504098266 11/16/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4144935

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| SEQUENCE: | 2 |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------------|----------------|
| DOW CHEMICAL (CHINA) COMPANY LIMITED | 02/29/2016 |

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: | 13497537 |

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: 989-636-8537

Email:FGLMFRR@dow.comCorrespondent Name:KRISTIE ELLISONAddress Line 1:2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

| ATTORNEY DOCKET NUMBER: | 67394-US-PCT |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | KRISTIE ELLISON |
| SIGNATURE: | /Kristie Ellison/ |
| DATE SIGNED: | 11/16/2016 |

Total Attachments: 3

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PATENT 504098266 REEL: 040342 FRAME: 0714

*441** 441**

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 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):

Yabin Sun, Room 201, Unit 234, No. 399, Nanliu Road, Shanghai 201203, People's Republic of China, Citizen of People's Republic of China; Xiang Y. Tai, Room 801, Building 44, No 2250 Dongjing Road, Shanghai 201208, People's Republic of China, Citizen of People's Republic of China; and Shuwen Peng, Room 201, No. 68, Lane 459, East Boshan Road, Pudong New Area, Shanghai 200135, People's Republic of China, Citizen of People's Republic of China;

by an Assignment dated: January 17, 2012, February 9, 2012 and January 20, 2012 and , respectively of an invention relating to and entitled:

ANTI-SCORCH COMPOSITIONS, METHODS OF MAKING THE SAME, AND ARTICLES PREPARED FROM THE SAME

We do hereby declare, for good and valuable consideration effective as of September 29, 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 laternational 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/CN2009/074310 | September 29, 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 |
|--------------------|-------------|----------------|
| ļ | | |

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

DOW CHEMICAL (CHINA) COMPANY LIMITED

ZHIQIANG (ZAĆK) ZHAO

Attach Subscribing Witness

PATENT REEL: 040342 FRAME: 0715

SUBSCRIBING WITNESS

AFFIDAVIT OF EXECUTION

(CORPORATE OFFICER)

| Print or Type Name and Address | I, Rita Dai |
|---|--|
| of Subscribing Witness | Whose full post office address is: |
| | No.936 Zhangheng Road Zhangjiang Hi-Tech Park, Shanghai, P.R.China, 201203 |
| | |
| | Make Oath and say that I was personally present and did see: |
| Print or Type Name of Comporation Officer and Title | Zhiqiang (Zack) Zhao Authorized Representative |
| | of DOW CHEMICAL (CHINA) COMPANY LIMITED Unit 01, F Zone, 3F, 3 rd 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 fo 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: Shang han' Chrine On this 29th day of February 20_12_ |
| | Rite Dai |
| | Subscribing Witness |
| | |

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This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning to 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 29, 2012; effective as of September 29, 2009

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:

ANTI-SCORCH COMPOSITIONS, METHODS OF MAKING THE SAME, AND ARTICLES PREPARED FROM 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 | l, Michigan 48674, USA | | | | |
|--|---------|------------------------|------------------------|--------|-------------|--|
| this | day of | March | , 20 | /2_ | | |
| e de la companya de l | | THE DOW C | HEMICAL | COMPAN | ΙΥ | |
| COR SEA | - | 1 | 41/ | 7. | | |
| | . * | By: | <u>ノー・)</u> | ÷. — | | |
| 170 | | | P. FRICK General Co | - | ي. Law | |

NOTARIAL CERTIFICATE (Corporation)

| UNITED STATES OF AMERICA |) | | | |
|---|------------------------------|--|--|--|
| STATE OF MICHIGAN |) SS | | | |
| County/Parish of Midland |) | | | |
| On this / day ofMarch | , 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 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.

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

PATENT REEL: 040342 FRAME: 0717

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RECORDED: 11/16/2016