

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5261781

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BAINIAN QIAN	04/13/2017
FENGJI YEH	04/07/2017
TE-CHUN WANG	04/07/2017
SHENG-HUAN TSENG	04/07/2017
KEVIN WEN-HUAN TUNG	04/07/2017
MARTY W. DEGROOT	04/06/2017

RECEIVING PARTY DATA

Name:	Rohm and Haas Electronic Materials CMP Holdings, Inc.
Street Address:	451 Bellevue Road
City:	Newark
State/Country:	DELAWARE
Postal Code:	19713
Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16058757

CORRESPONDENCE DATA

Fax Number: (302)283-2144

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: 302-456-6622

Email: pconnell@dow.com

Correspondent Name: PATRICIA CONNELL

Address Line 1: 451 BELLEVUE ROAD

Address Line 4: NEWARK, DELAWARE 19713

ATTORNEY DOCKET NUMBER:	80585-US-DIV
NAME OF SUBMITTER:	PATRICIA A. CONNELL
SIGNATURE:	/Patricia A. Connell/
DATE SIGNED:	12/01/2018
Total Attachments: 5 source=80585AssignmentsExecuted#page1.tif source=80585AssignmentsExecuted#page2.tif source=80585AssignmentsExecuted#page3.tif source=80585AssignmentsExecuted#page4.tif source=80585AssignmentsExecuted#page5.tif	

ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

Bainian Qian, of Newark, Delaware; Fengji Yeh, of Hsinchu, Taiwan; Te-Chun Wang, of Taipei City, Taiwan; Sheng-Huan Tseng, of Hsinchu, Taiwan and Kevin Wen-Huan Tung, of Taichung, Taiwan;

Hereby declare that

We/I are true and first inventor(s) of an invention relating to

CHEMICAL MECHANICAL POLISHING PAD

which is disclosed in an application for Letters Patent in the United States of America, executed the 13th day of April, 2017 (Case No. 80585); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign and transfer unto Rohm and Haas Electronic Materials CMP Holdings, Inc., a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its mailing address at 451 Bellevue Road, Newark, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers, or instruments necessary or required by said assignee, its successors, assigns, and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

Bainian Qian
Bainian Qian

4-13-17
DATE

Fengji Yeh

DATE

Te-Chun Wang

DATE

Sheng-Huan Tseng

DATE

Kevin Wen-Huan Tung

DATE

ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

Bainian Qian, of Newark, Delaware; Fengji Yeh, of Hsinchu, Taiwan; Te-Chun Wang, of Taipei City, Taiwan; Sheng-Huan Tseng, of Hsinchu, Taiwan and Kevin Wen-Huan Tung, of Taichung, Taiwan;

Hereby declare that

We/I are true and first inventor(s) of an invention relating to

CHEMICAL MECHANICAL POLISHING PAD

which is disclosed in an application for Letters Patent in the United States of America, executed the 7th day of April, 2017 (Case No. 80585); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign and transfer unto Rohm and Haas Electronic Materials CMP Holdings, Inc., a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its mailing address at 451 Bellevue Road, Newark, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers, or instruments necessary or required by said assignee, its successors, assigns, and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

Bainian Qian

DATE

Fengji Yeh

Fengji Yeh

DATE

4/7/17

Te-Chun Wang

Te-Chun Wang

DATE

2017. 4. 7

Sheng-Huan Tseng

Sheng-Huan Tseng

DATE

2017. 4. 7

Kevin Wen-Huan Tung

Kevin Wen-Huan Tung

DATE

2017. 4. 7

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

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.
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: **CHEMICAL MECHANICAL POLISHING PAD**

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 Global Technologies LLC
2040 Dow Center
Midland, Michigan 48674
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
15/476,404	March 31, 2017	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: Newark, Delaware
this 6th day of April, 20 17
Effective as of March 31, 2017
Signature: [Signature]
Full Name: Marty W. DeGroot
Mailing Address: 451 Bellevue Road
Newark, Delaware 19713
United States of America

At: _____
this _____ day of _____, 20 ____
Signature: _____
Full Name: _____
Mailing Address: _____

At: _____
this _____ day of _____, 20 ____
Signature: _____
Full Name: _____
Mailing Address: _____

At: _____
this _____ day of _____, 20 ____
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Full Name: _____
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