PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3199702

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	4	

CONVEYING PARTY DATA

Name	Execution Date
DOW CHEMICAL (CHINA) COMPANY LIMITED	10/16/2012

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:	13640887	

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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.

Phone: 9896331963
Email: fglmfrr@dow.com
Correspondent Name: BARB STIEVE
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	70397-US-PCT
NAME OF SUBMITTER:	BARB STIEVE
SIGNATURE:	/Barb Stieve/
DATE SIGNED:	01/27/2015

Total Attachments: 3

source=70397-US-PCT 20150127 HX Dow China to TDCC#page1.tif source=70397-US-PCT 20150127 HX Dow China to TDCC#page2.tif source=70397-US-PCT 20150127 HX Dow China to TDCC#page3.tif

PATENT 503153089 REEL: 034822 FRAME: 0359

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

Unit 01, F Zone, 3F, 3rd Building, No. 936 Zhangheng Road

Zhangjiang Hi-Tech Park

Shanghai 201203

People's Republic of China

a limited liability company 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(t):

Ming Ming, Room 1201, Building 22, Lane 238, Huoxiang Road, Shanghai 201203, People's Republic of China, Citizen of People's Republic of China; Shanguang Feng, 1168 Xiu Yan Road, Lane 7, #902, Kangqiao, Shanghai 200126, People's Republic of China, Citizen of United States of America; and Yan F. Llu, Room 42-201, No. 288, Yuqiao Road, Pudong, Shanghai 200123, People's Republic of China, Citizen of People's Republic of China

by an Assignment dated October 10, 2012, of an invention relating to and entitled:

STORAGE-STABLE HEAT-ACTIVATED TERTIARY AMINE CATALYSTS FOR EPOXY RESINS

We do hereby declare, for good and valuable consideration, rectived, 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 Hiling Country

Priority Number	Filing Date	Filing Country
PCT/CN2010/074701	June 29, 2010	International
61/431.863	January 12, 2011	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 Higation 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.

is 16th 100W CHEMICAL (CHINA) COMPANY LIMITED

ZHIQIANG (ZÁČK) ZHAO AUTHORIZED REPRESENTATIVE

> PATENT REEL: 034822 FRAME: 0360

SUBSCRIBING WITNESS

AFFIDAVIT OF EXECUTION

(COMPANY OFFICER)

I, Rita Dai

Whose full post office address is: No.936 Zhangheng Road Zhangjiang Hi-Tech Park, Shanghai, P.R.C. 201203

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

ZHIQIANG (ZACK) ZHAO AUTHORIZED REPRESENTATIVE

Of DOW CHEMICAL (CHINA) 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 limited liability company 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, C	hine		
On this)/th day of	October		20 17
			Rite Oct	
		•	Subscribing	Witness

PATENT REEL: 034822 FRAME: 0361 #650 € 661 € 560 € 660

This Assignee Acceptance \$60 is in the ENGLISH language and has the same meaning in other languages with the same \$60 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: 16 October 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:

STORAGE-STABLE HEAT-ACTIVATED TERTIARY AMINE CATALYSTS FOR EPOXY RESINS

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, Mic this 22 day of 0	higan 48674, USA Tober , 20 12
CORP. SEAL	By: DARRYL P. FRICKEY Assistant General Counsel - IP Law

NOTARIAL CERTIFICATE (Corporation)

County/Parish of Midland))SS)
On this 22 day of 50 before me, DARRYL P. FRICKEY, Assistance or identified to me to be the individual and acknowledged the same as a free act and authority of the said Corporation incorporate States of America.	al described in and who executed the folegoing december deed for uses and purposes therein expressed by ed under the laws of the State of Delaware, United
and the state of the	wit 6 2011 is based on

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.

SEAL

RECORDED: 01/27/2015

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

> **PATENT** REEL: 034822 FRAME: 0362