



02-28-2003



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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102377882

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

1. Name of conveying party(ies): 2.25.03
M. Abdul-Aziz Rashad, Richard C. Fitzgerald, Dante Patrick Bonaquist, John B. Saunders, Minish Mahendra Shah

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 _____

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip: 06810

Execution Date: January 9, 16, 20, 21, 27, 2003

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. 10/357,348
Filed: 2/4/03

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 Stanley Ktorides 2-24-03
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 6

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

02/28/2003 6TON11 00000003 162440 10357348
01 FC:6021 40.00 CH

PATENT
REEL: 013786 FRAME: 0638

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

We, the undersigned, M. Abdul-Aziz Rashad, Engineer and Citizen of Great Britain, residing
at 286 Woodcrest Blvd., Kenmore, New York 14223; Richard C. Fitzgerald, Engineer and Citizen of
the United States of America, residing at 5221 East River Road, Grand Island, New York 14072;
Dante Patrick Bonaquist, Engineer and Citizen of the United States of America, residing at
1036 Ransom Road, Grand Island, New York 14072; John B. Saunders, Engineer and Citizen of the
United States of America, residing at 23 Woodcreek Lane, Grand Island, New York 14072 and
Minish Mahendra Shah, Engineer and Citizen of the United States of America, residing at
84 S. Castlerock Lane, East Amherst, New York 14051,

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention for
GAS LIQUEFACTION METHOD USING NATURAL GAS
AND MIXED GAS REFRIGERATION
as described and/or claimed in our application for Letters Patent in the United States of America,
executed on the 9, 16, 20, 21, 27 day of January 2003, (Docket No. D-21200).

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 20 day of Jan., 2003.

WITNESSES:

- 1. Julie A. Demmin M. Abdul-Aziz Rashad
M. ABDUL-AZIZ RASHAD
- 2. M. Mostafa Ahmed

State New York)
County of Erie) ss:

This 20 day of Jan., 2003, before me personally came the above-named M. Abdul-Aziz Rashad 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 16
day of Jan., 2003.

WITNESSES:

- 1. John H. Royl
- 2. Julie A. Demmin

Richard C. Fitzgerald
 RICHARD C. FITZGERALD

State of New York)
 County of Erie) ss:

This 16 day of Jan., 2003, before me personally came the

above-named Richard C. Fitzgerald
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 9
day of Jan., 2003.

WITNESSES:

- 1. John H. Royl
- 2. Julie A. Demmin

Dante Patrick Bonaquist
 DANTE PATRICK BONAQUIST

State of New York)
 County of Erie) ss:

This 9 day of Jan., 2003, before me personally came the

above-named Dante Patrick Bonaquist
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 21
day of Jan., 2003.

WITNESSES:

- 1. Julie A. Demmin
- 2. M. Moshitz, Hmel

John B. Saunders
JOHN B. SAUNDERS

State of New York)
County of Erie) ss:

This 21 day of Jan., 2003, before me personally came the
above-named John B. Saunders
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
JULIE A. DEMMIN Notary Public
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/03

SIGNED AND SEALED AT Tonawanda, NY this 27
day of Jan., 2003.

WITNESSES:

- 1. Julie A. Demmin
- 2. M. Moshitz, Hmel

Minish Mahendra Shah
MINISH MAHENDRA SHAH

State of New York)
County of Erie) ss:

This 27 day of Jan., 2003, before me personally came the
above-named Minish Mahendra Shah
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 February 21, 2003

(Seal)

PRAXAIR TECHNOLOGY, INC.

Christina M. Ammons
Witness:

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

Arnette Simmons
Witness:

The application identified above as Docket No. D-21200 was filed in the United States Patent and Trademark Office on February 4, 2003 and was given Serial Number 10/357,348.

This insertion was made by me this 21st day of February, 2003

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

AssignmentPTI.doc