PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5239136

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	6

CONVEYING PARTY DATA

Name	Execution Date
ADAM W. FREEMAN	05/21/2014
PHILIP M. IMBESI	05/16/2014
WEI-WEN TSAI	05/16/2014
SIPEI ZHANG	05/16/2014

RECEIVING PARTY DATA

Name:	ROHM AND HAAS COMPANY
Street Address:	100 INDEPENDENCE MALL WEST
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19106

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15129271	

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: 989-636-2884

Email: FGLMFRR@dow.com

Correspondent Name: DANNY CHILDS
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	76129-US-PCT
NAME OF SUBMITTER:	DANNY CHILDS
SIGNATURE:	/Danny Childs/
DATE SIGNED:	11/15/2018

Total Attachments: 4

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PATENT REEL: 047514 FRAME: 0240

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FORM 110 (8.597)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily helieve I am/we are the original, first and solo/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention emitted: SYNTHETIC POLYMER RHEOLOGY MODIFIER AND WATER RETENTION AGENT REPLACEMENT FOR CELLULOSE ETHER IN CEMENT 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:

Rohm and Haas Company 100 Independence Mall West Philadelphia, Pennsylvania 19106 United States of America

an entity organized and existing under the laws of the state of Delaware (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
61/972,812	March 31, 2014	United States of America

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. Nee do hereby agree to assist Assignce 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/ws 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 mc/us:

200000000000000000000000000000000000000	
AE KING OF PRUSSIA PA	At:
this ZIVT day of MAY , 20 14	this day of , 20
Effective as of Murch 34, 2014	Effective as of March 31, 2014
Signature: JA U. S	Signature
Full Name: Adam W. Freeman	Full Name: Philip M. Imbesi
Residence: 3150 Fox Drive	Residence: 611 Susan Circle
Chalfont, Pennsylvania 18914	North Wales, Pennsylvania 19454
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Some as Residence	P.O. Address: Same as Residence
Employed By: Rolun and Haas Company	Employed By: Rohm and Haas Company
Of Country: United States of America	Of Country: United States of America
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At	At:
At: this day of , 20	
At: this day of , 20 Effective as of March 31, 2014	
this	this day of , 20 Effective as of March 31, 2014
this	this day of , 20 Effective as of March 31, 2014 Signature:
this	this day of , 20 Effective as of March 31, 2014 Signature: Full Name: Sipei Zhang
this	this day of , 20 Effective as of March 31, 2014 Signature: Full Name: Sipei Zhang Residence: 805 Morgan Drive
this	this day of , 20 Effective as of March 31, 2014 Signature: Full Name: Sipei Zhang Residence: 805 Morgan Drive Royersford, Pennsylvania 19468
this day of	this day of , 20 Effective as of March 31, 2014 Signature: Full Name: Sipei Zhang Residence: 805 Morgan Drive Royersford, Pennsylvania: 19468 Country: United States of America
this day of	this
this day of	this day of , 20 Effective as of March 31, 2014 Signature: Full Name. Sipei Zhang Residence: 805 Morgan Drive Royersford, Pennsylvania 19468 Country: United States of America Citizenship: People's Republic of China P.O. Address: Same as Residence
this day of	this day of , 20 Effective as of March 31, 2014 Signature Full Name. Sipei Zhang Residence: 805 Morgan Drive Royersford, Pennsylvania 19468 Country: United States of America Citizenship: People's Republic of China P.O. Address: Same as Residence Employed By. Rohm and Haas Company
this day of	this day of , 20 Effective as of March 31, 2014 Signature: Full Name. Sipei Zhang Residence: 805 Morgan Drive Royersford, Pennsylvania 19468 Country: United States of America Citizenship: People's Republic of China P.O. Address: Same as Residence
this day of	this day of , 20 Effective as of March 31, 2014 Signature: Full Name. Sipei Zhang Residence: 805 Morgan Drive Royersford, Pennsylvania 19468 Country: United States of America Citizenship: People's Republic of China P.O. Address: Same as Residence

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FORM 110 (8 597)

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(with Priority Rights)

I/we verily believe I am/we are the original, first and solo/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: SYNTHETIC POLYMER RHEOLOGY MODIFIER AND WATER RETENTION AGENT REPLACEMENT FOR CELLULOSE ETHER IN CEMENT 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). Uwe 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 trustor(s), and for good and valuable consideration and/or the renumeration received for my/our work, I/we sell, assign and transfer unto:

> Rohm and Haas Company 100 Independence Mall West Philadelphia, Pennsylvania 19106 United States of America

an entity organized and existing under the laws of the state of Delaware (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 designer (or nominer(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

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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, apposition 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.

