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1002-91-00

From:

PCT/PTO 11 DEC 2000  
PRAXAIR TECHNOLOGY, INC.

To the Honorable Commissioner of Patents

original documents or copy thereof.

1. Name of conveying party(ies): Hisashi Kobayashi;  
Arthur Francis Wellington; Xueping Li;  
Jay Jonathan Feinstein

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

3. Nature of conveyance:

☒ Assignment

November 22, 2000;

December 4 and December 6, 2000

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies)

PRAXAIR TECHNOLOGY, INC.  
39 Old Ridgebury Road  
Danbury, CT. 06810-5113  
United States of America

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

4. Application number(s) or patent number(s):

11/22/2000;

12/4/2000;

12/6/2000

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

PCT/US99/15598 - International filing  
U.S. filing on July 12, 1999

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: 

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

12/7/00

Date

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

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

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

PATENT

REEL: 011578 FRAME: 0838

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

We, the undersigned, (1) HISASHI KOBAYASHI, residing at 170 Barger Street, Putnam Valley, New York 10579, U.S.A., a citizen of Japan; (2) ARTHUR FRANCIS WELLINGTON, residing at 13 Eagle Street, Monroe, New York 10950, U.S.A., a citizen of the United States of America; (3) XUEPING LI, residing at 126 Mitchell Road, Somers, New York 10589, U.S.A., a citizen of China; and (4) JAY JONATHAN FEINSTEIN, residing at 9A Crosby Road, North Salem, New York 10560, U.S.A., a citizen of the United States of America

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention for PROCESS FOR REFINING ALUMINUM

as described and/or claimed in our international application for Letters Patent number PCT/US99/15598, filed in the United States Patent and Trademark Office on the 12th day of July, 1999, (Docket No. D-20676) and the national U.S. patent application based thereon which we executed on (1) December 6, 2000; (2) December 4, 2000; (3) December 4, 2000; and (4) November 22, 2000.

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 applications 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 applications 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 applications 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 from said national application 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 Tarrytown, NY this 6th day of December, 2000.

WITNESSES:

1. Jack Solomon  
2. Michael Palmigiano

Hisashi Kobayashi  
HISASHI KOBAYASHI

State New York )  
County of Westchester ) ss: Tarrytown

This 6th day of December, 2000, 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.

(Seal)

Doris A. Meier  
Notary Public

DORIS A. MEIER  
Notary Public, State of New York  
No. 4650233  
Qualified in Westchester County  
Commission Expires 10/31/01

SIGNED AND SEALED AT Tarrytown, NY this 4th day of December, 2000.

WITNESSES:

1. Michael H. Howard  
2. Michael H. Howard

Arthur Francis Wellington  
ARTHUR FRANCIS WELLINGTON

State of New York  
County of Westchester ss: Tarrytown

This 4th day of December, 2000, before me personally came the above-named Arthur Francis Wellington, 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)

DORIS A. MEIER  
Notary Public, State of New York  
No. 4650233  
Qualified in Westchester County  
Commission Expires 10/31/01

Doris A. Meier  
Notary Public

SIGNED AND SEALED AT Tarrytown, NY this 4th day of December, 2000.

WITNESSES:

1. Michael H. Howard  
2. Michael H. Howard

Xueping Li  
XUEPING LI

State of New York  
County of Westchester ss: Tarrytown

This 4th day of December, 2000, before me personally came the above-named Xueping Li, 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)

DORIS A. MEIER  
Notary Public, State of New York  
No. 4650233  
Qualified in Westchester County  
Commission Expires 10/31/01

Doris A. Meier  
Notary Public

SIGNED AND SEALED AT \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

1. \_\_\_\_\_
2. \_\_\_\_\_

Jay Jonathan Feinstein  
JAY JONATHAN FEINSTEIN

State of CONNECTICUT )  
County of FAIRFIELD ) ss:

This 22<sup>nd</sup> day of NOVEMBER, 2000, before me personally came the above-named Jay Jonathan Feinstein, 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.

**Claudia Hamel**  
Notary Public  
State of CT

Claudia Hamel  
Notary Public

(Seal) **My Commission Expires March 31, 2002**

SIGNED AND SEALED AT \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

1. \_\_\_\_\_
2. \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss:

This \_\_\_\_ day of \_\_\_\_\_, 2000, 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.

\_\_\_\_\_  
Notary Public

(Seal)

REC'D INFORMATION FORM COVER SHEET  
PATENTS ONLY

PRAXAIR TECHNOLOGY, INC.

Modified

09/701576

PCT/PTO 11 DEC 2000

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Jay Jonathan Feinstein

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