

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gregory J. Panuccio	07/08/2009
Troy M. Raybold	07/08/2009
Aqil Jamal	07/22/2009
Raymond Francis Dmievich	07/16/2009

RECEIVING PARTY DATA

Name:	Praxair Technology, Inc.
Street Address:	39 Old Ridgebury Road
City:	Danbury
State/Country:	CONNECTICUT
Postal Code:	06810

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12522347

CORRESPONDENCE DATA

Fax Number: (203)837-2545
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 203-837-2253
 Email: Praxair_IP@Praxair.com
 Correspondent Name: Praxair, Inc.
 Address Line 1: 39 Old Ridgebury Road
 Address Line 4: Danbury, CONNECTICUT 06810

ATTORNEY DOCKET NUMBER:	21686-US-WO
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NAME OF SUBMITTER:	Ruth A. Schreiber
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Total Attachments: 5
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**PATENT
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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>	<u>OCCUPATION</u>	<u>CITIZENSHIP</u>
Gregory J. Panuccio	57 Crystal Springs Lane East Amherst, New York 14051	Development Associate I	US
Troy M. Raybold	8164 Boston Colden Road Colden, New York 14033	Process Engineer	US
Aqil Jamal	8006 Crescent Knolls Drive Richmond, Texas 77406	Engineer	CA
Raymond Francis Drnevich	5850 Creekview Drive Clarence Center, New York 14032	Corporate Follow	US

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

**ASU NITROGEN SWEEP GAS IN HYDROGEN SEPARATION
MEMBRANE FOR PRODUCTION OF HRSG DUCT BURNER FUEL**

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

filed on **July 7, 2009** (Serial No. **12/522,347**, Attorney Docket No. **21686-US-WO**)

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.

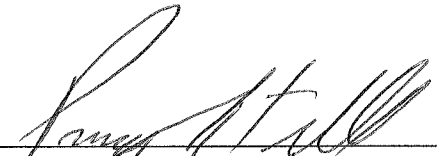
SIGNED AND SEALED AT Tonawanda this 8th day of July, 2009.



Gregory J. Panuccio

State of New York)
County of Erie) ss:

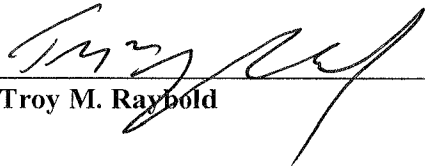
This 8th day of July, 2009, before me personally came the above-named **Gregory J. Panuccio** to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Notary Public

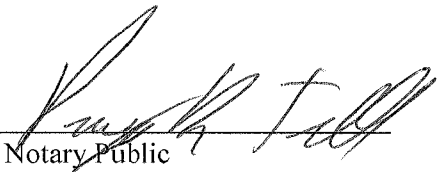
PENNY R. TURRELL
Notary Public, State of New York
Qualified in Niagara County No. 4842627
My Commission Expires March 30, 2010

SIGNED AND SEALED AT Tonawanda this 8th
day of July, 2009.


Troy M. Raybold

State of New York)
County of Eric) ss:

This 8th day of July, 2009, before me personally came the above-named **Troy M. Raybold** 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

PENNY R. TURRELL
Notary Public, State of New York
Qualified in Niagara County No. 4842627
My Commission Expires March 30, 2010

PENNY R. TURRELL
Notary Public, State of New York
Qualified in Niagara County No. 4842627
My Commission Expires March 30, 2010

SIGNED AND SEALED AT Sugar land, Tx this 22nd day of July, 2009.

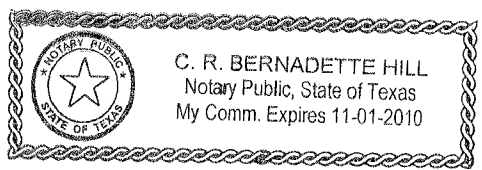
Aqil Jamal
Aqil Jamal

State of Texas)
County of FT Bend)

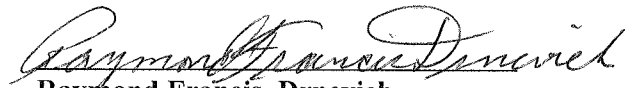
ss:

This 22nd day of July, 2009, before me personally came the above-named **Aqil Jamal** 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.

C R Bernadette Hill
Notary Public

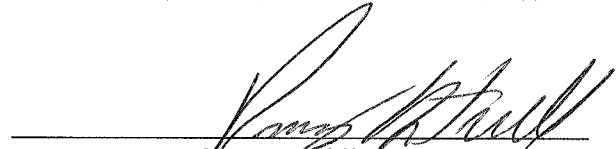


SIGNED AND SEALED AT Tonawanda this 16th
day of July, 2009.


Raymond Francis Drnevich

State of New York)
County of Erie) ss:

This 16th day of July, 2009, before me personally came the above-named **Raymond Francis Drnevich** 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

PENNY R. TURRELL
Notary Public, State of New York
Qualified in Niagara County No. 4842627
My Commission Expires March 30, 2010