 Room 402, 300 Jin Xiu Road, Shanghai 200135, People's Republic of China, Citizen of United States of America; and Hong Fei David Guo, Apt. 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 5, 2011; December 15, 2011; December 16, 2011; and December 22, 2011; with an effective date as of August 31, 2011**  
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, effective as of March 31, 2010, 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
PCT/CN2011/079164	August 31, 2011	International

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

This 11th Day of January, 2012



**DOW CHEMICAL (CHINA) COMPANY LIMITED**

By: ZHIQIANG (ZACK) ZHAO

Attach Subscribing Witness (Corporation)

**SUBSCRIBING WITNESS**  
**AFFIDAVIT OF EXECUTION**

(CORPORATE OFFICER)

Print or Type  
Name and Address  
of Subscribing Witness

I, Rita Dai

Whose full post office address is:

No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, P.R.China

Make Oath and say that I was personally present and did see:

Print or Type  
Name of Corporation  
Officer and Title

Zhiqiang (Zack) Zhao

of DOW CHEMICAL (CHINA) COMPANY LIMITED  
Unit 01, F Zone, 3F, 3<sup>rd</sup> Building, No. 936 Zhangheng Road  
Zhangjiang Hi-Tech Park  
Shanghai 201203  
People's Republic of China

known or identified to me to be the individual(s) described and who executed the foregoing document and that said individual has full authority to sign the document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objectives or activities of said corporation and acknowledge the same as a free act and deed for uses and purposes therein expressed.

Signed at:

Shanghai, China

On this

11<sup>th</sup>

day of

January

20

12

Rita Dai

Subscribing Witness

## 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: January 11, 2012

From, the ASSIGNOR:

**DOW CHEMICAL (CHINA) COMPANY LIMITED**  
**Unit 01, F Zone, 3F, 3rd Building, No. 936 Zhangheng Road**  
**Zhangjiang Hi-Tech Park**  
**Shanghai 201203**  
**People's Republic of China**

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 10th day of February, 20 12

CORP.  
SEAL

THE DOW CHEMICAL COMPANY

By:

Darryl P. Frickey  
**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 10th day of February, 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 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.

SEAL

Rebecca Sue Hollingshead  
NOTARY PUBLIC

**Rebecca Sue Hollingshead**  
NOTARY PUBLIC - MICHIGAN  
MY COMMISSION EXPIRES NOVEMBER 25, 2012

**PATENT**