

04-11-2000

FORM PTO-1595

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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):  
**Yoshihide Senzaki  
Arthur Kenneth Hockberg  
Robert McLemore Fleming  
David Allen Roberts  
John Anthony Thomas Norman  
Glenn Baldwin Alers**

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  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 1) 2/18, 2) 2/18, 3) 3/1, 4) 2/11, 5) 2/18, 6) 2/25/2000

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: **March 10, 2000**  
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 (05962USA)**  
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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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 **March 10, 2000** Date  
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PATENT  
REEL: 010666 FRAME: 0476

**ASSIGNMENT**



For value received, we, Yoshihide Senzaki, Arthur Kenneth Hochberg, David Allen Roberts, John Anthony Thomas Norman, and Glenn Baldwin Alers, hereby sell, assign, and transfer jointly to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, and **LUCENT TECHNOLOGIES, INC.**, a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974, the entire right, title, and interest in and to the invention relating to

**Deposition And Annealing of Multicomponent ZrSnTi And HfSnTi Oxide Thin Films Using Solventless Liquid Mixture of Precursors**

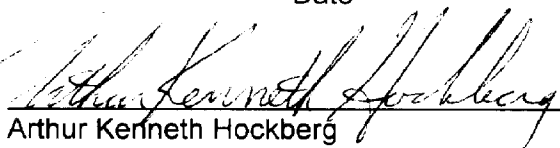
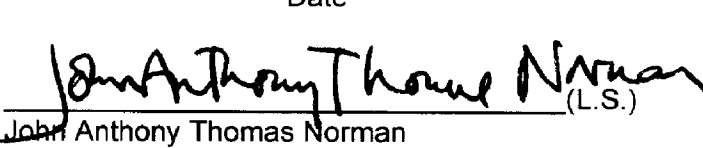
described in our application for Letters Patent of the United States (identified by Docket No. 05962USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey jointly to said **AIR PRODUCTS AND CHEMICALS, INC.** and **LUCENT TECHNOLOGIES, 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 jointly to said **AIR PRODUCTS AND CHEMICALS, INC.** and **LUCENT TECHNOLOGIES, INC.**, as assignees 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 jointly in said **AIR PRODUCTS AND CHEMICALS, INC.** and **LUCENT TECHNOLOGIES, INC.**, their successors and assigns, the rights conveyed as herein set forth.

 (L.S.)  (L.S.)  
Yoshihide Senzaki David Allen Roberts

2-18-00 Date 2/11/00 Date

 (L.S.)  (L.S.)  
Arthur Kenneth Hockberg John Anthony Thomas Norman

2/18/2000 Date 2-18-00 Date

 (L.S.)  (L.S.)  
Robert McInore Fleming Glenn Baldwin Alers

3/1/00 Date 2/25/00 Date