

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Gervase Maxwell Christie
James Joseph Volk
Timothy James Fagan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 31, 2003
August 19, 2003

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: PRAXAIR TECHNOLOGY, INC.

Internal Address: _____

Street Address: 39 Old Ridgebury Road

City: Danbury

State: CT

Country: USA Zip: 06810-5113

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

Serial No. 10/600,605
Filed: June 23, 2003

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Joann M. Jelsa

Internal Address: Praxair, Inc.

Law Department - M1557

Street Address: 39 Old Ridgebury Road

City: Danbury

State: CT Zip: 06810-5113

Phone Number: (203) 837-2161

Fax Number: (203) 837-2545

Email Address: joann_jelsa@praxair.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 16-2440

Authorized User Name _____

9. Signature:

David M. Rosenblum
Signature

David M. Rosenblum, Reg. No. 29,341

Name of Person Signing

12/23/05
Date

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

13

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

JOINT

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

We, the undersigned, Gervase Maxwell Christie, Engineer and Citizen of the United Kingdom,
residing at 221 Summer Street, Buffalo, New York 14222; James Joseph Volk, Engineer and Citizen
of the United States of America, residing at 4384 Homestead Lane, Clarence, New York 14031 and
Timothy James Fagan, Engineer and Citizen of the United States of America, residing at
12432 S. Gallery Street, Olathe, Kansas 66063,

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
for STORAGE SYSTEM AND METHOD FOR SUPPLYING HYDROGEN
TO A POLYMER MEMBRANE FUEL CELL

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

executed on the 31 + 14 day of July - Aug., 2003, (Docket No, D-21357).

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 31
day of July, 2003.

WITNESSES:

1. Julia A. Demmin
2. Auni Achaung

Gervase Maxwell Christie
GERVASE MAXWELL CHRISTIE

State New York)
County of Erie) ss:

This 31 day of July, 2003, before me personally

came the above-named Gervase Maxwell Christie
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. Demmin
Notary Public

JULIE A. DEMMIN
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/07

SIGNED AND SEALED AT Tonawanda, NY this 31

day of July, 2003.

WITNESSES:

1. Julie A. Dammin

2. Ann Acharys

James Joseph Volk
JAMES JOSEPH VOLK

State of New York)
County of Erie) ss:

This 31 day of July, 2003, before me personally came the

above-named James Joseph Volk
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. Dammin
Notary Public
JULIE A. DAMMIN
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/07

SIGNED AND SEALED AT Olathe, KS this 19th

day of Aug, 2003.

WITNESSES:

1. Jill Snyder

2. Asbury Barnes

Timothy James Fagan
TIMOTHY JAMES FAGAN

State of Kansas)
County of Johnson) ss:

This 19th day of Aug, 2003, before me personally came the

above-named Timothy James Fagan
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)



Jill Snyder
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. September 4, 2003

(Seal)

PRAXAIR TECHNOLOGY, INC.

Helen D. Duncan
Witness:

Joanne Moratta
Witness:

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

The application identified above as Docket No. D-21357 was filed in the United States Patent and Trademark Office on June 23, 2003 and was given Serial Number 10/600,605.

This insertion was made by me this 4th day of September, 2003.

David M. Rosenblum
David M. Rosenblum
Reg. No. 29,341
Attorney For Applicants

AssignmentPTI.doc