

11-26-2002

FORM PTO-1595

(Rev. 03/01)

OMB No. 0651-0011 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents

102294123

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Aaron Scott Lukas
Mark Leonard O'Neill
Mark Daniel Bitner
Jean Louise Vincent
Raymond Nicholas Vrtis
Eugene Joseph Karwacki, Jr.

11/14/02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **Air Products and Chemicals, Inc.**
 Internal Address: **Patent Department**
 Street Address: **7201 Hamilton Boulevard**
 City **Allentown** State **PA** ZIP **18195-1501**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: **14 November 2002; 14 November 2002;**
14 November 2002; 14 November 2002; 14 November
2002; 14 November 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **14 November 2002**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Dianne K. Moser**
Legal Assistant

Internal Address: **Patent Department (06336 USA)**Street Address: **7201 Hamilton Boulevard**City **Allentown** State **PA** ZIP **18195-1501**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41) \$ **40.00**

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

01-0493

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9. Statement of signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Rose P. Morris-Oskanian, Reg. No. 47,321

Name, Reg. No. of Person Signing

Rose P. Morris-Oskanian

Signature

Nov. 14, 2002

14 November, 2002

Date

Total number of pages comprising cover sheet: **1**

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks
Box Assignments
Washington, D.C. 20231

DOCUMENT3

11/25/2002 TDIAZ1 00000106 010493 10295568
 01 FC:8021 40.00 CH

PATENT
REEL: 013512 FRAME: 0198

ASSIGNMENT

For value received, we, Aaron Scott Lukas, Mark Leonard O'Neill, Mark Daniel Bitner, Jean Louise Vincent, Raymond Nicholas Vrtis, and Eugene Joseph Karwacki, Jr., hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

NON-THERMAL PROCESS FOR FORMING POROUS LOW DIELECTRIC CONSTANT FILMS

described in our application for Letters Patent of the United States (identified by Docket No. 06336 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS, INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

Aaron Scott Lukas (L.S.)
Aaron Scott Lukas

November 14, 2002
Date

Mark Leonard O'Neill (L.S.)
Mark Leonard O'Neill

November 14, 2002
Date

Mark Daniel Bitner (L.S.)
Mark Daniel Bitner

November 14, 2002
Date

Jean Louise Vincent (L.S.)
Jean Louise Vincent

November 14, 2002
Date

Raymond Nicholas Vrtis (L.S.)
Raymond Nicholas Vrtis

November 14, 2002
Date

Eugene Joseph Karwacki, Jr. (L.S.)
Eugene Joseph Karwacki, Jr.

November 14, 2002
Date

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<u><i>Aaron Scott Lukas</i></u> (L.S.) Aaron Scott Lukas <u>November 14, 2002</u> Date	<u><i>Mark Leonard O'Neill</i></u> (L.S.) Mark Leonard O'Neill <u>November 14, 2002</u> Date
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<u><i>Mark Daniel Bitner</i></u> (L.S.) Mark Daniel Bitner <u>November 14, 2002</u> Date	<u><i>Jean Louise Vincent</i></u> (L.S.) Jean Louise Vincent <u>November 14, 2002</u> Date
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<u><i>Raymond Nicholas Vrtis</i></u> (L.S.) Raymond Nicholas Vrtis <u>November 14, 2002</u> Date	<u><i>Eugene Joseph Karwacki, Jr.</i></u> (L.S.) Eugene Joseph Karwacki, Jr. <u>November 14, 2002</u> Date
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