

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yi Guo</td> <td>08/11/2011</td> </tr> <tr> <td>Jerry Lee</td> <td>09/15/2011</td> </tr> <tr> <td>Raymond L. Lavoie Jr.</td> <td>08/11/2011</td> </tr> <tr> <td>Guangyun Zhang</td> <td>08/11/2011</td> </tr> </tbody> </table>	Name	Execution Date	Yi Guo	08/11/2011	Jerry Lee	09/15/2011	Raymond L. Lavoie Jr.	08/11/2011	Guangyun Zhang	08/11/2011	
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Yi Guo	08/11/2011										
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Guangyun Zhang	08/11/2011										
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:	13209749										
CORRESPONDENCE DATA											
Fax Number:	(302)283-2144										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Patricia Connell										
Address Line 1:	451 Bellevue Road										
Address Line 4:	Newark, DELAWARE 19713										
ATTORNEY DOCKET NUMBER:	71533										
NAME OF SUBMITTER:	Patricia Connell										
Total Attachments: 3 source=71533Assignment#page1.tif source=71533Assignment#page2.tif source=71533Assignment#page3.tif											

CH \$40.00 13209749

ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

Yi Guo, Jerry Lee, Raymond L. Lavoie, Jr., and Guangyun Zhang

Hereby declare that

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

METHOD FOR CHEMICAL MECHANICAL POLISHING TUNGSTEN

which is disclosed in an application for Letters Patent in the United States of America, executed the 11th + 15th day of August + September, 2011 (Case No. 71533); 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.



Yi Guo



DATE



Jerry Lee

9/15, 2011

DATE

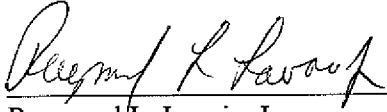
Raymond L. Lavoie, Jr.

DATE

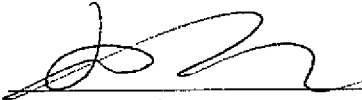
Guangyun Zhang

DATE

Jerry Lee



Raymond L. Lavoie, Jr.



Guangyun Zhang

DATE

8-11-11

DATE

8/11/11

DATE