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

1. Name of conveying party(ies):

M. Mushtaq Ahmed
Theodore Fringelin Fisher

1-04-02

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 _____

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip: 06810

November 30, 2001
Execution Date: December 4, 2001Additional 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. 10/021,352

Filed: 12/19/01

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

Stanley Ktorides

Signature

1-3-02

Date

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

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 012425 FRAME: 0914

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

We, the undersigned, M. Mushtaq Ahmed, Engineer and Citizen of the United States of America,
residing at 22 Widewaters Lane, Pittsford, New York 14534 and Theodore Fringelin Fisher, Engineer
and Citizen of the United States of America, residing at 109 Jeanmoor Road, West Amherst, New York
14228,

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
for SYSTEM FOR PROVIDING REFRIGERATION FOR CHEMICAL PROCESSING

as described and/or claimed in our application for Letters Patent in the United States of America,
executed on the 30 + 4 day of Nov + Dec, 2001, (Docket No. D-21158).

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.

State of Delaware

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 30
day of Nov., 2001.

WITNESSES:

1. Julie A. Delmin
2. Ann Achaug

M. Mushtaq Ahmed
M. MUSHTAQ AHMED

State New York)
County of Erie) ss:

This 30 day of Nov., 2001, before me personally

came the above-named M. Mushtaq Ahmed
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. Delmin
Notary Public
JULIE A. DELMIN
Notary Public, State of New York
County of Erie
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. January 3, 2002

(Seal)

PRAXAIR TECHNOLOGY, INC.

Carvette Simmons

Witness:

Christina Monner

Witness:

By:

Joann M. Jelsa

Joann M. Jelsa
Authorized Agent

The application identified above as Docket No. D-21158 was filed in the United States Patent and Trademark Office on December 19, 2001 and was given Serial Number 10/021,352.

This insertion was made by me this 3rd day of January, 2002

Stanley Ktorides

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

SIGNED AND SEALED AT Tamawanda, NY this 4

day of Dec., 2001.

WITNESSES:

1. Julia A. Dammann
2. Anna Achanza

Theodore Fringelin Fisher
THEODORE FRINGELIN FISHER

State of New York)
County of Erie) ss:

This 4 day of Dec., 2001, before me personally came the

above-named Theodore Fringelin Fisher
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)

Julia A. Dammann
Notary Public
New York State of New York
County of Erie
My Comm. Expires 4/5/03

SIGNED AND SEALED AT _____ this _____

day of _____, 2001.

WITNESSES:

1. _____
2. _____

State of _____)
County of _____) ss:

This _____ day of _____, 2001, before me personally came the

above-named _____
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)

Notary Public