

RECORDATION FORM COVER PATENTS ONLY

04-25-2001



INC.

101685190

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) copy.

1. Name of conveying party(ies): Christopher Ender, John Fredric Billingham, Michael James Lockett, Neil Yeoman, Robert Kuratle, Kirk A. Walztoni and Daniel L. Kallenberger 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

3. Nature of conveyance:

Assignment

4.501

Execution Date: February 26, 2001 March 1, 5, 9, 14 & 21, 2001

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. 09/726,586 Filed: 12/1/00

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

Stanley Ktorides

4-4-01

Name of Person Signing

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments PATENT

Washington, D.C. 20231

REEL: 011704 FRAME: 0422

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

We, the undersigned, Christoph Ender, Engineer and a Swiss Citizen, residing at 7938 West Meadow Park Cir., Wichita, Kansas 67205; John Fredric Billingham, Engineer and a British Citizen, residing at 19 Daven Dr., Getzville, New York 14068; Michael James Lockett, Engineer and a U.S. Citizen, residing at 2133 Ferry Rd., Grand Island, New York 14072; Neil Yeoman, Engineer and a U.S. Citizen, residing at 1723 Alexis Rd., Merrick, New York 11566; Robert Kuratle, Engineer and a Swiss Citizen, residing at Weinbergstrasse 100f, CH-8408 Winterthur, Switzerland; Kirk A. Walztoni, Engineer and a U.S. Citizen, residing at 788 Sunset Dr., Eagan, Minnesota 55123 and David L. Kallenberger, Engineer and a U.S. Citizen, residing at 10138 Westport Ct., Wichita, Kansas 67212.

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention for PACKING FOR MASS TRANSFER COLUMN as described and/or claimed in our application for Letters Patent in the United States of America, executed on the 26th 1-5-9-14+21 day of Feb March, 2008, (Docket No. D-20954).

NOW, THEREFORE, in consideration of our employment by Praxair, Inc., or its contractor, 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,

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 Wichita, Kansas this 1st day of March, 2004.

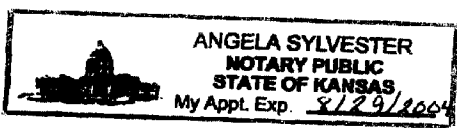
WITNESSES:

- 1. Angela Sylvester
- 2. Brian Stanley

Christoph Ender
CHRISTOPH ENDER

State Kansas)
County of Sedgewick) ss:

This 1st day of March, 2004, before me personally came the above-named Christoph Ender 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.



Angela Sylvester
Notary Public

(Seal)

SIGNED AND SEALED AT Tonawanda NY this 14
day of March, 2000.

WITNESSES:

- 1. Julie A. Demmin
- 2. Ann Atanga

John Fredric Billingham
JOHN FREDRIC BILLINGHAM

State of New York)
County of Erie) ss:

This 14 day of March, 2000, before me personally came the

above-named John Fredric Billingham
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 4/5/01

SIGNED AND SEALED AT Tonawanda, NY this 21
day of March, 2000.

WITNESSES:

- 1. Julie A. Demmin
- 2. Ann Atanga

Michael James Lockett
MICHAEL JAMES LOCKETT

State of New York)
County of Erie) ss:

This 21 day of March, 2000, before me personally came the

above-named Michael James Lockett
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 4/5/01

SIGNED AND SEALED AT Merrick, NY this 9th
day of March, ~~2000~~ ²⁰⁰¹

WITNESSES:

- 1. B. Bruce S. Hadley
- 2. Catherine Galan

Neil Yeoman
NEIL YEOMAN

State of New York)
County of Nassau) ss:

This 9th day of March, ~~2000~~ ²⁰⁰¹, before me personally came the

above-named Neil Yeoman
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.

SHARI VUOTTO
Notary Public, State of New York
No. 01VU0098482
Qualified in Nassau County
Commission Expires Jan. 24, 2002
(Seal)

Shari Vuotto
Notary Public

SIGNED AND SEALED AT WINTERTHUR this 26
day of FEBRUARY, ~~2000~~ ²⁰⁰¹.

