

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3798028

|                                                                                                                                                                                                 |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                 |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>           |
| JAMES BOHLING                                                                                                                                                                                   | 04/28/2014                      |
| EDWIN NUNGESSER                                                                                                                                                                                 | 04/28/2014                      |
| MORRIS WILLS                                                                                                                                                                                    | 04/17/2014                      |
| QIAOQIAO CAI                                                                                                                                                                                    | 05/04/2014                      |
| TINGKE ZHANG                                                                                                                                                                                    | 04/18/2014                      |
| <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>                   |
| <b>Application Number:</b>                                                                                                                                                                      | 14398487                        |
| <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>                                                                                                                                                                                   | PJKACZMARCZYK@DOW.COM           |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ROHM AND HAAS COMPANY           |
| <b>Address Line 1:</b>                                                                                                                                                                          | C/O DOW GLOBAL TECHNOLOGIES LLC |
| <b>Address Line 2:</b>                                                                                                                                                                          | 2040 DOW CENTER                 |
| <b>Address Line 4:</b>                                                                                                                                                                          | MIDLAND, MICHIGAN 48674         |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 72548-US-PCT                    |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | PATRICIA KACZMARCZYK            |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Patricia Kaczmarczyk/          |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 03/24/2016                      |
| <b>Total Attachments: 6</b>                                                                                                                                                                     |                                 |

source=72548\_Executed\_Assignments#page1.tif

source=72548\_Executed\_Assignments#page2.tif

source=72548\_Executed\_Assignments#page3.tif

source=72548\_Executed\_Assignments#page4.tif

source=72548\_Executed\_Assignments#page5.tif

source=72548\_Executed\_Assignments#page6.tif

This Assignment 110 is in the 12th (12/11) version and has the same meaning as other languages with the same 110 number and 110 title

This Assignment 110 is in the 12th (12/11) version and has the same meaning as other languages with the same 110 number and 110 title

This Assignment 110 is in the 12th (12/11) version and has the same meaning as other languages with the same 110 number and 110 title

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: **ADSORBING VINYL ACETATE BINDERS**

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

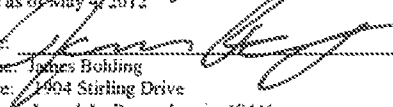
| Priority Number | Filing Date | Filing Country |
|-----------------|-------------|----------------|
| PCT/CN12/075063 | May 4, 2012 | PCF            |

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: Collegeville, PA  
this 28 day of April, 20 14  
Effective as of May 4, 2012

Signature:   
Full Name: James Bohling  
Residence: 1904 Stirling Drive  
Lansdale, Pennsylvania 19446  
UNITED STATES OF AMERICA

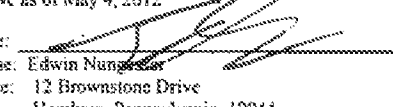
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Company  
Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_  
Effective as of May 4, 2012

Signature: \_\_\_\_\_  
Full Name: Qiaoqiao Cai  
Residence: 402, 31#, Lane 129  
East Nanjishang Road  
Shanghai 201318  
PEOPLE'S REPUBLIC OF CHINA

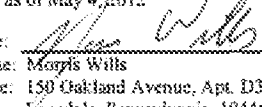
Country: People's Republic of China  
Citizenship: People's Republic of China  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas (China) Holding Co. Ltd.  
Of Country: People's Republic of China

At: Collegeville, PA  
this 28 day of April, 20 14  
Effective as of May 4, 2012

Signature:   
Full Name: Edwin Nungesser  
Residence: 12 Brownstone Drive  
Horsham, Pennsylvania 19044  
UNITED STATES OF AMERICA

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  
this 17 day of April, 20 14  
Effective as of May 4, 2012

Signature:   
Full Name: Morris Wills  
Residence: 150 Oakland Avenue, Apt. D304  
Lansdale, Pennsylvania 19446  
UNITED STATES OF AMERICA

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

( X ) Additional names and signatures are attached.

