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1. Name of conveying party(ies)/Execution Date(s):Carolina L. Elmufdi
Jeffrey J. Hendron
Gregory P. MuldowneyAdditional name(s) of conveying party(ies) attached? Yes No**2. Name and address of receiving party(ies)**Name: Rohm and Haas Electronic Materials CMP Holdings, Inc.

Internal Address: _____

Street Address: 1105 North Market StreetSuite 1300City: WilmingtonState: DECountry: US Zip: 19899Additional name(s) & address(es) attached? Yes No**3. Nature of conveyance:**Execution Date(s) 7/6/2005 and 7/22/2005

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):A. Patent Application No.(s) 11/134,580 This document is being filed together with a new application.

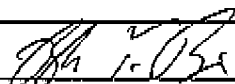
B. Patent No.(s)

Additional numbers attached? Yes No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Blake T. BiedermanRohm and Haas Electronic Materials CMP Holdings, Inc.

Internal Address: _____

Street Address: 1105 North Market StreetSuite 1300City: WilmingtonState: DE Zip: 19899Phone Number: 302-366-0500Fax Number: 302-283-2144Email Address: bbiederman@rohmmaas.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 500618Authorized User Name Blake T. Biederman**9. Signature:**

Signature

August 30, 2005

Date

Blake T. Biederman

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500618 11134580

Application Serial No.: 11/134,580

Filing Date: May 20, 2005

Attorney Docket No.: 04036U1

ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

Carolina L. Elmufdi, Jeffrey J. Hendron, Gregory P. Muldowney,

Hereby declare that

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

CMP PAD HAVING A RADIALY ALTERNATING GROOVE SEGMENT CONFIGURATION

which is disclosed in an application for Letters Patent in the United States of America, executed the 6th + 22nd day of July, 2005 (Case No. 04036U1); 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 principal place of business at Wilmington, 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.

Signed and sealed this 6th day of July 2005

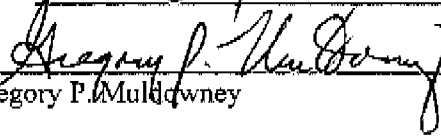
Carolina L. Elmufdi
Carolina L. Elmufdi

Signed and sealed this 6th day of July 2005

Jeffrey J. Hendron
Jeffrey J. Hendron

Application Serial No.: 11/134,580
Filing Date: May 20, 2005
Attorney Docket No.: 04036U1

Signed and sealed this 22nd day of July 2005



Gregory P. Muldowney