

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
<i>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.</i>	
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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FORM 110 (8-547)

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: **SYNTHETIC POLYMER RHEOLOGY MODIFIER AND WATER RETENTION AGENT REPLACEMENT FOR CELLULOSE ETHER IN CEMENT COMPOSITIONS**

**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. 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 recording 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: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of March 31, 2014

Signature: \_\_\_\_\_  
Full Name: Adam W. Freeman  
Residence: 3150 Fox Drive  
Chalfont, Pennsylvania 18914  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

At: Conroque, PA, USA  
 this 16 day of May, 20 14  
 Effective as of March 31, 2014  
 Signature: *Philip M. Imbasi*  
 Full Name: Philip M. Imbasi  
 Residence: 611 Susan Circle  
                   North Wales, Pennsylvania 19454  
 Country: United States of America  
 Citizenship: United States of America  
 P.O. Address: Same as Residence  
 Employed By: Rohm and Haas Company  
 Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of March 31, 2014

Signature: \_\_\_\_\_  
Full Name: Wei-Wen Tsai  
Residence: 35 Dogwood Lane  
Horsham, Pennsylvania 19044  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

At: \_\_\_\_\_  
 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  
 Of Country: United States of America

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This document is in the FBI's file system and has the same content as other documents with the same file number and date.

FORM 112-R-2021

We verily believe I and/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: **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:

Kohlen 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 nominees); 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           |
|-----------------|----------------|--------------------------|
| 61/372,812      | March 31, 2013 | 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. 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.

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 recording of this Assignment, or a Notarial True Copy thereof, 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 Declared by me/us:

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of March 31, 2014

Signature: \_\_\_\_\_  
Full Name: Adam W. Freeman  
Residence: 3150 Fox Drive  
Chalfont, Pennsylvania 18914  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of March 31, 2014

Signature: \_\_\_\_\_  
 Full Name: Philip M. Imbeshi  
 Residence: 611 Susan Circle  
 North Wales, Pennsylvania 19454  
 Country: United States of America  
 Citizenship: United States of America  
 P.O. Address: Same as Residence  
 Employed By: Rohm and Haas Company  
 Of Country: United States of America

At: SPRING HOUSE, PA, USA  
this 16<sup>th</sup> day of MAY, 2014  
Effective as of March 31, 2014  
Signature: Wei-Wen Tsai  
Full Name: Wei-Wen Tsai  
Residence: 35 Dogwood Lane  
Horsham, Pennsylvania 19044  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of March 31, 2014

Signature: \_\_\_\_\_  
Full Name: Super 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  
Of Country: United States of America

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FORM 110 (8-583)

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

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: **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:

Rehm and Hess 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

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|-----------------|----------------|--------------------------|
| 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. 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.

1/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 recording of this Assignment, or a Notarial True Copy thereof, being under covenant not only that 1/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/as:

At: \_\_\_\_\_  
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Effective as of March 31, 2014

Signature: \_\_\_\_\_  
Full Name: Adam W. Freeman  
Residence: 3150 Fox Drive  
Chalfont, Pennsylvania 18914  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of March 31, 2014

Signature: \_\_\_\_\_  
 Full Name: Philip M. Imbesi  
 Residence: 611 Susan Circle  
 North Wales, Pennsylvania 19454  
 Country: United States of America  
 Citizenship: United States of America  
 P.O. Address: Same as Residence  
 Employed By: Rohm and Haas Company  
 Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of March 31, 2014

Signature: \_\_\_\_\_  
Full Name: Wei-Wen Tsai  
Residence: 35 Dogwood Lane  
Horsham, Pennsylvania 19044  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

As: Collegeville PA  
this 16th day of May, 20 14  
Effective as of March 31, 2014

Signature: [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  
OFCountry: United States of America

## PATENT