WITNESSES:

- x. Ursula Liechti URSULA LIECHTI
- x. Annette Heller ANNETTE HELLER

Robert Kuratle
ROBERT KURATLE

State of SWITZERLAND)
County of _____) ss:

This 26 day of February, ~~2000~~ ²⁰⁰¹, before me personally came the

above-named Robert Kuratle
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.

see back of this page
Notary Public

(Seal)

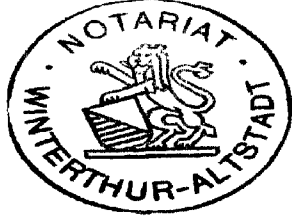
Official Certification

Seen for authentication of the reverse side signature, acknowledged in our presence by

Mr. Robert Kuratle, born 23.07.1943, citizen of Ebnat-Kappel SG, residing at
Weinbergstrasse 100 f, 8408 Winterthur,
who has identified himself by identity card.

Winterthur, 26.02.2001

B No. 314
Fee: Fr. 20.--



NOTARIAT WINTERTHUR-ALTSTADT


H. Gloor, ausserordentlicher Stellvertreter

Official Certification

Seen for authentication of the reverse side signatures, affixed in our presence by


1. Mrs. Ursula Liechti, born 26.09.1974, citizen of Wittnau AG, residing at Ringstr. 1,
8107 Buchs ZH,
who has identified herself by identity card
2. Mrs. Annette Heller Ouadi, born 02.06.1974, citizen of Weisslingen ZH, residing at
Mühlebrückestr. 2, 8400 Winterthur,
who has identified herself by identity card

Winterthur, 23.03.2001

B No. 437/38
Fee: Fr. 40.--



NOTARIAT WINTERTHUR-ALTSTADT


M. Abderhalden, certifying officer

SIGNED AND SEALED AT Rosemount, MN this 5th
day of March, 2000.

WITNESSES:

- 1. Sharon H. Gilles
- 2. Patricia A. Drabos

[Signature]
KIRK A. WALZTONI

State of Minnesota)
County of Sobota) ss:

This 5th day of March, 2000, before me personally came the
above-named Kirk A. Walztoni
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.



[Signature]
Notary Public

SIGNED AND SEALED AT Wichita, Kansas this 1st
day of March, 2001.

WITNESSES:

- 1. George McDaniel
- 2. Angela Sylvester

[Signature]
DANIEL L. KALLENBERGER

State of Kansas)
County of Sedgewick) ss:

This 1st day of March, 2001 before me personally came the
above-named Daniel L. Kallenberger
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.



[Signature]
Notary Public


ACCEPTANCE

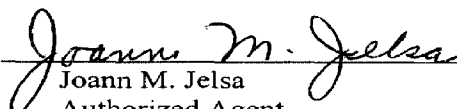
WE, the undersigned, PRAXAIR TECHNOLOGY, INC. of 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America, do hereby declare that we have accepted the foregoing assignment.

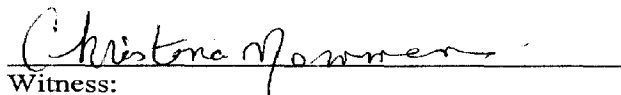
Danbury, Connecticut, U.S.A. April 4, 2001

(Seal)

PRAXAIR TECHNOLOGY, INC.

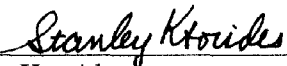

Witness.

By: 
Joann M. Jelsa
Authorized Agent


Witness:

The application identified above as Docket No. D-20954 was filed in the United States Patent and Trademark Office on December 1, 2000 and was given Serial Number 09/726,586.

This insertion was made by me this 4th day of April, 2001.


Stanley Ktorides
Reg. No. 29,399
Attorney For Applicants

20950 Assignment.doc