

PATENT ASSIGNMENT

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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>Mark R. Winkle</td> <td>11/17/2011</td> </tr> <tr> <td>Avin V. Dhoble</td> <td>12/06/2011</td> </tr> <tr> <td>Kim S. Ho</td> <td>11/21/2011</td> </tr> <tr> <td>Michael K. Gallagher</td> <td>12/22/2011</td> </tr> <tr> <td>Xiang-Qian Liu</td> <td>12/06/2011</td> </tr> <tr> <td>David A. Fleming</td> <td>12/06/2011</td> </tr> </tbody> </table>		Name	Execution Date	Mark R. Winkle	11/17/2011	Avin V. Dhoble	12/06/2011	Kim S. Ho	11/21/2011	Michael K. Gallagher	12/22/2011	Xiang-Qian Liu	12/06/2011	David A. Fleming	12/06/2011
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RECEIVING PARTY DATA															
Name:	Rohm and Haas Electronic Materials LLC														
Street Address:	455 Forest Street														
City:	Marlborough														
State/Country:	MASSACHUSETTS														
Postal Code:	01752														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13250226</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13250226										
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Application Number:	13250226														
CORRESPONDENCE DATA															
Fax Number:	3022832144														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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:	71736														
NAME OF SUBMITTER:	Patricia Connell														

CH \$40.00 13250226

Signature:	/patricia connell/
Date:	04/02/2013
Total Attachments: 7 source=71736Assignment#page1.tif source=71736Assignment#page2.tif source=71736Assignment#page3.tif source=71736Assignment#page4.tif source=71736Assignment#page5.tif source=71736Assignment#page6.tif source=71736Assignment#page7.tif	

ASSIGNMENT

WHEREAS, I, Mark R. Winkle of Lansdale, Pennsylvania, Avin V. Dhoble of Waltham, Massachusetts, Kim S. Ho of Richboro, Pennsylvania, Michael K. Gallagher of Hopkinton, Massachusetts, Xiang-Qian Liu of Colleagueville, Pennsylvania and David D. Fleming of Northborough, Massachusetts, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "Polyamine, Caroxylic Acid Flux Composition And Method Of Soldering", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on September 30, 2011 and assigned United States Non-Provisional Patent Application Serial No. 13/250,226; 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: September 30, 2011.

Signatures

Date

1. Mark R. Winkle
Mark R. Winkle

Nov. 17, 2011

2. _____
Avin V. Dhoble

3. _____
Kim S. Ho

4. _____
Michael K. Gallagher


5. _____
Xiang-Qian Liu

6. _____
David D. Fleming

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2.  Avin V. Dhoble	12/6/11
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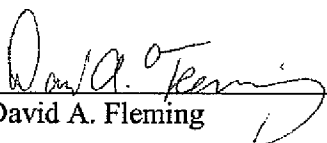
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3. _____ Kim S. Ho	_____
4. _____ Michael K. Gallagher	_____
5. <i>Xiang Qian Liu</i> Xiang-Qian Liu	<i>12-06-2011</i>
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