

05-07-1998

FORM PTO-1595
1-21-92
MRP 4-28-98 RECO

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Assistant Commissioner for Patents.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Timothy Christopher Golden Thomas Stephen Farris Wilbur Clymer Kratz William Emil Waldron Charles Henry Johnson Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 20, 21, 22, 23 April 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: 23 April 1998 A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 (211PUSO5694) Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>01-0493</u>

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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.

Geoffrey L. Chase, Reg. No. 28,059

Name, Reg. No. of Person Signing

Signature

04/28/98

Date

Total number of pages comprising cover sheet: 1

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

05/06/1998 DCOATES 00000064 010493 09067742 Assistant Commissioner for Patents
 01 FC:581 40.00 CH Box Assignments
 Washington, D.C. 20231

ASSIGNMENT


For value received, we, Timothy Christopher Golden, Thomas Stephen Farris, Wilbur Clymer Kratz, William Emil Waldron, and Charles Henry Johnson, 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


Adjusted Density Carbon for Hydrogen PSA

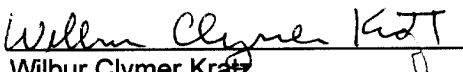
described in our application for Letters Patent of the United States (identified by Docket No. 211PUSO5694) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters 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.

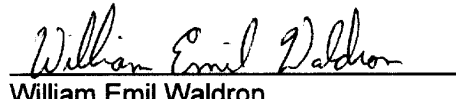
And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, 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.)
Timothy Christopher Golden
22 April 1998
Date

 (L.S.)
Thomas Stephen Farris
April 22 1998
Date

 (L.S.)
Wilbur Clymer Kratz
April 20 1998
Date

 (L.S.)
William Emil Waldron
23 April 1998
Date

 (L.S.)
Charles Henry Johnson
Apr 21 '98
Date