503298155 05/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3344773

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOURNEY LU ZHU	12/16/2011
BIN LI	12/22/2011
LAN LU	12/05/2011
GIVEN JING CHEN	12/22/2011
QIN DENG	12/22/2011
HONG FEI DAVID GUO	12/15/2011

RECEIVING PARTY DATA

Name:	DOW CHEMICAL (CHINA) COMPANY LIMITED
Street Address:	ROOM 604A-17, TOWER 2, NO. 351, GUO SHOUJING ROAD
Internal Address:	ZHANGJIANG HI-TECH PARK
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201203

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14232949

CORRESPONDENCE DATA

Fax Number: (414)223-5000

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: 4149785559

Email: jpolmatier@whdlaw.com **Correspondent Name:** JERE L POLMATIER

Address Line 1:WHYTE HIRSCHBOECK DUDEK SCAddress Line 2:555 EAST WELLS STREET, SUITE 1900

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	DOW-36367-A-US
NAME OF SUBMITTER:	JERE L. POLMATIER
SIGNATURE:	/jlp/
DATE SIGNED:	05/08/2015

Total Attachments: 5 source=DOW36267assign1#page1.tif source=DOW36267assign1#page2.tif source=DOW36267assign1#page3.tif source=DOW36267assign1#page4.tif source=DOW36267assign1#page5.tif

FORM 110 (R 5:97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(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: MIGRATION-FREE, HALOGEN-FREE, FLAME RETARDANT THERMOPLASTIC POLYURETHANE COMPOSITIONS

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) Company Limited Room 604A-17, Tower 2, No. 351, Guo Shoujing 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 "Assignce"); 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/CN2011/079164	August 31, 2011	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 all 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:

Ar

At: Shanghai, China	At: Shanshed, China	
this 16th day of Dec ,20 11	this 22nd day of Dec ,2011	
Effective as of August 31, 2011	Effective as of August 31, 2011	
Signature: Try Zhu	Signature: For Bin Li	
Full Name: Journey Lu Zhu '	Full Name: Bin Li	
Residence: 25-102; Yifeng 55	Residence: 90-1102, 1717 Long Wu Road, Xuhui District	
Pudong	Shanghai 200233	
Shanghai 201210	PEOPLE'S REPUBLIC OF CHINA	
PEOPLE'S REPUBLIC OF CHINA		
Country: People's Republic of China	Country: People's Republic of China	
Citizenship: People's Republic of China	Citizenship: People's Republic of China	
P.O. Address: Same as Residence	P.O. Address: Same as Residence	
Employed By: Dow Chemical (China) Company Limited	Employed By: Dow Chemical (China) Company Limited	
Of Country: People's Republic of China	Of Country: People's Republic of China	
At:	At: he the first	
this Day of , 20	this 22 day of De , 20 1/	
Effective as of August 31, 2011	Effective as of August 31, 2011	
	\bigcirc \bigcirc \bigcirc \bigcirc	
Signature:	Signature:	
Full Name: Lan Lu	Full Name: Given Jing Chen	
Residence: Flat 7, 6 Partick Bridge Street	Residence: Room 1103, Building 10, Lane 128 LongRui Rd,	
Glasgow, G11 6PL	Xuhui District, 200231, Shanghai	
United Kingdom PEOPLE'S REPUBLIC OF CHINA		
Country: People's Republic of China	Country: People's Republic of China	
Citizenship: People's Republic of China	Citizenship: People's Republic of China	
P.O. Address: Same as Residence	P.O. Address: Same as Residence	
Employed By: Dow Chemical (China) Company Limited*	Employed By: Dow Chemical (China) Company Limited	
Of Country: People's Republic of China		
*At the time the invention was made.	Of Country: People's Republic of China	
tional names and signatures are attached.		

(X) Addit

his Assignment 110 is in the ENGLISH language and has the same measure in other languages with the same 110 number and R/Dai

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(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: MIGRATION-FREE, HALOGEN-FREE, FLAME RETARDANT THERMOPLASTIC POLYURETHANE COMPOSITIONS

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) Company Limited Room 604A-17, Tower 2, No. 351, Guo Shoujing 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/CN2011/079164	August 31, 2011	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 all 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.

