505650869 09/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5697675

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED	01/27/2015

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:	15533391

CORRESPONDENCE DATA

Fax Number: (612)659-9344

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: 6126599340

Email: Dow.Docketing@bipl.net

BROOKS, CAMERON & HUEBSCH, PLLC **Correspondent Name:** Address Line 1: 1201 MARQUETTE AVENUE SOUTH

Address Line 2: SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	77180-US-PCT
NAME OF SUBMITTER:	ALEXANDER MARQUARDT
SIGNATURE:	/Alexander Marquardt/
DATE SIGNED:	09/03/2019

Total Attachments: 2

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> **PATENT** REEL: 050244 FRAME: 0335 505650869

Taks 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)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED

Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road

Zhangjiang Hi-Tech Park

Shanghai 201203

People's Republic of China

an entity 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);

Jiawen Xiong, Room 301, Building 92, Lane 3339, Shangnan Road, Pudong New District, Shanghai 200126, People's Republic of China, Citizen of People's Republic of China; Dachao Li, 1213 Morgan Drive, Royersford, Pennsylvania 19468, United States of America, Citizen of People's Republic of China; Jianxin J. Zhang, Room 1002, Building 9, Lane 36 of Binyang Road, Xuhui District, Shanghai 200030, People's Republic of China, Citizen of People's Republic of China; David Hong-Fei Guo, #15/1401, 199 Bai Yang Road, Pudong, Shanghai 201204, People's Republic of China, Citizen of United States of America; Beilei Wang, Room 3-403, Pusan road 277 Pudong area, Shanghai 200125, People's Republic of China, Citizen of People's Republic of China; and Wei Liu, 800 Dongchuan Road, Shanghai 200240, People's Republic of China, Citizen of People's Republic of China

by an Assignment dated: <u>December 31. 2014: January 2, 2015 and January 5, 2015</u>; respectively, with an effective date as of December 17, 2014

of an invention relating to and entitled:

SURFACTANTS FOR POLYURETHANE FOAMS

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

an entity 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 Date	Filing Country
	PCT/CN2014/094104	December 17, 2014	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 b	y us at	Shanghai, (China			
this <u>27</u> 5	day of _	Janu.	ary	, 20		- · · · ·	
3	DOW CH	EMICAL	(CHINA)	INVESTME	NT COMPA	NY LIMITE	D.
	CORP.			Λ	Λ.		
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				DANIEL X.		<u>-</u>	-
	···			Authorized I	Répresentati	ve:	

PATENT

REEL: 050244 FRAME: 0336

This Assigned 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 which is dated: January 27, 2015; with an effective date as of December 17, 2014

From, the ASSIGNOR:

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED

Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road

Zhangjiang Hi-Tech Park

Shanghai 201203

People's Republic of China

of the invention entitled:

SURFACTANTS FOR POLYURETHANE FOAMS

UNITED STATES OF AMERICA)

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>30</u>	day of January, 2015
	THE DOW CHEMICAL COMPANY
CORP	China
SEAL	By:
*	DARRYL P. FRICKEY Authorized Representative

NOTARIAL CERTIFICATE

STATE OF MICHIGAN) 88
County/Parish of Midland)
	nuare, 20/5, personally appeared
before me, DARRYL P. FRICKEY	Y, Authorized Representative,
known or identified to me to be the inc	dividual described in and who executed the foregoing document
and acknowledged the same as a free a	act and deed for uses and purposes therein expressed by

authority of the said entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated July 12, 2013, 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 entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Kathy Sue Wertz

NOTASY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

> **PATENT** REEL: 050244 FRAME: 0337

RECORDED: 09/03/2019