

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4345541

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>SEQUENCE:</b>	2	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DOW CHEMICAL (CHINA) INVESTMENT CO LIMITED	04/08/2008
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE DOW CHEMICAL COMPANY	
<b>Street Address:</b>	2040 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>
	Application Number:	14181787
<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>	989-638-4328	
<b>Email:</b>	FGLMFRR@dow.com	
<b>Correspondent Name:</b>	MICHELLE CHRISTILAW	
<b>Address Line 1:</b>	2040 DOW CENTER	
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674	
<b>ATTORNEY DOCKET NUMBER:</b>	66299A-US-PCD	
<b>NAME OF SUBMITTER:</b>	MICHELLE CHRISTILAW	
<b>SIGNATURE:</b>	/Michelle Christilaw/	
<b>DATE SIGNED:</b>	03/30/2017	
<b>Total Attachments: 3</b>		
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This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

# ASSIGNMENT

(with Priority Rights)  
and

# INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED**  
**Room 1101**  
**Tower W3**  
**Oriental Plaza**  
**No. 1**  
**East Chang An Avenue**  
**Beijing 100738**  
**PEOPLE'S REPUBLIC OF CHINA**

Stephen Y. Cheng, Nice Villa Block 20 2/F, 219-240 Hang Tau Rd, Sheung Shui, HONG KONG, CHINA. Citizen of Canada

by an Assignment dated:

of an invention relating to and entitled:

## ARTICLES AND METHODS OF MAKING 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**

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
60/987,803	November 14, 2007	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 24F, Aurora Plaza, No. 99 Fu Cheng Rd, Shanghai PRC

this 8<sup>th</sup> day of April, 20 08

**DOW CHEMICAL (CHINA) INVESTMENT COMPANY  
LIMITED**

Bý

**Zhiyang Zhang**  
Director



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

(CORPORATE OFFICER)

Print or Type  
Name and Address  
of Subscribing Witness

I, Yvonne Xu

Whose full post office address is:

24F, Aurora Plaza, No. 99 Fu Cheng Rd. Shanghai, PRC

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

Print or Type  
Name of Corporation  
Officer and Title

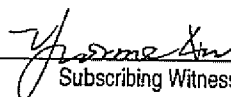
Mr. Zhiyang Zhang

of Dow Chemical (China) Investment Company Limited

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: 24 F, Arurora Plaza . No. 99, Fu Cheng Rd, Shanghai,  
RRC

On this 8th day of April 2008

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

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

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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: **April 8, 2008**

From, the ASSIGNOR:

**DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED**  
**Room 1101**  
**Tower W3**  
**Oriental Plaza**  
**No. 1**  
**East Chang An Avenue**  
**Beijing 100738**  
**PEOPLE'S REPUBLIC OF CHINA**

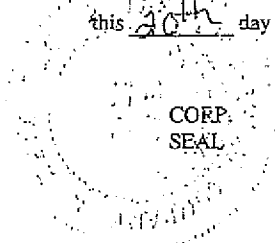
of the invention entitled:

### ARTICLES AND METHODS OF MAKING 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, Michigan 48674, USA

this 20<sup>th</sup> day of May, 20 08



**THE DOW CHEMICAL COMPANY**

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 20<sup>th</sup> day of May, 20 08, 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.

Debra H. Jackson  
 SEAL

**Debra H. Jackson**  
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES NOVEMBER 17, 2012