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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):
Jonathan Andrew Lane
5-103
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: PRAXAIR TECHNOLOGY, INC.
Internal Address:
Street Address: 39 Old Ridgebury Road
City: Danbury State: CT Zip: 06810
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: April 11, 2003

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. 10/329,440
Filed: December 27, 2002
Additional numbers attached? Yes No

B. Patent No.(s)

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.
David M. Rosenblum, Reg. No. 29,341
Name of Person Signing
Signature
Date 4/30/03

Total number of pages including cover sheet, attachments, and documents: 4

05/06/2003 ECOOPER 00000062 162440 10329440
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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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

I, the undersigned, Jonathan Andrew Lane, Engineer and Citizen of the United Kingdom,
residing at 58 Berwin Drive, Snyder, New York 14226-2525

HEREBY STATE UNDER OATH that I am the original, first and true inventor of an invention for

MANUFACTURING METHOD TO IMPROVE OXYGEN ION

CONDUCTIVITY OF AN IONIC CONDUCTOR

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

executed on the 11 day of April, 2003, (Docket No. D-21288).

NOW, THEREFORE, in consideration of my 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 my pre-existing obligation of assignment to my employer,

I DO HEREBY ASSIGN, TRANSFER AND SELL my 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 mine, and the sole right to have patents granted on said applications in its name and/or mine 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 me had this assignment not been made, and to enforce said patents with my 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 my 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 I have the full right so to do, and agree that I will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to me 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 11 day of April, 2003.

WITNESSES:

- 1. Julie A. Demmin
- 2. M. Mushtaq Ahmed

Jonathan Andrew Lane
JONATHAN ANDREW LANE

State of New York)
County of Erie) ss:

This 11 day of April, 2003, before me personally came the above-named Jonathan Andrew Lane 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 4/5/07

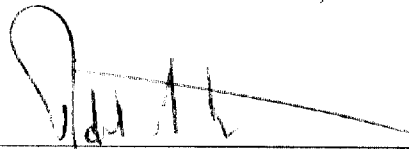
ACCEPTANCE

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 30, 2003

(Seal)

PRAXAIR TECHNOLOGY, INC.



By: _____
Robert G. Hohenstein
Authorized Agent

Janet Miller
Witness:

Christina Yonkers
Witness:

The application identified above as Docket No. D-21288 was filed in the United States Patent and Trademark Office on December 27, 2002 and was given Serial Number 10/329,440.

This insertion was made by me this 30th day of April, 2003

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