

## PATENT ASSIGNMENT

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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>David B James</td> <td>09/29/2011</td> </tr> <tr> <td>Chau H Duong</td> <td>09/29/2011</td> </tr> <tr> <td>Jia Xie</td> <td>09/29/2011</td> </tr> </tbody> </table>		Name	Execution Date	David B James	09/29/2011	Chau H Duong	09/29/2011	Jia Xie	09/29/2011		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Rohm and Haas Electronic Materials CMP Holdings, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>451 Bellevue Road</td> </tr> <tr> <td>City:</td> <td>Newark</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19713</td> </tr> </table>		Name:	Rohm and Haas Electronic Materials CMP Holdings, Inc.	Street Address:	451 Bellevue Road	City:	Newark	State/Country:	DELAWARE	Postal Code:	19713
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Application Number:	13248123										
CORRESPONDENCE DATA											
Fax Number:	(302)283-2144										
Phone:	302-456-6622										
Email:	pconnell@dow.com										
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.											
Correspondent Name:	Patricia Connell										
Address Line 1:	451 Bellevue Road										

CH \$40.00 13248123

Address Line 4: Newark, DELAWARE 19713

ATTORNEY DOCKET NUMBER:

71746

NAME OF SUBMITTER:

Patricia Connell

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

David B. James and Chau H. Duong


Hereby declare that

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

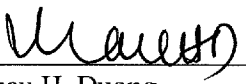
ACRYLATE-POLYURETHANE ELASTOMER POLISHING PADS

which is disclosed in an application for Letters Patent in the United States of America, executed the 29th day of September, 2011 (Case No. 71746); 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.

  
\_\_\_\_\_  
David B. James

9/29/11  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
Chau H. Duong

9/29/11  
\_\_\_\_\_  
DATE

# 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: **ACRYLATE-POLYURETHANE ELASTOMER POLISHING PADS**

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

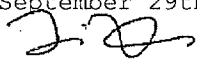
a **limited liability company** organized and existing under the laws of the State of **DELAWARE, U.S.A.** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional 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
		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 recordal 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: Lake Jackson, TX  
this 29<sup>th</sup> day of September, 20 11  
Effective as of September 29th, 2011  
Signature:   
Full Name: Jia Xie  
Residence: 127 Plantation Drive West  
Lake Jackson, TX 77566  
Country: United States of America  
Citizenship: CN  
P.O. Address:  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_  
Effective as of \_\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
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Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached.