

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4579355

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIJAYARAGHAVAN S. CHAKRAVARTHY	08/25/2017
HANFEI TUO	08/24/2017
MAULIK R. SHELAT	08/24/2017
JAMES R. DRAY	08/28/2017
NICK J. DEGENSTEIN	08/24/2017
RECEIVING PARTY DATA	
Name:	PRAXAIR TECHNOLOGY, INC.
Street Address:	10 RIVERVIEW DRIVE
City:	DANBURY
State/Country:	CONNECTICUT
Postal Code:	06810-5113
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15695381
CORRESPONDENCE DATA	
Fax Number:	(203)837-2545
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	203-837-2292
Email:	Praxair_IP@Praxair.com
Correspondent Name:	PRAXAIR, INC. LAW DEPARTMENT
Address Line 1:	10 RIVERVIEW DRIVE
Address Line 4:	DANBURY, CONNECTICUT 06810-5113
ATTORNEY DOCKET NUMBER:	13706-US-R2
NAME OF SUBMITTER:	TONIANN FONTE
SIGNATURE:	/toniann fonte/
DATE SIGNED:	09/05/2017
Total Attachments: 6	
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PATENT

REEL: 043488 FRAME: 0708

JOINT

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

We, the undersigned,

<u>NAME</u>	<u>RESIDING AT</u>	<u>CITIZENSHIP</u>
Vijayaraghavan S. Chakravarthy	99 Kingsview Road, Williamsville, NY 14221	US
Hanfei Tuo	226 Misty Lane, East Amherst, NY 14051	China
Maulik R. Shelat	5405 Village Station Circle, Williamsville, NY 14221	India
James R. Dray	267 Hartford Ave., Buffalo, 14223-2750	US
Nick J. Degenstein	58 Sausalito Drive, East Amherst, NY 14051	US

believing that we are the original, first and true inventors of an invention for:

**SYSTEM AND METHOD FOR RECOVERY OF NON-CONDENSABLE GASES SUCH
AS NEON, HELIUM, XENON, AND KRYPTON FROM AN AIR SEPARATION UNIT**

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

filed on **September 5, 2017**, Serial No. **15/695,381**(Attorney Docket No. **13706-US-R2**)

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged and in fulfillment of our pre-existing obligations of assignment;

WE DO HEREBY ASSIGN AND TRANSFER our entire right, title, and interest in and to said invention and application unto

PRAXAIR TECHNOLOGY, INC.

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 10 Riverview Dr., Danbury, Connecticut 06810, United States of America, 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 applications claiming priority thereof including 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 we authorize insertion of the appropriate identification information above 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 Buffalo, New York
(city, state)

this 25th day of August, 2017.

Vijayaraghavan S. Chakravarthy
VIJAYARAGHAVAN S. CHAKRAVARTHY

WITNESSED:

BE IT KNOWN, that Vijayaraghavan S. Chakravarthy is known to us to be the individual described in this assignment, that on this 25 day of August, 2017, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Mike Sanders
First Witness MIKE SANDERS

2777 Walden Ave
Buffalo, NY 14225

Post Office Address

Tim Rzeznik
Second Witness TIM RZEZNIK

2777 Walden Ave.
Buffalo, NY 14225

Post Office Address

SIGNED AND SEALED AT Tonawanda NY
(city, state)

this 24th day of August, 2017.

Hanfei Tuo
HANFEI TUO

WITNESSED:

BE IT KNOWN, that Hanfei Tuo is known to us to be the individual described in this assignment, that on this 24th day of August, 2017, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Charlie
First Witness

131 Paradise LN, Apt. 13
Tonawanda, NY 14150

Post Office Address


[Signature]
Second Witness

5429 Village Station Circle
Warrensburg, NY 14221

Post Office Address

SIGNED AND SEALED AT TONAWANDA, NY
(city, state)

this 24th day of AUGUST, 2017.



MAULIK R. SHELAT

WITNESSED:

BE IT KNOWN, that Maulik R. Shelat is known to us to be the individual described in this assignment, that on this 24th day of AUGUST, 2017, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.



First Witness

131 Paradise LN, Apt. 13
Tonawanda, NY 14150

Post Office Address



Second Witness

5429, Village Station Circle
Williamsville, NY 14227

Post Office Address

SIGNED AND SEALED AT Getzville, NY
(city, state)

this 20th day of August, 2017.

James R. Dray
JAMES R. DRAY

WITNESSED:

BE IT KNOWN, that James R. Dray is known to us to be the individual described in this assignment, that on this 28 day of August, 2017, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Amy M. H. Dray
First Witness

Suzanne Dray

13 EARLDOM Way

Getzville, NY 14068
Post Office Address

Jennifer M. Dray
Second Witness


Jennifer M. Dray

8 Blue Ridge Ct.

Getzville, NY 14068
Post Office Address

SIGNED AND SEALED AT Tonawanda, NY
(city, state)

this 24 day of August, 2017.


NICK J. DEGENSTEIN

WITNESSED:

BE IT KNOWN, that Nick J. Degenstein is known to us to be the individual described in this assignment, that on this 24 day of August, 2017, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.


First Witness

PREETI CHANDRA
72 PLANTATION CT,
EAST AMHERST, NY-14051
Post Office Address


Second Witness

Richard D. Lenz
1170 Colvin Blvd
Buffalo, NY 14223
Post Office Address