PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5261766

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIA DE PENG	10/15/2018
LIN-CHEN HO	10/15/2018
BENSON PO-HSIANG CHI	10/15/2018

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	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16166087

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:	82121	
NAME OF SUBMITTER:	PATRICIA A. CONNELL	
SIGNATURE:	/Patricia A. Connell/	
DATE SIGNED:	12/01/2018	

Total Attachments: 2

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> **PATENT REEL: 047709 FRAME: 0286** 505214999

Application Serial Number: 16/166,087
Filing Date: October 20, 2018
Attorney Docket No.: 82121

ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

Jia De Peng, of Taoyuan, Taiwan; Lin-Chen Ho, of Taichung, Taiwan and Benson Po-Hsiang Chi, of Hsinchu County, Taiwan

Hereby declare that

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

CHEMICAL MECHANICAL POLISHING COMPOSITION AND METHOD FOR TUNGSTEN

which is disclosed in an application for Letters Patent in the United States of America, executed the day of ______, 2018 (Case No. 82121); 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.

Jale Perg Jia De Peng	10/15/18 DATE
Lin-Chen Ho	DATE
Benson Po-Hsiang Chi	DATE

Page 1 of 1

Application Serial Number: 16/166,087 Filing Date: October 20, 2018 Attorney Docket No.: 82121

ASSIGNMENT OF PATENT APPLICATION

Well, the undersigned

Jia De Peng, of Taoyuan, Taiwan; Lin-Chen Ho, of Taichung, Taiwan and Benson Po-Hsiang Chi, of Hsinchu County, Taiwan

Hereby declare that

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

CHEMICAL MECHANICAL POLISHING COMPOSITION AND METHOD FOR TUNGSTEN

which is disclosed in an application for Letters Patent in the United States of America, executed the 15th day of October . 2018 (Case No. 82121); 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,

fia De Peng	DATE
Lindon Un	yo(2/15/15
Jin-Chen Ho	DATE
Contract Samuel Contract Contr	>0/8/10/15
Benson Po-Hsiang Chi	DATE

Page 1 of 1