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DEPARTMENT OF COMMERCE
Patent and Trademark Office

Form PTO-1595 (Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)
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RECORDATION
PAT



102477582

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Praxair CMP Products, Inc.

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

2. Name and address of receiving party(ies)
Name: Praxair S. T. Technology, Inc.
Internal Address: _____

Street Address: 441 Sackett Point Road

City: North Haven State: CT Zip: 06473

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 03/25/2003

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)
60/087,740
B. Patent No. (s)
5571223

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Joann M. Jelsa
Internal Address: _____
Praxair, Inc.
Law Department, M1 557
Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip: 06810-5113

6. Total number of applications and patents involved: 16
7. Total fee (37 CFR 3.41).....\$ 640.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
16-2440

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and 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.
Iurie A. Schwartz, Reg. No. 43,909 [Signature] 6-12-03
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

06/18/2003 6TON11 00000227 162440 60087740
01 FC:8021 640.00 BA

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 014172 FRAME: 0988

RECORDATION FORM COVER SHEET
PATENTS ONLY

Continuation of Item 4

A. Patent Application No.(s)

B. Patent No.(s)

60/087,742

6514301

60/105,606

6213858

60/386,943

6406363

08/903,004

08/941,386

09/317,974

09/596,842

09/386,745

10/315,261

10/266,552

ASSIGNMENT OF PATENTS AND PENDING PATENT APPLICATIONS

The undersigned, Praxair CMP Products Inc., a New Hampshire Corporation, having a place of business at 47 Northwestern Drive, Salem, New Hampshire 03079 (hereinafter the "Assignor");

NOW THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged;

ASSIGNOR DOES HEREBY ASSIGN AND TRANSFER its entire right, title, and interest in the patent and patent applications identified in the attached Exhibit, including the right to sue for past infringements and all rights of priority under the International Convention unto PRAXAIR S.T. TECHNOLOGY, INC., a Delaware Corporation, having an office at 441 Sackett Point Road, North Haven, Connecticut 06473, United States of America, its successors, assigns, and nominees (hereinafter the "Assignee"), effective March 26, 2003, without any restrictions, reservations, or limitations, its entire right, title, and interest in and to the aforesaid patent applications and all patents which may be granted therefor and all divisionals, continuations, continuations-in-part, reissues, and extensions thereof.

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents resulting from said applications and any divisions, continuations, continuations in part, reissues and extensions thereof to Assignee, and covenant that Assignor has full right to do so, and agrees that Assignor will communicate to Assignee or its representatives any facts known to Assignor respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper protection for said invention in all countries.

SIGNED and SEALED at Danbury, Connecticut, U.S.A. this 25th day
of March, 2003.

ASSIGNOR:

Praxair CMP Products, INC.

By: 

Name: Mark S. Lyan

Title: Assistant Secretary