

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5574536

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DONG YUN	10/21/2013
YUJIANG WANG	10/17/2013
HUI LIU	10/17/2013
CAIFENG WANG	10/17/2013
SIYUAN JIANG	10/17/2013
RECEIVING PARTY DATA	
Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
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:	16014465
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:	989-636-8434
Email:	dorothykennedy@dow.com
Correspondent Name:	DOW GLOBAL TECHNOLOGIES LLC
Address Line 1:	C/O THE DOW CHEMICAL COMPANY
Address Line 2:	2040 DOW CENTER
Address Line 4:	MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	73661-US-DIV
NAME OF SUBMITTER:	KARL. E. STAUSS
SIGNATURE:	/KARL E.STAUSS/
DATE SIGNED:	06/17/2019
Total Attachments: 9 source=73661_DCCI_Executed_Assignment#page1.tif source=73661_DCCI_Executed_Assignment#page2.tif source=73661_DCCI_Executed_Assignment#page3.tif source=73661_DCCI_Executed_Assignment#page4.tif source=73661_DCCI_Executed_Assignment#page5.tif source=73661_DCCI_Executed_Assignment#page6.tif source=73661_DCCI_Executed_Assignment#page7.tif source=73661_DCCI_Executed_Assignment#page8.tif source=73661_RandH_Executed_Inventors_Assignment#page1.tif	

This Assignment 110 is in the English language and has the same meaning in other languages with the same 110 number and 8/3/03

This Assignment 110 is in the English language and has the same meaning in other languages with the same 110 number and 8/3/03

FORM 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: **A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**

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) Investment Company Limited
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
PEOPLE'S REPUBLIC OF CHINA

an entity 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
201310398395.0	September 4, 2013	People's Republic of China

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: Shanghai
this 21st day of Oct., 20 13
Effective as of September 4, 2013
Signature: Dong Yun
Full Name: Dong Yun
Residence: Room 1103, No. 12, Lane 729
Li-jin Road
Shanghai 201129
PEOPLE'S REPUBLIC OF CHINA
Country: People's Republic of China
Citizenship: People's Republic of China
P.O. Address: Same as Residence above
Employed By: Dow Chemical (China) Investment 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: _____

() Additional names and signatures are attached.

This Assigner Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

This Assigner 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) INVESTMENT COMPANY LIMITED**
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

hereby accept the ASSIGNMENT attached hereto which is dated: October 21, 2013

From, the ASSIGNOR: Dong Yun, Room 1103, No. 12, Lane 729, Li-jin Road, Shanghai
201129, People's Republic of China, Citizen of People's Republic of China

of the invention entitled:

**A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR
DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**

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 Shanghai, China
this 7 day of January, 20 14

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED
CORP.
SEAL

By: [Signature]
DANIEL X. YAN
Authorized Representative

AFFIDAVIT OF EXECUTION

(CORPORATE OFFICER)

I, **Fiona Liu**

Whose full post office address is:

No. 936 Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai, P. R. C. 201203

Make Oath and say that I was personally present and did see:

DANIEL X. YAN

OF DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED

known or identified to me to be the individual(s) described and who executed the foregoing document
and that said individual has full authority to sign the document on behalf of the said corporation and
that the purposes for which said document is granted are within the scope of the objectives or activities
of said corporation and acknowledge the same as a free act and deed for uses and purposes therein
expressed.

Signed at: Shanghai, China

On this 7 day of January, 20 14

[Signature]
Subscribing Witness

PATENT

REEL: 049482 FRAME: 0132

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)

and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED**
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

an entity organized and existing under the laws of CHINA do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Dong Yun, Room 1103, No. 12, Lane 729, Li-jin Road, Shanghai 201129, People's Republic of China, Citizen of People's Republic of China

by an Assignment dated: October 21, 2013 of an invention relating to and entitled:

A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
United States of America

an entity organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
201310398395.0	September 4, 2013	People's Republic of China

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment 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.

Signed at: Shanghai, China
this 7 day of January, 20 14

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED
CORP.
SEAL

By: [Signature]
DANIEL X. YAN
Authorized Representative

[illegible]

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: January 7, 2014

From, the ASSIGNOR:

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED
Unit 63, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

of the invention entitled:

**A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR
DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**

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: Midland, Michigan 48674, USA

this 8 day of January, 20 14

CORP.
SEAL

THE DOW CHEMICAL COMPANY

By: [Signature]
DARRYL P. FRICKEY
Authorized Representative

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 8 day of January, 2014, personally appeared
before me, **DARRYL P. FRICKEY**, Authorized Representative,
known or identified to me to be the individual described in and who executed the foregoing document
and acknowledged the same as a free act and deed for uses and purposes therein expressed by
authority of the said entity organized and existing under the laws of the State of Delaware, United
States of America.

I further certify that said authority, dated July 12, 2013, is based on

a Certified Resolution

which I have seen, appointing the said individual Authorized Representative with full power to sign
the foregoing document on behalf of the said entity and that the purposes for which said document is
granted are within the scope of the objects or activities of said entity.

