

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>John J. Fisher</td> <td>05/31/2006</td> </tr> <tr> <td>Rohm and Haas Electronic Materials LLC</td> <td>07/08/2008</td> </tr> <tr> <td>Carl Gaebe</td> <td>10/31/2009</td> </tr> </tbody> </table>		Name	Execution Date	John J. Fisher	05/31/2006	Rohm and Haas Electronic Materials LLC	07/08/2008	Carl Gaebe	10/31/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Nuvotronics LLC</td> </tr> <tr> <td><b>Street Address:</b></td> <td>7586 Old Peppers Ferry Loop</td> </tr> <tr> <td><b>City:</b></td> <td>Radford</td> </tr> <tr> <td><b>State/Country:</b></td> <td>VIRGINIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>24141</td> </tr> </table>		<b>Name:</b>	Nuvotronics LLC	<b>Street Address:</b>	7586 Old Peppers Ferry Loop	<b>City:</b>	Radford	<b>State/Country:</b>	VIRGINIA	<b>Postal Code:</b>	24141
<b>Name:</b>	Nuvotronics LLC										
<b>Street Address:</b>	7586 Old Peppers Ferry Loop										
<b>City:</b>	Radford										
<b>State/Country:</b>	VIRGINIA										
<b>Postal Code:</b>	24141										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12534446</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12534446						
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (703)935-8473</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 571-313-7556</p> <p>Email: mail@sherr-law.com</p> <p>Correspondent Name: Daniel H Sherr</p> <p>Address Line 1: 620 Herndon Parkway</p> <p>Address Line 4: Herndon, VIRGINIA 20170</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	440-0421										
<b>NAME OF SUBMITTER:</b>	Edgar G. Rodriguez										
<p>Total Attachments: 4</p> <p>source=SKMBT_C45109111506040#page1.tif</p> <p>source=SKMBT_C45109111506040#page2.tif</p>											

OP \$40.00 12534446

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**PATENT**  
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PTO/SB/36 (08-08)

Approved for use through 10/31/2008. OMB 0651-0031

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

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Nuvotronics, LLCApplication No./Patent No.: 11/445,043Filed/Issue Date: 06/01/2006Entitled: OPTICAL ASSEMBLIES AND THEIR METHODS OF FORMATION

Nuvotronics, LLC

(Name of Assignee)

, a Limited Liability Company

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy therefore is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: John J. Fisher To: Rohm and Haas Electronic Materials LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 017954, Frame 0426, or for which a copy thereof is attached.

2. From: Rohm and Haas Electronic Materials LLC To: Nuvotronics, LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 021574, Frame 0774, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at

Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.06]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Date

David W. Sherrer

540-552-4610

Printed or Typed Name

Telephone Number

President

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: 440-0421  
Application No.: 12/534,446  
Filing Date: August 3, 2009

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) John J. Fisher residing at 961 Club House Road, Blacksburg, VA 24060  
U.S.A.
- 2) Carl Gaebe residing at Meisenweg 5, 35764 Sinn/Fleisbach, Germany

who have made certain new and useful inventions, hereby sell, assign and transfer unto

**Nuvotronics LLC**

having an address at

7586 Old Pappers Ferry Loop, Radford, VA 24141

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**OPTICAL ASSEMBLIES**

for which an application for a United States Patent was filed on August 3, 2009, identified as U.S. Patent Serial Number 12/534,446,

Docket No.: 440-0421  
Application No.: 12/534,446  
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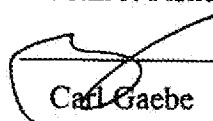
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, and associated foreign patent applications, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grants the firm of SHERR & VAUGHN, PLLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

Docket No.: 440-0421  
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SIGNED on the dates indicated aside our signatures:

	INVENTOR	DATE
1)	_____ John J. Fisher	
2)	 Carl Gaebe	31 oct 2009