this day of Effective as of August 31, 2011

Subscribed and Declared by me/us:

day of Effective as of August 31, 2011

this

•	}
Signature:	Signature:
Full Name: Journey Lu Zhu	Full Name: Bin Li
Residence: 25-102; Yifeng 55	Residence: 90-1102, 1717 Long Wu Road, Xuhui District
Pudong	Shanghai 200233
Shanghai 201210	PEOPLE'S REPUBLIC OF CHINA
PEOPLE'S REPUBLIC OF CHINA	
Country: People's Republic of China	Country: People's Republic of China
Citizenship: People's Republic of China	Citizenship: People's Republic of China
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Dow Chemical (China) Company Limited	Employed By: Dow Chemical (China) Company Limited
Of Country: People's Republic of China	Of Country: People's Republic of China
At: Glasgow, United Kingdom	At:
this 5th Day of December . 2011	this day of , 20
Effective as of August 31, 2011	Effective as of August 31, 2011
Signature: Lam Lu \$ 2	Signature:
Full Name: Lan Lu	Full Name: Given Jing Chen
Residence: Flat 7, 6 Partick Bridge Street	Residence: Room 1103, Building 10, Lane 128 LongRui Rd,
Glasgow, G11 6PL	Xuhui District, 200231, Shanghai
United Kingdom	PEOPLE'S REPUBLIC OF CHINA
Country: People's Republic of China	Country: People's Republic of China
Citizenship: People's Republic of China	Citizenship: People's Republic of China
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Dow Chemical (China) Company Limited*	Employed By: Dow Chemical (China) Company Limited
Of Country: People's Republic of China	The state of the s
*At the time the invention was made.	Of Country: People's Republic of China
······································	or construction of cana
ional names and signatures are attached.	

(X) Addit

At: Stanglac Carka
this 22 mday of December, 20 11
Effective as of August 31, 2011

Signature: Lin July
Full Name: Qin Deng
Residence: No. 2 Room 402
300 Jin Xiu Road
Shanghai 200135
PEOPLE'S REPUBLIC OF CHINA

Country: People's Republic of China Citizenship: United States of America P.O. Address: Same as residence

Employed By: Dow Chemical (China) Company Limited

Of Country: People's Republic of China

At: Shanghai China
this 15th Day of Deputar, 20 11
Effective as of August 31, 2011

Signature: (V) Surger Full Name: Hong Fei David Guo

Residence: Apt. 15/1401, 199 Bai Yang Road Pudong, Shanghai 201204 PEOPLE'S REPUBLIC OF CHINA

Country: People's Republic of China Citizenship: United States of America P.O. Address: Same as residence

Employed By: Dow Chemical (China) Company Limited

Of Country: People's Republic of China

This Assignee 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) COMPANY LIMITED Room 604A-17, Tower 2, No. 351, Guo Shoujing Road

Zhangjiang Hi-Tech Park

Shanghai 201203

People's Republic of China

hereby accept the ASSIGNMENT attached hereto which is dated: December 5, 2011; December 15, 2011; December 16, 2011; and December 22, 2011; with an effective date as of August 31, 2011

From, the ASSIGNOR: Journey Lu Zhu, 25-102; Yifeng 55, Pudong, Shanghai 201210, People's Republic of China, Citizen of People's Republic of China; Bin Li, 90-1102, 1717 Long Wu Road, Xuhui District, Shanghai 200233, People's Republic of China, Citizen of People's Republic of China; Lan Lu, Flat 7, 6 Partick Bridge Street, Glasgow, G11 6PL, United Kingdom, Citizen of People's Republic of China; Given Jing Chen, Room 1103, Building 10, Lane 128 LongRui Rd, Xuhui District, 200231, Shanghai, People's Republic of China, Citizen of People's Republic of China; Qin Deng, No. 2 Room 402, 300 Jin Xiu Road, Shanghai 200135, People's Republic of China, Citizen of United States of America; and Hong Fei David Guo, Apt. 15/1401, 199 Bai Yang Road, Pudong, Shanghai 201204, People's Republic of China, Citizen of United States of America

of the invention entitled:

MIGRATION-FREE, HALOGEN-FREE, FLAME RETARDANT THERMOPLASTIC POLYURETHANE COMPOSITIONS

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	Changhai, China	···
this $\frac{\int_{0}^{-l}\int_{0}^{-l}\mathbf{D}\mathbf{g}}{\int_{0}^{-l}\mathbf{D}\mathbf{g}}$	ay of <u>linuary</u> , 20	1.1
CØRP. SEAL	By:	NA) COMPANY LIMITED
	ZHIQIANG (ZACK)	ZHAO
The second		

Attach Subscribing Witness (Corporation)

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 201203, P.	R.China
	Make Oath and say that I was personally present and did see:	
Print or Type Name of Comoration Officer and Title	Zhiqiang (Zack) Zhao	
	of DOW CHEMICAL (CHINA) COMPANY LIMITED Unit 01, F Zone, 3F, 3 st 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 execute said individual has full authority to sign the document on behalf of the said which said document is granted are within the scope of the objectives or act acknowledge the same as a free act and deed for uses and purposes there.	corporation and that the purposes fo tivities of said corporation and
	Signed at: Shanghai, China	
	Signed at: Shanghari, China On this 1 th day of January	20
	Rito	1) o
	Sut	scribing Witness

PATENT REEL: 035593 FRAME: 0553

RECORDED: 05/08/2015