

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4916205

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUJIANG WANG	04/26/2016
JIANMING XU	04/21/2016
TAO WANG	04/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ROHM AND HAAS COMPANY
<b>Street Address:</b>	100 INDEPENDENCE MALL WEST
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19106
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15317138
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	989-636-8434
<b>Email:</b>	dorothykennedy@dow.com
<b>Correspondent Name:</b>	ROHM AND HAAS COMPANY
<b>Address Line 1:</b>	C/O THE DOW CHEMICAL COMPANY
<b>Address Line 2:</b>	2040 DOW CENTER
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	72815-US-PCT
<b>NAME OF SUBMITTER:</b>	KARL E. STAUSS
<b>SIGNATURE:</b>	/Karl E. Stauss/
<b>DATE SIGNED:</b>	04/16/2018
<b>Total Attachments: 2</b>	
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source=72815_Executed_Assignments#page2.tif	

This Assignment 1117 is in the ENGLISH language and has the corresponding in other languages with the same 111 number and 117 Date.

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FORM 11D (R 3-97)

## 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: **A METHOD FOR PREPARATION OF A STABLE POLYMER DISPERSION WITH COLLOIDAL SILICA PARTICLES**

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
PCT/CN14/081639	July 4, 2014	PCT

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:

At: Shanghai, China  
 this 26 day of April, 20 14  
 Effective as of July 4, 2014

Signature: [Signature]  
 Full Name: Yujiang Wang  
 Mailing Address: No. 936 Zhangheng Road  
Zhangjiang Hi-Tech Park  
Shanghai 201203  
People's Republic of China

At: Shanghai, China  
 this 21 day of April, 20 14  
 Effective as of July 4, 2014

Signature: [Signature]  
 Full Name: Jianming Xu  
 Mailing Address: No. 936, Zhangheng Road  
Zhangjiang Hi-Tech Park  
Shanghai 201203  
People's Republic of China

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of July 4, 2014

Signature: \_\_\_\_\_  
 Full Name: Tao Wang  
 Mailing Address: Hays Road, Point Henry  
Geelong Technical Centre  
Geelong VIC 3221  
Australia

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of July 4, 2014

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of July 4, 2014

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of July 4, 2014

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_

This Assignment is in the ENGLISH language and has the same meaning as other languages with the same 110 number and R/Dice.

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FORM 110 (8,3,97)

## 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: **A METHOD FOR PREPARATION OF A STABLE POLYMER DISPERSION WITH COLLOIDAL SILICA PARTICLES**

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
PCT/IN14/081639	July 4, 2014	PCT

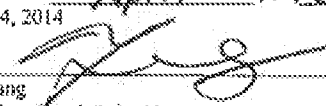
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation 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 July 4, 2014  Signature: _____ Full Name: Yujiang Wang Mailing Address: No. 936 Zhangheng Road Zhangjiang Hi-Tech Park Shanghai 201203 People's Republic of China
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At: _____ this _____ day of _____, 20____ Effective as of July 4, 2014  Signature: _____ Full Name: Jianming Xu Mailing Address: No. 936, Zhangheng Road Zhangjiang Hi-Tech Park Shanghai 201203 People's Republic of China
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At: <u>Geelong Australia</u> this <u>29</u> day of <u>April</u> , 20 <u>16</u> Effective as of July 4, 2014  Signature:  Full Name: Tao Wang Mailing Address: Hays Road, Point Henry Geelong Technical Centre Geelong VIC 3221 Australia
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At: _____ this _____ day of _____, 20____ Effective as of July 4, 2014  Signature: _____ Full Name: _____ Mailing Address: _____
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At: _____ this _____ day of _____, 20____ Effective as of July 4, 2014  Signature: _____ Full Name: _____ Mailing Address: _____
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At: _____ this _____ day of _____, 20____ Effective as of July 4, 2014  Signature: _____ Full Name: _____ Mailing Address: _____
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**PATENT**