

11-12-1998

FORM PTO-1595
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To the Assistant Commissioner for Patents. Please ~~attach the original documents or~~ attach original documents or copy thereof.

1. Name of conveying party(ies):
Phillip Andrew Armstrong
Kenneth William Kovak
James William Meehan

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

NRD
11-4-98

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

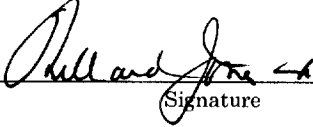
3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: **20, 26, 27 October 1998**

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:
A. Patent Application No.(s) **09/166,374** B. Patent No.(s)
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 (211PUS05819)**
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.
Willard Jones II, Reg. No. 31,172  11/02/98
Name, Reg. No. of Person Signing Signature Date
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DOCUMENT2

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PATENT
REEL: 9568 FRAME: 0496

ASSIGNMENT


For value received, we, Phillip Andrew Armstrong, Kenneth William Kovak and James William Meehan, 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

COMBINED VAPOR/LIQUID DISTRIBUTOR FOR PACKED COLUMNS

described in our application for Letters Patent of the United States (identified by Docket No. 211PUS05819) 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.)
Phillip Andrew Armstrong

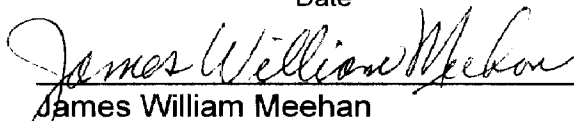
26 Oct 98

Date

 (L.S.)
Kenneth William Kovak

27 Oct '98

Date

 (L.S.)
James William Meehan

20 Oct 1998

Date