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Subscribed and Declared by me/us:

At:	TALL CORESCURE, PA, USA
this day of , 20	At: 2010520,00, VA, USA this 10 day of May ,20 14
this day of , 20, 20, 20,	IEffective as of March 11, 2014
	Signature: Ohlya M. Aberi
Signature:	Signature: College / College
Full Name: Adam W. Freeman	Full Name: Philip M. Imbesi
Residence: 3150 Fox Drive	Residence: 611 Susan Circle
Chalfont, Pennsylvania 18914	North Wales, Pennsylvania 19454
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Rohm and Haas Company	Employed By: Rohm and Haas Company
Of Country: United States of America	Of Country: United States of America
<i>p</i>	p
At:	At:
this day of ,20 Effective as of March 31, 2014	this day of
Effective as of March 31, 2014	Effective as of March 31, 2014
Signature: Full Name: Wei-Wen Tsai	Signature:
Full Name: Wei-Wen Tsai	Full Name: Sipri Zhang
Residence: 35 Dogwood Lane	Residence: 805 Morgan Drive
Horsham, Pennsylvania 19044	Royersford, Pennsylvania 19468
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: People's Republic of China
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Rohm and Haas Company	Employed By: Rohm and Haus Company
Of Country: United States of America	Of Country: United States of America

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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 truster(s), and for good and valuable consideration and/or the remoneration received for my/our work, I/we sell, assign and transfer unto:

> Roles and Haas Company 100 Independence Mali West Philadelphia, Pennsylvania 19106 United States of America

an entity organized and existing under the laws of the state of Delaware (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 previsional applications when permitted by law, for Letters Patent in its own name, or in the name of its designed (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 Prioricy Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
68/972,813	March 31, 2014	United States of America

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Subscribed and Declared by me/us:

this.

day of

discusse as or mates 31, 2014	Expectation as or table to 17 To the
Signature:	Signature:
Full Mame: Adam W. Freeman	Full Name: Philip M. Imbesi
Residence: 3150 Fox Drive	Residence: 611 Susan Circle
Chalfont, Pennsylvania 18914	North Wales, Pennsylvania 19454
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Rohm and Haas Company	Employed By: Rohm and Haus Company
Of Country: United States of America	Of Country: United States of America
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AII SPRING HOUGE, PA, USA	Att
this 16th day of MAY .2014	this day of
Effective as of March 31, 2014	Effective as of March 31, 2014
Signature: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Signature:
Full Name: Wei-Wen Tsai	Full Name: Siper Zhong
Residence: 35 Dogwood Lane	Residence: 805 Margan Drive
Horsham, Pennsylvania 19044	Royersiard, Pennsylvania 19468
Country: United States of America	Country: United States of America
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Employed By: Rohm and Haus Company	Employed By: Rolim and Haas Company
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At:	At:
this day of	this day of
Effective as of March 31, 2014	Effective as of March 31, 2014
Signature:	Signature:
Full Name: Adam W. Freeman	Full Name: Philip M. Imbesi
Residence: 3150 Fox Drive	Residence: 611 Susan Circle
Chalfont, Pennsylvania 18914	North Wales, Pennsylvania 19454
Country: United States of America	Country: United States of America
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P.O. Address: Same as Residence	P.O. Address: Same as Residence
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Of Country: United States of America	Of Country United States of America
At:	TAN Callege He PA
At: this day of , 20 Effective as of March 31, 2014	At: College, lie PA this 16+5 day of Assa
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