Additional names, addresses and signatures to be attached to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of May 4, 2012

Signature: \_\_\_\_\_  
 Full Name: Tinghe Zhang  
 Residence: Room 101, No. 19  
 Lane 100, Licheng Road  
 Pudong  
 Shanghai 200065; PEOPLE'S REPUBLIC OF  
 CHINA  
 Country: People's Republic of China  
 Citizenship: People's Republic of China  
 P.O. Address: Same as Residence  
 Employed By: Rohm and Haas (China) Holding Co. Ltd.  
 Of Country: People's Republic of China

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

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: **ADSORBING VINYL ACETATE BINDERS**

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

| Priority Number    | Filing Date | Filing Country |
|--------------------|-------------|----------------|
| PCT/CA/N(2007)5065 | May 4, 2012 | PCY            |

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.

AT: Shanghai, China  
this 4th day of May, 2014  
Effective as of May 4, 2012

Signature: [Signature]  
Full Name: Qinxiang Cai  
Residence: 402, 31#, Lane 129  
East Nanjiabang Road  
Shanghai 201318  
PEOPLE'S REPUBLIC OF CHINA

Country: People's Republic of China  
Citizenship: People's Republic of China  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas (China) Holding Co. Ltd.  
Of Country: People's Republic of China

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of May 4, 2012

Signature: \_\_\_\_\_

Full Name: Morris Wills  
Residence: 150 Oakland Avenue, Apt. D304  
Lansdale, Pennsylvania 19446  
UNITED STATES OF AMERICA

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

REEL: 038088 FRAME: 0219

Additional names, addresses and signatures to be attached to Form No. 10 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of May 4, 2012

Signature: \_\_\_\_\_  
 Full Name: Tingke Zhang  
 Residence: Room 101, No. 10  
 Lane 100, Licheng Road  
 Pudong  
 Shanghai 200065, PEOPLE'S REPUBLIC OF  
 CHINA  
 Country: People's Republic of China  
 Citizenship: People's Republic of China  
 P.O. Address: Same as Residence  
 Employed By: Rohm and Haas (China) Holding Co. Ltd.  
 Of Country: People's Republic of China

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

This document is the property of the U.S. Patent and Trademark Office and is loaned to you for your use only. It is not to be distributed outside your organization.

This document is the property of the U.S. Patent and Trademark Office and is loaned to you for your use only. It is not to be distributed outside your organization.

This document is the property of the U.S. Patent and Trademark Office and is loaned to you for your use only. It is not to be distributed outside your organization.

PCRM 110 (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: **ADSORBING VINYL ACETATE BINDERS**

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 trustees(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/CN124075065 | May 4, 2012 | 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 documents 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: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of May 4, 2012

Signature: \_\_\_\_\_  
Full Name: James Bohling  
Residence: 1904 Stirling Drive  
Lansdale, Pennsylvania 19446  
UNITED STATES OF AMERICA

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 May 4, 2012

Signature: \_\_\_\_\_  
Full Name: Qiaoqiao Cai  
Residence: 402, 318, Lane 129  
East Nanjinbang Road  
Shanghai 201318  
PEOPLES REPUBLIC OF CHINA

Country: People's Republic of China  
Citizenship: People's Republic of China  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas (China) Holding Co. Ltd.  
Of Country: People's Republic of China

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of May 4, 2012

Signature: \_\_\_\_\_  
Full Name: Edwin Nungesser  
Residence: 12 Brownstone Drive  
Horsham, Pennsylvania 19044  
UNITED STATES OF AMERICA

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 May 4, 2012

Signature: \_\_\_\_\_  
Full Name: Morris Wills  
Residence: 150 Oakland Avenue, Apt. D304  
Lansdale, Pennsylvania 19446  
UNITED STATES OF AMERICA

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

( X ) Additional names and signatures are attached.

Additional names, addresses and signatures to be attached to Form No. 110 INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: Shanghai, P.R. of China  
 this 18<sup>th</sup> day of April, 2014  
 Effective as of May 4, 2012

Signature: Tingke Zhang  
 Full Name: Tingke Zhang  
 Residence: Room 101, No. 10  
 Lane 100, Licheng Road  
 Pudong  
 Shanghai 200065, PEOPLE'S REPUBLIC OF  
 CHINA  
 Country: People's Republic of China  
 Citizenship: People's Republic of China  
 P.O. Address: Same as Residence  
 Employed By: Rohm and Haas (China) Holding Co. Ltd.  
 Of Country: People's Republic of China

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Citizenship: \_\_\_\_\_  
 P.O. Address: \_\_\_\_\_  
 Employed By: \_\_\_\_\_  
 Of Country: \_\_\_\_\_