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**Ronald Martin Pearlstein
John Giles Langan
Dao-Hong Zheng
John Irven
Benjamin Lee Hertzler**
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
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Execution Date: 1) 8/22, 2) 9/2, 3) 9/12, 4) 10/4, 5) 8/23, 2000

4. Application number(s) or patent number(s): 09/641,933 Filed: 08/18/00
If this document is being filed together with a new application, the execution date of the application is:
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 (06029USA)**
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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PATENT
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ASSIGNMENT

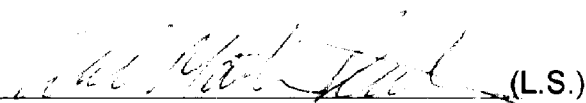
For value received, we, Ronald Martin Pearlstein, John Giles Langan, Dao-Hong Zheng, John Irven, and Benjamin Lee Hertzler, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

Sub-Atmospheric Gas Delivery Method And Apparatus

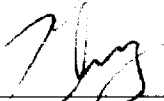
described in our application for Letters Patent of the United States (identified by Docket No. 06029 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent 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.)
Ronald Martin Pearlstein

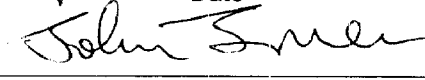
August 22, 2000
Date

 (L.S.)
Dao-Hong Zheng

12 Sept. 2000
Date


 (L.S.)
John Giles Langan

September 2, 2000
Date

 (L.S.)
John Irven

4 October 2000
Date

____ (L.S.)
Benjamin Lee Hertzler


Date
8/23/2000

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