

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5468918

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HENRY E. HOWARD	10/22/2015
CARL L. SCHWARZ	10/22/2015
AHMED F. ABDELWAHAB	10/22/2015
LEE J. ROSEN	10/22/2015
NICK J. DEGENSTEIN	10/22/2015
REH-LIN CHEN	10/22/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PRAXAIR TECHNOLOGY, INC.
<b>Street Address:</b>	10 RIVERVIEW DRIVE
<b>City:</b>	DANBURY
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06810-5113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16381078
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)837-2515
<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>	
<b>Phone:</b>	203-837-2776
<b>Email:</b>	Praxair_IP@Praxair.com
<b>Correspondent Name:</b>	PRAXAIR, INC. LAW DEPARTMENT
<b>Address Line 1:</b>	10 RIVERVIEW DRIVE
<b>Address Line 4:</b>	DANBURY, CONNECTICUT 06810-5113
<b>ATTORNEY DOCKET NUMBER:</b>	13336-US-CIP1-C1
<b>NAME OF SUBMITTER:</b>	TONIANN FONTE
<b>SIGNATURE:</b>	/toniann fonte/
<b>DATE SIGNED:</b>	04/11/2019
<b>Total Attachments: 7</b>	

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JOINT

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

We, the undersigned,

<u>NAME</u>	<u>RESIDING AT</u>
Henry E. Howard	2020 Stony Point Road, Grand Island, NY 14072
Carl L. Schwarz	152 Pine Street, East Aurora, NY 14052
Ahmed F. Abdelwahab	5903 Monaghan Lane, Clarence Center, NY 14032
Lee J. Rosen	176 Crescent Avenue, Buffalo, NY 14214
Nick J. Degenstein	58 Sausalito Drive, East Amherst, NY 14051
Reh-Lin Chen	371 Randwood Drive, Williamsville, NY 14221

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

**METHOD FOR COMPRESSING AN INCOMING FEED AIR STREAM IN A  
CRYOGENIC AIR SEPARATION PLANT**

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

filed on **October 15, 2015**, Serial No. **14/883,844**, Attorney Docket No. **13336-US-CIP1**.

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 39 Old Ridgebury Road, 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 Tonawanda, NY  
(city, state)

this 22 day of October, 2015.

Henry E. Howard  
HENRY E. HOWARD

State of New York )  
County of Erie ) ss:

This 22 day of October, 2015, before me personally came the above-named **Henry E. Howard** 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.

Arlene M. Sebastian  
Notary Public, State of New York  
No. 01SE6190792  
Qualified in Erie County  
My Commission Expires Aug. 4, 2014

Arlene M. Sebastian  
Notary Public

SIGNED AND SEALED AT Tonawanda, N.Y.  
(city, state)

this 22 day of October, 2015.

Carl L. Schwarz  
CARL L. SCHWARZ

State of New York )  
County of Erie ) ss:

This 22 day of October, 2015, before me personally came the above-named **Carl L. Schwarz** 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.

Arlene M. Sebastian  
Notary Public, State of New York  
No. 01SE6190792  
Qualified in Erie County  
My Commission Expires Aug. 4, 2016

Arlene M. Sebastian  
Notary Public

SIGNED AND SEALED AT Tonawanda NY  
(city, state)

this 22<sup>nd</sup> day of October, 2015.

Abdelwahab  
AHMED F. ABDELWAHAB

State of New York )  
County of Erie ) ss:

This 22 day of October, 2015, before me personally came the above-named **Ahmed F. Abdelwahab** 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.

Arlene M. Sebastian  
Notary Public, State of New York  
No. 01SE6190792  
Qualified in Erie County  
My Commission Expires Aug. 4, 2014

Arlene M. Sebastian  
Notary Public

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

this 22 day of October, 2015.

Lee J. Rosen  
LEE J. ROSEN

State of New York )  
County of Erie ) ss:

This 22 day of October, 2015, before me personally came the above-named **Lee J. Rosen** 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.

**Arlene M. Sebastian**  
Notary Public, State of New York  
No. 01SE6190792  
Qualified in Erie County  
My Commission Expires Aug. 4, 2014

Arlene M. Sebastian  
Notary Public

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

this 22 day of October, 2015.

Nick J. Degenstein  
NICK J. DEGENSTEIN

State of New York )  
County of Erie ) ss:

This 22 day of October, 2015, before me personally came the above-named **Nick J. Degenstein** 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.

Arlene M. Sebastian  
Notary Public, State of New York  
No. 01SE6190792  
Qualified in Erie County  
My Commission Expires Aug. 4, 2016

Arlene M. Sebastian  
Notary Public



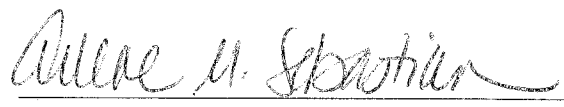
SIGNED AND SEALED AT Tonawanda, NY  
(city, state)

this 22 day of October, 2015.

  
REH-LIN CHEN

State of New York )  
County of Erie ) ss:

This 22 day of October, 2015, before me personally came the above-named **Reh-Lin Chen** 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

Arlene M. Sebastian  
Notary Public, State of New York  
No. 01SE6190792  
Qualified in Erie County  
My Commission Expires Aug. 4, 2016