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PRAXAIR TECHNOLOGY, INC.

100957521

To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.

1. Name of conveying party(ies):

Dante Patrick Bonaquist, Bayram Arman, Joseph Alfred Weber, Walter Joseph Olszewski and Mark Edward V...



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:

Assignment

Execution Date: December 18 & 21, 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)

Serial No. 09/222,807 Filed: 12/30/98

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)

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

Name of Person Signing

Stanley Ktorides

Signature

JANUARY 27, 1999

Date

6

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

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

We, the undersigned, Dante Patrick Bonaquist, Bayram Arman, Joseph Alfred Weber,
Walter Joseph Olszewski and Mark Edward Vincett, Engineers and Citizens of the United States of
America, residing at 1036 Ransom Road, Grand Island, New York 14072; 16 The Commons,
Grand Island, New York 14072; 47 Allendale Road, Cheektowaga, New York 14225;
69 Willow Lane, Amherst, New York 14228 and 37 Madison Street, Lancaster, New York 14086,
respectively,

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
for CRYOGENIC RECTIFICATION SYSTEM WITH HYBRID REFRIGERATION GENERATION

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

executed on the 18 day of Dec, 19 98, (Docket No. D-20691).
21 Dec. 98

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;

SIGNED AND SEALED AT Tonawanda, NY this 21
day of Dec., 1998.

WITNESSES:

1. Ann Acharya.

Bayram Arman
BAYRAM ARMAN

2. Julie A. Demmin

State of New York)
County of Erie) ss:

This 21 day of Dec., 1998, before me personally came the
above-named Bayram Arman 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 4/5/99

SIGNED AND SEALED AT Tonawanda, NY this 18
day of Dec., 1998.

WITNESSES:

1. W J Obegardis.

Joseph Alfred Weber
JOSEPH ALFRED WEBER

2. Julie A. Demmin

State of New York)
County of Erie) ss:

This 18 day of Dec., 1998, before me personally came the
above-named Joseph Alfred Weber 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 4/5/99

SIGNED AND SEALED AT Tonawanda Ny this 21
day of Dec, 1998.

WITNESSES:

- 1. Anne Achara
- 2. Julie A. Demmin

Walter Joseph Olszewski
WALTER JOSEPH OLSZEWSKI

State of New York)
County of Erie) ss:

This 21 day of Dec, 1998, before me personally came the
above-named Walter Joseph Olszewski 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 4/5/99

SIGNED AND SEALED AT Tonawanda Ny this 21
day of Dec, 1998.

WITNESSES:

- 1. Anne Achara
- 2. Julie A. Demmin

Mark Edward Vincett
MARK EDWARD VINCETT

State of New York)
County of Erie) ss:

This 21 day of Dec, 1998, before me personally came the
above-named Mark Edward Vincett 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 4/5/99

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. January 27, 1999

(Seal)

PRAXAIR TECHNOLOGY, INC.

[Signature]
Witness:

By: [Signature]
Joann M. Jelsa
Authorized Agent

[Signature]
Witness:

The application identified above as Docket No. D-20691 was filed in the United States Patent and Trademark Office on December 30, 1998 and was given Serial Number 09/222,807.

This insertion was made by me this 27th day of January, 1999

[Signature]
Attorney For Applicants
Stanley Ktorides