

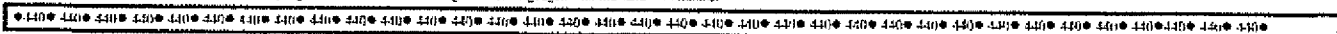
## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3814478

<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	02/10/2010
<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>	13500572
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(989)636-3237
<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>	989-636-7934
<b>Email:</b>	kswertz@dow.com
<b>Correspondent Name:</b>	KATHY WERTZ
<b>Address Line 1:</b>	2040 DOW CENTER
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	68782-US-PCT
<b>NAME OF SUBMITTER:</b>	KATHY WERTZ
<b>SIGNATURE:</b>	/Kathy Wertz/
<b>DATE SIGNED:</b>	04/04/2016
<b>Total Attachments: 3</b>	
source=68782 Dow Chemical China to TDCC Assignment#page1.tif	
source=68782 Dow Chemical China to TDCC Assignment#page2.tif	
source=68782 Dow Chemical China to TDCC Assignment#page3.tif	

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



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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  
 Amoy 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):

From, the ASSIGNOR: **Linda Yi-Ping Zhu, 288 Fei Hong Road, Shanghai 200086, PEOPLE'S REPUBLIC OF CHINA and Fang Li, Suite 601, 300 Jinxiu Road Pudong, Shanghai, PEOPLE'S REPUBLIC OF CHINA**

by an Assignment dated: **December 28, 2009 and January 12, 2010**

of an invention relating to and entitled:

**POLYALKYLENE GLYCOL-GRAFTED POLYCARBOXYLATE SUSPENSION AND DISPERSING AGENT FOR CUTTING FLUIDS AND SLURRIES**

We do hereby declare, for good and valuable consideration, effective as of October 16, 2009, 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
PC/CN2009/001150	October 16, 2009	International

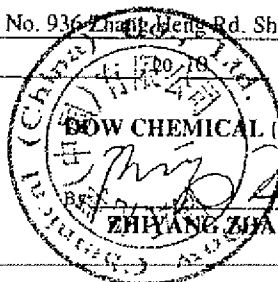
of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation 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 No. 936 Zhangjiang Rd. Shanghai 201203 P.R.China  
 this 10<sup>th</sup> day of February

CORP.  
SEAL



**SUBSCRIBING WITNESS  
AFFIDAVIT OF EXECUTION  
OF AN ASSIGNMENT**

I,

Yvonne Xu

Whose full post office address is:

No. 936, Zhang Heng Rd. Shanghai 201203 P.R.China

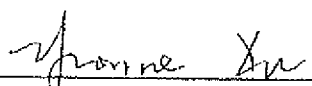
Make oath and say that I was personally present and did see:

Zhiyang Zhang

Who is/are personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: No. 936, Zhang Heng Rd. Shanghai 201203 P.R.China

On this 10<sup>th</sup> day of February, 2010

  
\_\_\_\_\_  
Subscribing Witness

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

The 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: *February 16, 2010*

From, the ASSIGNOR:  
**DOW CHEMICAL (CHINA) COMPANY LIMITED**  
Room 604A-17, Tower 2, No. 351, Guo Shoujing Road  
Zhangjiang Hi-Tech Park  
Amoy 201203  
PEOPLE'S REPUBLIC OF CHINA

of the invention entitled:

**POLYALKYLENE GLYCOL-GRAFTED POLYCARBOXYLATE SUSPENSION AND DISPERSING AGENT FOR CUTTING FLUIDS AND SLURRIES**

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 16 day of February, 20 10

**THE DOW CHEMICAL COMPANY**

CORP.  
SEAL

By: *Michael L. Glenn*  
**MICHAEL L. GLENN**  
Authorized Representative

### NOTARIAL CERTIFICATE (Corporation)

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

On this 16 day of February, 2010, personally appeared before me, **MICHAEL L. GLENN, 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 Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated **February 9, 2006**, 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.

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