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Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Donald Winston Woodward
Arthur Ramsden Smith

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

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

Name: Air Products and Chemicals,

Internal Address: Patent Department

Street Address: 7201 Hamilton Boulevard

City Allentown State PA ZIP 18195

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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 01 and 10 August 1998

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: 01 and 10 August 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/132930

Additional numbers attached? Yes No

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

Name: Gabriele C. Whittier
Legal Assistant

Internal Address: Patent Department (211PUS05709)

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
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01-0493

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9. Statement of signature.

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08/25/1998 JMWTKINS 0000008 010493
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DOCUMENT3

PATENT
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ASSIGNMENT

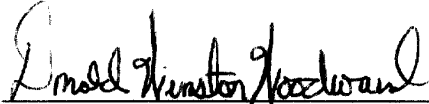
For value received, we, Donald Winston Woodward and Arthur Ramsden Smith, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

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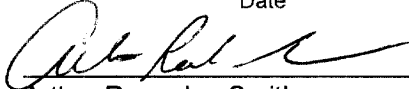
described in our application for Letters Patent of the United States (identified by Docket No. 211PUS05709) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters 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.)
Donald Winston Woodward

1 Aug 1998
Date

 (L.S.)
Arthur Ramsden Smith

10 Aug, 1998
Date