

Modified

D-21,243



PRAXAIR TECHNOLOGY, INC.

To the Honorable Commissioner of Patents

102405188

Attached original documents or copy thereof.

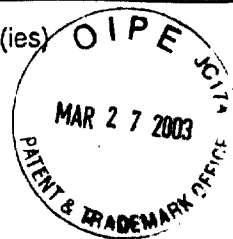
1. Name of conveying party(ies):

Hisashi Kobayashi; Lawrence E. Bool III;
William J. SnyderAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ AssignmentExecution Date: 12/23/02; 1/6/03; and
3/25/03

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

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.: 10/194,828
Filed: 7/11/02

B. Patent No.(s)

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. 06810-5113

6. Total number of applications and patents involved: 1

7. 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.

Donald T. Black

Name of Person Signing

Signature

3/26/03

Date

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

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

We, the undersigned, HISASHI KOBAYASHI, a citizen of Japan, residing at 170 Barger Street, Putnam Valley, New York 10579, U.S.A.; LAWRENCE E. BOOL, III, a citizen of the United States of America, residing at 5420 Hunters Creek Road, East Aurora, New York 14052, U.S.A., and WILLIAM J. SNYDER, a citizen of the United States of America, residing at 39 Orchard Drive, Ossining, New York 10562, U.S.A., all Engineers

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
For NOx REDUCTION IN COMBUSTION WITH CONCENTRATED COAL STREAMS AND
OXYGEN INJECTION

as described and/or claimed in our application for Letters Patent in the United States of America, filed on
July 11, 2002 as Serial No. 10/194,828 (Docket No. D-21,243).

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 Ledy, CT this 23rd day of December, 2002.

WITNESSES:

1. Donald Black

Hisashi Kobayashi
HISASHI KOBAYASHI

2. Joanne Marotta

State Connecticut

County of Fairfield) ss:

This 23rd day of December, 2002 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

(Seal)

ANNETTE SIMMONS
NOTARY PUBLIC
MY COM. EXPIRES MAR 31, 2005

SIGNED AND SEALED AT Lawrenceville NY this 6 day of

January, 2003.

WITNESSES:

1. Julie A. Demmin Lawrence E. Bool, III
LAWRENCE E. BOOL, III
2. Ann Acunzi

State of New York)
County of Erie) ss:

This 6 day of January, 2003 before me personally came the above-named Lawrence E. Bool, III, 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 4/5/03

SIGNED AND SEALED AT _____ this _____ day of _____, 2003.

WITNESSES:

1. Donald Black William J. Snyder
WILLIAM J. SNYDER
2. Joanne Marotta

State of Connecticut)
County of Fairfield) ss: Danbury

This 25th day of March, 2003 before me personally came the above-named William J. Snyder, 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)

Mark S. Lyon
Notary Public
MARK S. LYON
NOTARY PUBLIC
COMMISSION EXPIRES SEP. 30, 2005

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. March 26, 2003.

(Seal)

PRAXAIR TECHNOLOGY, INC.

Velen S. Duncan
Witness:

Joanne Marotta
Witness:

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

The application identified above as Docket No. D-21,243 was filed in the United States Patent and Trademark Office on July 11, 2002 and was given Serial Number 10/194,828. This insertion was made by me this 24th day of MARCH, 2003.

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

AssignmentPT1.doc