

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3218230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM SCHARMACH	06/20/2014
DANIEL DALTON	02/06/2015
GREGORY J. PANUCCIO	06/20/2014
RECEIVING PARTY DATA	
Name:	PRAXAIR TECHNOLOGY, INC.
Street Address:	39 OLD RIDGEBURY ROAD
City:	DANBURY
State/Country:	CONNECTICUT
Postal Code:	06810
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	14308130
Application Number:	14308151
Application Number:	61872365
Application Number:	61872344
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	203-837-2253
Email:	Ruth_Schreiber@Praxair.com
Correspondent Name:	PRAXAIR, INC. LAW DEPARTMENT - M1-04
Address Line 1:	39 OLD RIDGEBURY ROAD
Address Line 4:	DANBURY, CONNECTICUT 06810-5113
ATTORNEY DOCKET NUMBER:	13507-US-P1/P2/1/2
NAME OF SUBMITTER:	RUTH A. SCHREIBER
SIGNATURE:	/RUTH A. SCHREIBER/
DATE SIGNED:	02/09/2015
Total Attachments: 4	

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JOINT

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

We, the undersigned,

NAME

RESIDING AT

William Scharmach

184 Sandpiper Lane, Grand Island, NY 14072

Daniel Dalton

1735 Collins, Rock Springs, CO 82901

Gregory J. Panuccio

131 S. Rockingham Way, Amherst, Ny 14228

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

**CONTROL SYSTEM AND APPARATUS FOR DELIVERY
OF A NON-AQUEOUS FRACTURING FLUID**

as described and/or claimed in our applications for Letters Patents in the United States of America,
filed on **August 30, 2013**, Serial No. **61/872,344** (Attorney Docket No. **13507-US-P1**);
filed on **August 30, 2013**, Serial No. **61/872,365** (Attorney Docket No. **13507-US-P2**);
filed on **June 18, 2014**, Serial No. **14/308,130** (Attorney Docket No. **13507-US-1**); and
filed on **June 18, 2014**, Serial No. **14/308,151** (Attorney Docket No. **13507-US-2**).

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.

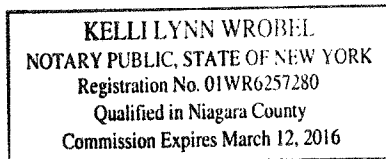
SIGNED AND SEALED AT Tongawanda, NY
(city, state)

this 20 day of June, 2014.

William Scharmach
William Scharmach

State of New York)
County of Erie) ss:

This 20 day of June, 2014, before me personally came the above-named **William Scharmach** 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.



Kelli Lynn Wrobel
Notary Public

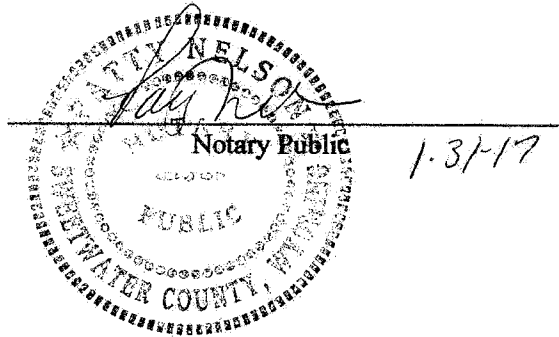
SIGNED AND SEALED AT Rock Springs, Wyoming
(city, state)

this 6th day of February, 2015
2014.

Daniel Dalton
Daniel Dalton

State of Wyoming)
County of Sweetwater) ss:

This 6 day of February, 2015, 2014, before me personally came the
above-named **Daniel Dalton** 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.



SIGNED AND SEALED AT Tonawanda New York
(city, state)

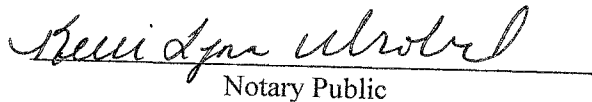
this 20 day of June, 2014.


Gregory J. Panuccio

State of New York)
County of Erie) SS:

This 20 day of June, 2014, 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.

KELLI LYNN WROBEL
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01WR6257280
Qualified in Niagara County
Commission Expires March 12, 2016


Notary Public