

11-15-2000

SHEET From:

Modified

10-18-00



101516852

PRAXAIR TECHNOLOGY, INC.

To the Honorable Commissioner of Patents and Trademarks

Attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Frank Notaro; Alan Barnard Stewart;  
Jeffert John Nowobilski; Guoming Zhong;  
Arun AcharyaAdditional 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 AmericaAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ AssignmentExecution Date: October 6, 10, 11, 2000

## 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)

B. Patent No.(s)

S/N 09/664,390; Filed 9/18/00

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. 06810-51136. Total number of applications and patents involved: 17. 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.*Robert J. Follett

Name of Person Signing

Robert J. Follett

Signature

610/13/00  
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  
Washington, D.C. 20231PATENT  
REEL: 011228 FRAME: 0284

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

We, the undersigned, Frank Notaro, an Engineer and Citizen of the United States of America  
Alan Barnard Stewart, an Engineer and Citizen of the United States of America; Jeffert John  
Nowobilski, an Engineer and Citizen of the United States of America; Guoming Zhong, an Engineer and  
Citizen of China and Arun Acharya, an Engineer and Citizen of the United States of America, residing at  
18 Harcroft Court, Amherst, New York 14226, U.S.A.; 69 Washington High Way, Snyder, New York  
14226, U.S.A.; 48 Faahs Road, Orchard Park, New York 14127, U.S.A.; 107 Deer Ridge, Getzville, New  
York 14068, U.S.A.; and 85 Twilight Lane, East Amherst, New York 14051, U.S.A., respectively.

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention  
 for LOW VOID ADSORPTION SYSTEMS AND USES THEREOF

as described and/or claimed in our application for Letters Patent in the United States of America,  
 executed on the 6th, 10th and 11th day of October, 2000, (Docket No. D-20846  
\_\_\_\_\_).

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 13  
day of Sept., 2000.

WITNESSES:

1. Julie A. Demmin

2. Ann Pichango

Frank Notaro  
FRANK NOTARO

State New York )  
County of Erie ) ss:

This 13 day of Sept, 2000, before me personally came

the above-named Frank Notaro 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  
Qualified in Erie County  
My Commission Expires 4/5/01

SIGNED AND SEALED AT Tonawanda, NY this 13

day of Sept, 2000.

WITNESSES:

1. Julie A. Demmin

2. Ann Acharys

Alan Barnard Stewart  
ALAN BARNARD STEWART

State of New York )  
County of Erie ) ss:

This 13 day of Sept, 2000, before me personally came the  
above-named Alan Barnard Stewart 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 13

day of Sept, 2000.

WITNESSES:

1. Julie A. Demmin

2. Ann Acharys

Jeffery John Nowobilski  
JEFFERY JOHN NOWOBILSKI

State of New York )  
County of Erie ) ss:

This 13 day of Sept, 2000, before me personally came the  
above-named Jeffery John Nowobilski 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 13

day of Sept, 2000.

WITNESSES:

1. Julie A. Demmin

2. John H. Royal

Guoming Zhong  
GUOMING ZHONG

State of New York )  
County of Erie ) ss:

This 13 day of Sept, 2000, before me personally came the  
above-named Guoming Zhong 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 13

day of Sept, 2000.

WITNESSES:

1. Julie A. Demmin

2. John H. Royal

Arun Acharya  
ARUN ACHARYA

State of New York )  
County of Erie ) ss:

This 13 day of Sept, 2000, before me personally came the  
above-named Arun Acharya 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

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. October 17, 2000

(Seal)

PRAXAIR TECHNOLOGY, INC.

Margaret Handy  
Witness:

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

Rose Ann Merenda  
Witness:

The application identified above as Docket No. 20846 was filed in the United States Patent and Trademark Office on September 18, 2000 and was given Serial Number 09/664,390.

This insertion was made by me this 17th day of October, 2000

Robert J. Follett  
Attorney For Applicant  
Robert J. Follett

AssignmentPTI.doc