SEAL

[Signature]
Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT (with Priority Rights) and INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **THE DOW CHEMICAL COMPANY**
2638 Dow Center
Midland, Michigan 48674
United States of America

an entity organized and existing under the laws of the State of Delaware, United States of America, do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Dong Yun, Room 404, No. 124, Lane 667, Jufeng Road, Pudong New Area, Shanghai 200129, People's Republic of China,
Citizen of People's Republic of China,

by an Assignment dated: October 21, 2013, respectively of an invention relating to and entitled:

A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2640 Dow Center
Midland, Michigan 48674
United States of America

an entity organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
201310398394.0	September 4, 2013	People's Republic of China

of the application on which the priority will be based, and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee, and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country

of the corresponding application in any country where that patent property must be entered for record of this Assignment, and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the record of this Assignment 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 Sworn by us at Midland, Michigan 48674, USA

this 8 day of January, 20 14

CORP
SEAL

THE DOW CHEMICAL COMPANY

By

DARRYL P. FRICKEY

Authorized Representative

Attach Notarial Certificate

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

FORM 550

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
 STATE OF MICHIGAN) SS
 County/Parish of Midland)

On this 8 day of January, 2019, personally appeared before me, DARRYL P. FRICKEY, Authorized Representative, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated July 12, 2013, is based on

a Certified Resolution

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Ker

Kathy Sue Wern

Kathy Sue Wern
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
 MY COMMISSION EXPIRES APRIL 07, 2018

PATENT

REEL: 049482 FRAME: 0137

This Assignment Acceptance form is in the ENGLISH language and has the same meaning in other languages with the same legal effect.

This Assignment Acceptance form is in the ENGLISH language and has the same meaning in other languages with the same legal effect.

FORM 860

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
 2040 Dow Center
 Midland, Michigan 48674
 United States of America

I hereby accept the ASSIGNMENT attached hereto which is dated: January 8, 2014

From, the ASSIGNOR:
THE DOW CHEMICAL COMPANY
 2030 Dow Center
 Midland, Michigan 48674
 United States of America

of the invention entitled:

A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF

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 Midland, Michigan 48674, USA

this 9 day of January, 20 14

DOW GLOBAL TECHNOLOGIES LLC

By: Susan M. Zerull
SUSAN M. ZERULL
 Authorized Representative

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
 STATE OF MICHIGAN) SS
 County/Parish of Midland)

On this 9 day of January, 20 14, personally appeared before me, **SUSAN M. ZERULL**, Authorized Representative, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated June 1, 2012, is based on

A delegation of signature authority of said Limited Liability Company

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Kathy Sue Werts
Kathy Sue Werts
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
 MY COMMISSION EXPIRES APRIL 07, 2018

This document is a U.S. Patent and Trademark Office (USPTO) filing of a foreign patent application. It is not a U.S. patent and does not have the same legal effect as a U.S. patent.

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FORM 110 (10-1-97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verify 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 PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**

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

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
201310398395.0	September 4, 2013	People's Republic of China

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 Notarized 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
this 17th day of Oct., 2013
Effective as of September 4, 2013
Signature: Yujing Wang
Full Name: Yujing Wang
Residence: No. 173-302, Lane 99
Lidingbei Road
Shanghai 201203
PEOPLE'S REPUBLIC OF CHINA
Country: People's Republic of China
Citizenship: People's Republic of China
P.O. Address: Same as Residence above
Employed By: Rohm and Haas (China) Holding Co. Ltd.
Of Country: People's Republic of China

At: Shanghai
this 17th day of Oct., 2013
Effective as of September 4, 2013
Signature: Hui Liu
Full Name: Hui Liu
Residence: 301, Bldg. 380#
No. 8888, Zhongchun Road
Shanghai 201101
PEOPLE'S REPUBLIC OF CHINA
Country: People's Republic of China
Citizenship: People's Republic of China
P.O. Address: Same as Residence above
Employed By: Rohm and Haas (China) Holding Co. Ltd.
Of Country: People's Republic of China

At: Shanghai
this 17th day of Oct., 2013
Effective as of September 4, 2013
Signature: Wang Caifeng
Full Name: Caifeng Wang
Residence: Room 45, #502
No. 999, Shuiqing Road, Minhang District
Shanghai 201100
PEOPLE'S REPUBLIC OF CHINA
Country: People's Republic of China
Citizenship: People's Republic of China
P.O. Address: Same as Residence above
Employed By: Rohm and Haas (China) Holding Co. Ltd.
Of Country: People's Republic of China

At: Shanghai
this 17th day of Oct., 2013
Effective as of September 4, 2013
Signature: Siyuan Jiang
Full Name: Siyuan Jiang
Residence: 601, Bldg. 380#
No. 399 Jufeng Road
Shanghai 200129
PEOPLE'S REPUBLIC OF CHINA
Country: People's Republic of China
Citizenship: People's Republic of China
P.O. Address: Same as Residence above
Employed By: Rohm and Haas (China) Holding Co. Ltd.
Of Country: People's Republic of China

() Additional names and signatures are attached.

PATENT

RECORDED: 06/17/2019

REEL: 049482 FRAME: 0139