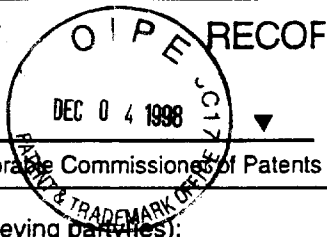
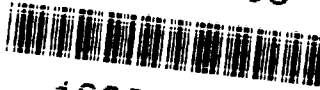


Modified



12-09-1998



100917151

LET From:

PRAXAIR TECHNOLOGY, INC.

To the Honorable Commissioner of Patents and Trademarks

and original documents or copy thereof.

1. Name of conveying party(ies):

James Smolarek
Leslie Charles Kun

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

2. Name and address of receiving party(ies)

PRAXAIR TECHNOLOGY, INC.
39 Old Ridgebury Road
Danbury, CT. 06810-5113
United States of America

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

3. Nature of conveyance: *MRD 12-4-98*

Assignment

Execution Date: November 9, 10, 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)

S.N. 09/195,412
Filed 11/19/98

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Miss Joann M. Jelsa
PRAXAIR, INC.
Law Department - M1 557
39 Old Ridgebury Road
Danbury, CT. 06810-5113

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$40.00

Authorized to be charged to deposit account

8. Deposit account number:

16-2440

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

12/06/1998 JSHADAZZ 00000090 162440 09195412

01 FC:501 40.00 CH

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.

Robert J. Follett
Name of Person Signing

Robert J. Follett
Signature

12/3/98
Date

Total number of pages including cover sheet, attachments, and document:

**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, James Smolarek and Leslie Charles Kun, both Engineers and Citizens of the United States of America, residing at 6696 Liebler Road, Boston, New York 14025 and 86 Southwind Trail, Williamsville, New York 14221, respectively.

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention for ROTARY VALVE FOR TWO BED VACUUM PRESSURE SWING ABSORPTION SYSTEM

as described and/or claimed in our application for Letters Patent in the United States of America, executed on the 11th day of NOV, 1998, (Docket No. D- 20411).

NOW, THEREFORE, in consideration of our employment by Praxair, Inc. manufacturers, a corporation organized and existing under the laws of the State of Delaware, United States of America, having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810-5113, United States of America, and in fulfillment of our pre-existing obligation of assignment to our employer,

WE DO HEREBY ASSIGN, TRANSFER AND SELL our entire right, title, and interest in and to said invention and application unto

PRAXAIR TECHNOLOGY, INC.

technology licensors, a corporation organized and existing under the laws of the State of Delaware, United States of America, its successors and nominees, having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America and being a wholly owned subsidiary of the said Praxair, Inc., as the Assignee, without any restrictions, reservations or limitations, the entire right, title and interest in and to the aforesaid application for Letters Patent and all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues and extension thereof;

INCLUDING ALL RIGHTS in and to said invention in any country of the world, including, but not limited to, all priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and for any and all member countries of the aforesaid International Convention;

AND FURTHER INCLUDING THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the sole right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made, and to enforce said patents with our right to sue in any court of competent jurisdiction and obtain all remedies available, including but not limited to injunctions and to recover lost profits or compensatory and enhanced damages and attorneys fee for any and all infringements thereof,

AND AUTHORIZE our attorney of record to insert below in this instrument the serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention resulting therefrom to said PRAXAIR TECHNOLOGY, INC. as Assignee of the entire right, title and interest, and covenant that we have the full right so to do, and agree that we will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, continuation-in-part, extensions and reissue applications, make all rightful oaths and

generally do everything possible to aid said PRAXAIR TECHNOLOGY, INC. its successors, assigns, or nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED AT Tonawanda, NY this 9 day of Nov, 19 98.

WITNESSES:

1. W. J. Obzanski

2. Julie A. Demmin

James Smolarek
JAMES SMOLAREK

State of New York)
County of Erie) ss:

This 9 day of Nov, 19 98, before me personally came

the above-named James Smolarek to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Julie A. Demmin
Notary Public

(Seal)

JULIE A. DEMMIN
Notary Public, State of New York
City of Erie County
My Commission Expires 4/5/99

SIGNED AND SEALED AT _____ this _____

day of Nov, 1978.

WITNESSES:

1. Mary Gabriel

Leslie Charles Kun
LESLIE CHARLES KUN

2. _____

State of New York)
County of Seneca) ss:

This _____ day of Nov, 1978, before me personally came the above-named Leslie Charles Kun to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Julie A. Benmin
Notary Public
JULIE A. BENMIN
Notary Public, State of New York
Qualified in Seneca County
My Commission Expires 11/22/79

(Seal)

SIGNED AND SEALED AT _____ this _____

day of _____, 19_____.

WITNESSES:

1. _____

2. _____

State of _____)
County of _____) ss:

This _____ day of _____, 19_____, before me personally came the above-named _____ to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public

(Seal)

ACCEPTANCE

WE, the undersigned, PRAXAIR TECHNOLOGY, INC. of 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America, do hereby declare that we have accepted the foregoing assignment.

Danbury, Connecticut, U.S.A. December 3, 19 98

(Seal)

PRAXAIR TECHNOLOGY, INC.

[Signature]
Witness:

By: Joann M. Jelsa
Joann M. Jelsa
Authorized Agent

Carol Pogoniewski
Witness:

The application identified above as Docket No. 20411 was filed in the United States Patent and Trademark Office on November 19, 1998 and was given Serial Number 09/195,412.

This insertion was made by me this 3rd day of December, 19 98

Robert J. Follett
Attorney For Applicant
Robert J. Follett