



07-25-2002

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/1/2005)

RECORD

P

102167988

DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings ⇨ ⇨ ⇨

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

1. Name of conveying party(ies):

Herbert Raymond Schaub,
Todd Alan Skare and Thomas John
Bergman, Jr.

07/19/02

2. Name and address of receiving party(ies)

Name: PRAXAIR TECHNOLOGY, INC.

Internal Address: _____

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

May 17 & 20, 2002

July 12, 2002

Execution Date: _____

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip: 06810

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

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)

Serial No. 10/153,663

Filed: 5/24/02

B. Patent No.(s)

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

6. Total number of applications and patents involved: 1

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

- ☐ 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.

Stanley Ktorides, Reg. No. 29,399

Name of Person Signing

Signature

Date

7-18-02

Total number of pages including cover sheet, attachments, and documents: 5

07/24/2002 TBIA21

00000235 162440

10153663

01 FC1581

40.00 CH

All documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013109 FRAME: 0220

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

We, the undersigned, Herbert Raymond Schaub, Todd Alan Skare, and Thomas John

Bergmen, Jr., all Engineers and Citizens of the U.S.A., residing respectively at 185 Sunburst Circle,

East Amherst, New York 14051, 31 Terrace Lane, Elma, New York 14059, and 9025 Clarence Center

Road, Clarence Center, New York 14032,

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
for METHOD FOR PROVIDING REFRIGERATION TO A
CRYOGENIC RECTIFICATION PLANT

as described and/or claimed in our application for Letters Patent in the United States of America,

executed on the 9th, 17th & 20th day of MAY, 2002, (Docket No. D-21213).

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 17
day of May, 2002.

WITNESSES:

1. Julie A. Demmin
2. Ann A. Chang

Herbert Raymond Schaub
Herbert Raymond Schaub

State New York)
County of Erie) ss:

This 17 day of May, 2002, before me personally came

the above-named Herbert Raymond Schaub
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.

(Seal)

Julie A. Demmin
Notary Public
JULIE A. DEMMIN
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/03

SIGNED AND SEALED AT Tonawanda, NY this 12
day of July, 2002.

WITNESSES:

1. Julie A. Demmin
2. John H. Royal

Todd Alan Skare
Todd Alan Skare

State of New York)
County of Erie) ss:

This 12 day of July, 2002, before me personally came the
above-named Todd Alan Skare
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.

(Seal)

Julie A. Demmin
Notary Public

SIGNED AND SEALED AT Tonawanda, NY this 20
day of May, 2002.

WITNESSES:

1. Julie A. Demmin
2. Ann A. Lange

Thomas John Bergman, Jr.
Thomas John Bergman, Jr.

State of New York)
County of Erie) ss:

This 20 day of May, 2002, before me personally came the

above-named Thomas John Bergman, Jr.
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.

(Seal)

Julie A. Demmin
Notary Public
JULIE A. DEMMIN
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/03

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. July 18, 2002

(Seal)

PRAXAIR TECHNOLOGY, INC.

Christina Monner
Witness:

By: Joann M. Jelsa
Joann M. Jelsa
Transfer Agent

Margaret Hardy
Witness:

The application identified above as Docket No. D-21213 was filed in the United States Patent and Trademark Office on May 24, 2002 and was given Serial Number 10/153,663.

This insertion was made by me this 18th day of July, 2002

Stanley Ktorides
Attorney For Applicants
Stanley Ktorides
Reg. No. 29399

AssignmentPT1.doc