

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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

RECORDATION FORM COVER SHEET PATENTS ONLY

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)/Execution Date(s):

Hishashi Kobayashi

Execution Date(s) January 10, 2005

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

Country: USA Zip: 06810-5113

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

3. Nature of conveyance:

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

Serial No. 11/033,514

Filed 1/12/2005

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 Dept. - M1

Street Address: 39 Old Ridgebury Road

City: Danbury

State: CT Zip: 06810-5113

Phone Number: (203) 837-2161

Fax Number: (203) 8370-2545

Email Address: Joann_Jelsa@praxair.com

6. Total number of applications and patents involved:

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 Joann M. Jelsa

9. Signature:

Donald T. Black

Donald T. Black

Name of Person Signing

Date

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

5

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, VA 22313-1450

SOLE

**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS
AND RIGHTS TO APPLY FOR PATENTS**I, the undersigned, Hisashi Kobayashi

HEREBY STATE UNDER OATH that I believe that I am the original, first and true inventor of an invention for REDUCING CORROSION AND PARTICULATE EMISSION IN GLASSMELTING FURNACES as described and/or claimed in the application for Letters Patent in the United States of America, executed on the 10th day of JANUARY, 2005, (Docket No. D-21434)

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.

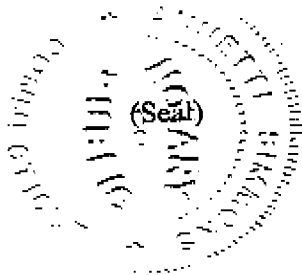
SIGNED AND SEALED AT JENBURY CT this 10th day of January, 2005.

WITNESSES:

- 1. Donald Black x Hisashi Kobayashi
- 2. Pamela K. Gardner

State Connecticut)
County of Fairfield) ss:

This 10th day of January, 2005, before me personally came the above-named HISASHI KOBAYASHI, before 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.



Annette Simmons
Notary Public

ANNETTE SIMMONS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAR. 31, 2009

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 15, 2005.

(Seal)

PRAXAIR TECHNOLOGY, INC.

Helen H. Duncan

Witness:

Marquet Hardy

Witness:

By: Joann M Jelsa
Authorized Agent
Joann Jelsa

The application identified above as Docket No. 21434 was filed in the United States Patent and Trademark Office on January 12, 2005 and was given Serial Number 11/033,514.

This insertion was made by me this 15th day of April, 2005.

Donald T. Black
Donald T. Black
Attorney For Applicants
Reg. No. 27,999

AssignmentPTI.doc