



05-28-2008

Form **PTO-1595** (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

...103505189

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

1. Name of conveying party(ies):James W. GETZ (4/10/2008)
David W. SHERRER (4/10/2008)
John J. FISHER (03/18/2008)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: Rohm and Haas Electronic Materials LLCInternal Address: Patent Department

Street Address:

455 Forest Street

City: MarlboroughState: MassachusettsCountry: USA Zip: 01752Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): in parentheses after inventor name

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

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

A. Patent Application No.(s)

This application

12/072,157

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Jonathan D. Baskin
ROHM AND HAAS ELECTRONIC
MATERIALS LLCInternal Address: Atty. Dkt.: 52528Street Address: 455 Forest StreetCity: MarlboroughState: MA Zip: 01752Phone Number: (508)Fax Number: (508) 787-4730Email Address: JBaskin@rohmhaas.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 18-1850

Authorized User Name _____

9. Signature:
Signature
Jonathan B. Baskin
Name of Person Signing

05/19/2008

Date

65/27/2008 DEYONE 88890005 181850
sheet attachments, and documents: 01 FC:0021 40.00 00 5

12072157

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, MS Issue Fee, on the date shown below in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 05/19/2008

Signature: (Deanna M. Rivemider)

ASSIGNMENT

WHEREAS, I, James W. GETZ of Blacksburg, Virginia, I, David W. SHERRER of Radford, Virginia and I, John J. FISHER of Taylors, South Carolina, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "ELECTRONIC DEVICE PACKAGES AND METHODS OF FORMATION", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on February 25, 2008 and assigned United States Patent Application Serial No. 12/072,157, which application corresponds to and claims priority of United States Provisional Application Serial No. 60/903,490, filed February 25, 2007; 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.

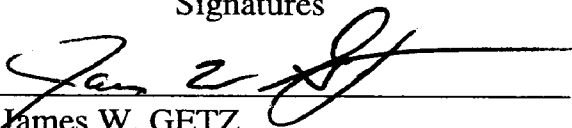
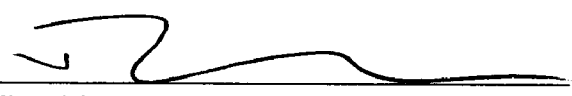
The Assignors also hereby grant the Patent Law Department of Rohm and Haas Electronic Materials LLC the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of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

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

Effective from the date of: February 25, 2007.

Signatures

Date

1.  James W. GETZ	<u>4/10/08</u>
2.  David W. SHERRER	<u>4/10/08</u>
3. _____ John J. FISHER	_____

Attorney Docket No. 52528

Page 1 of 2

ASSIGNMENT

WHEREAS, I, James W. GETZ of Blacksburg, Virginia, I, David W. SHERRER of Radford, Virginia and I, John J. FISHER of Taylors, South Carolina, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "ELECTRONIC DEVICE PACKAGES AND METHODS OF FORMATION", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on February 25, 2008 and assigned United States Patent Application Serial No. 12/072,157, which application corresponds to and claims priority of United States Provisional Application Serial No. 60/903,490, filed February 25, 2007; 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.

Attorney Docket No. 52528

Page 2 of 2

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: February 25, 2007.

Signatures

Date

1. James W. GETZ

2. David W. SHERRER

3. John J. FISHER

3-18-08

PATENT

RECORDED: 05/22/2008

REEL: 021015 FRAME: 0612