

02-25-2004

Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0011 (exp. 6/30/2005)

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

...ned original documents or copy thereof.

1. Name of conveying party(ies):

Darryl Paul Butt
Raymond Ashton Cutler
Steven Walton Rynders
Michael Francis CarolanAdditional 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:

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- Other _____

Execution Date: **(1) 20 June 2003, (2) 26 June 2003,**
(3) 01 July 2003, (4) 07 July 2003

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: **(1) 20 June 2003,**
(2) 26 June 2003, (3) 01 July 2003, (4) 07 July 2003

A. Patent Application No.(s)

10/393,564 (Filed 03/21/03)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Ruth Ann Borst**
Legal AssistantInternal Address: **Patent Department (06067 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**

- ☐
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*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.***Keith D. Gourley, Reg. No. 32,988**

Name, Reg. No. of Person Signing

Signature

16 February 2004

Date

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

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DOCUMENTS

07-25-2003

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0011 (exp. 6/30/20025)

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

102508369

To the Honorable Commissioner of Patents &

original documents or copy thereof.

1. Name of conveying party(ies): **Darryl Paul Butt**
Raymond Ashton Cutler
Steven Walton Rynders
Michael Francis Carolan

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**

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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 (06067 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:
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Keith D. Gourley, Reg. No. 32,988

Name, Reg. No. of Person Signing

Signature

Date **21 July, 2003**Total number of pages comprising cover sheet: **1**

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DOCUMENT2

07/25/2003 6TON11 00000091 010493 GOURLEY K
 01 FC:0021 40.00 DA

PATENT
REEL: 014994 FRAME: 0437

ASSIGNMENT

For value received, we, Darryl Paul Butt, Raymond Ashton Cutler, Steven Walton Rynders and Michael Francis Carolan, 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

METHOD OF FORMING A JOINT

described in our application for Letters Patent of the United States (identified by Docket No. 06067 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.

 (L.S.)
Darryl Paul Butt

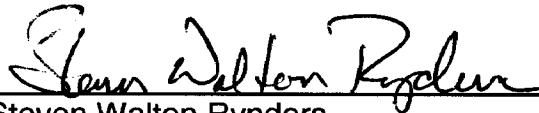
20 June '03

Date

 (L.S.)
Raymond Ashton Cutler

26 June 2003

Date

 (L.S.)
Steven Walton Rynders

1 July 2003

Date

 (L.S.)
Michael Francis Carolan

7 July 2003

Date