PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3798136

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| SEQUENCE: | 1 |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| JIANGBO MA | 04/02/2013 |
| ZHOUWEI YU | 04/02/2013 |

RECEIVING PARTY DATA

| Name: | DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED |
|-------------------|---|
| Street Address: | UNIT 03, C ZONE, 2F, 3RD BUILDING |
| Internal Address: | NO. 936 ZHANGHENG ROAD, ZHANGJIANG HI-TECH PARK |
| City: | SHANGHAI |
| State/Country: | CHINA |
| Postal Code: | 201203 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14647538 |

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: 989-636-7934 Email: kswertz@dow.com **Correspondent Name: KATHY WERTZ** Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

| ATTORNEY DOCKET NUMBER: | 73969-US-PCT |
|-------------------------|---------------|
| NAME OF SUBMITTER: | KATHY WERTZ |
| SIGNATURE: | /Kathy Wertz/ |
| DATE SIGNED: | 03/24/2016 |

Total Attachments: 3

source=73969 Inventors to Dow Chemical China Assignment#page1.tif source=73969 Inventors to Dow Chemical China Assignment#page2.tif source=73969 Inventors to Dow Chemical China Assignment#page3.tif

PATENT REEL: 038088 FRAME: 0712 503751490

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION A PROPERTY OF THE PROPERTY OF

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: A CONCENTRATED METAL WORKING FLUID AND METALWORKING PROCESS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

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

a corporation organized and existing under the laws of China (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws. International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

| Priority Number | Filing Date | Filing Country |
|-------------------|-------------------|----------------|
| PCT/CN2012/086405 | December 12, 2012 | International |

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into ail languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/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 Declared by me/us:

| At: SHANGHAI, CHIMA this 2nd day of Apri |
|--|
| Effective as of December 12, 2012 Signature: lange la |
| Signature: Inappe Ma |
| Full Name: Jiangho Ma Residence: Room 201, Building 28, Lane 1717 Longwu Road, Xuhui District Shanghai 200231 Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this day of |
| Residence: Room 201, Building 28, Lane 1717 Longwu Road, Xuhui District Shanghai 200231 Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this day of , 20 Signature: Residence: Room 201, No. 105, Laoshan Xin Cun. Pudong District, Shanghai 200120 Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this day of , 20 Signature: Signature: |
| Longwu Road, Xuhui District Shanghai 20023! Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this |
| Shanghai 20023! Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this day of , 20 Signature: Signature: Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this day of , 20 Signature: |
| Country: People's Republic of China Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China P.O. Address: Same as Residence Employed By: Dow Chemical (China) Investment Company Limited Of Country: People's Republic of China At: this day of |
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| Residence: Residence: |
| The state of the s |
| Country: Country: |
| Citizenship: Citizenship: |
| P.O. Address: P.O. Address: |
| Employed By: Employed By: |
| |
| Of Country: Of Country: |

() Additional names and signatures are attached.

This Assignce 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:

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

hereby accept the ASSIGNMENT attached hereto which is dated: April 2, 2013

From, the ASSIGNOR: Jiangbo Ma, Room 201, Building 28, Lane 1717, Longwu Road, Xuhui, Shanghai 200231, People's Republic of China, Citizen of People's Republic of China and Zhouwei Yu, Room 201, No. 105, Laoshan Xin Cun., Pudong District, Shanghai 200120, People's Republic of China, Citizen of People's Republic of China

of the invention entitled:

Shanghai, China

A CONCENTRATED METAL WORKING FLUID AND METALWORKING PROCESS

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.

, 20 /3

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED

| By: ZHIQIANG (ZACK) ZHAO AUTHORIZED REPRESENTATIVE |
|---|
| SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT |
| 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 |
| 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: Shang hai, Chine |
| On this |
| Rite Oui |
| Subscribing Witness |
| |

PATENT REEL: 038088 FRAME: 0714 This Form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number.

FORM 881

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

| 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 |
| 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: Shanghai, China |
| On this |
| Rita Dai |

Subscribing Witness

PATENT REEL: 038088 FRAME: 0715

RECORDED: 03/24/2016