

12-26-06

12-29-2006

D/#

Form PTO-158 (Rev. 08/05)  
OMB No. 3045-0027 (exp. 6/30/2008)



U.S. DEPARTMENT OF COMMERCE  
States Patent and Trademark Office

**RECC**

**103355199**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p><b>1. Name of conveying party(ies):</b> Deyan WANG Cheng-Bai XU</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies)</b></p> <p>Name: <u>Rohm and Haas Electronic Materials LLC</u></p> <p>Internal Address: <u>Patent Department</u></p> <p>Street Address:  <u>455 Forest Street</u></p> <p>City: <u>Marlborough</u></p> <p>State: <u>Massachusetts</u></p> <p>Country: <u>USA</u> Zip: <u>01752</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p><b>3. Nature of conveyance/Execution Date(s):</b></p> <p>Execution Date(s): in parentheses after inventor name</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	

**4. Application or patent number(s):**  This document is being filed together with a new application.

<p>A. Patent Application No.(s) <u>This application</u></p> <p><u>11/542,563</u>      <u>10/03/2006</u></p>	<p>B. Patent No.(s)</p>
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	

<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: <u>S. Matthew Cairns</u> <u>ROHM AND HAAS ELECTRONIC MATERIALS LLC</u></p> <p>Internal Address: <u>Atty. Dkt.: 52847</u></p> <p>Street Address: <u>455 Forest Street</u></p> <p>City: <u>Marlborough</u></p> <p>State: <u>MA</u> Zip: <u>01752</u></p> <p>Phone Number: <u>(508) 229-7545</u></p> <p>Fax Number: <u>(508) 787-4730</u></p> <p>Email Address: <u>mcairns@rohmmaas.com</u></p>	<p><b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px 10px;">1</span></p> <p><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ <u>40.00</u></b></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p><b>8. Payment Information</b></p> <p>a. Credit Card      Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>18-1850</u> Authorized User Name <u>Jonathan D. Baskin</u></p>
--	---

**9. Signature:**

Signature \_\_\_\_\_ Date 12/22/2006

Jonathan D. Baskin (Reg. No. 39,499)

Name of Person Signing \_\_\_\_\_

Total number of pages including cover sheet, attachments, and documents: 3

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as First Class Mail on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dated: 12/22/2006      Signature: Deanna M. Rivnerider (Deanna M. Rivnerider)

11542563  
 181850  
 0000015 181850  
 40.00 00

**ASSIGNMENT**

WHEREAS, I, Deyan WANG of Hudson, Massachusetts and I, Cheng-Bai XU of Southborough, Massachusetts, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "COMPOSITIONS AND PROCESSES FOR PHOTOLITHOGRAPHY", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on October 3, 2005 and assigned United States Patent Application Serial No. 11/542,563, which application corresponds to and claims priority of United States Provisional Application Serial No. 60/723,368, filed October 3, 2005; and;

WHEREAS, Rohm and Haas Electronic Materials LLC, located at 455 Forest Street, Marlborough, Massachusetts 01752, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignors have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

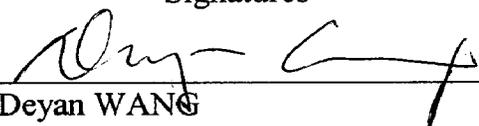
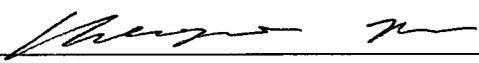
The Assignors also have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the Patent Law Department of Rohm and Haas Electronic Materials LLC the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Effective from the date of: October 3, 2005.

	Signatures	Date
1.	 Deyan WANG	<u>10/9/06</u>
2.	 Cheng-Bai XU	<u>10/2/2006</u>