

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2613367

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SHRIKAR CHAKRAVARTI</td> <td>11/06/2013</td> </tr> <tr> <td>RAYMOND FRANCIS DRNEVICH</td> <td>11/06/2013</td> </tr> <tr> <td>MINISH M. SHAH</td> <td>11/05/2013</td> </tr> <tr> <td>INES C. STUCKERT</td> <td>11/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	SHRIKAR CHAKRAVARTI	11/06/2013	RAYMOND FRANCIS DRNEVICH	11/06/2013	MINISH M. SHAH	11/05/2013	INES C. STUCKERT	11/06/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>PRAXAIR TECHNOLOGY, INC.</td> </tr> <tr> <td>Street Address:</td> <td>39 OLD RIDGEBURY ROAD</td> </tr> <tr> <td>City:</td> <td>DANBURY</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06810</td> </tr> </table>		Name:	PRAXAIR TECHNOLOGY, INC.	Street Address:	39 OLD RIDGEBURY ROAD	City:	DANBURY	State/Country:	CONNECTICUT	Postal Code:	06810
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CORRESPONDENCE DATA											
Fax Number: (203)837-2545 Phone: 203-837-2292 Email: Praxair_IP@Praxair.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: PRAXAIR, INC. Address Line 1: 39 OLD RIDGEBURY ROAD Address Line 4: DANBURY, CONNECTICUT 06810											
ATTORNEY DOCKET NUMBER:	13455-US										
NAME OF SUBMITTER:	TONIANN FONTE										
Signature:	/toniann fonte/										

CH \$40.00 14078897

Date:

11/13/2013

Total Attachments: 5

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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>
Shrikar Chakravarti	12 Gina Meadows, East Amherst, NY 14051
Raymond Francis Drnevich	5850 Creekview Drive, Clarence Center, NY 14032
Minish M. Shah	84 South Castlerock Lane, East Amherst, NY 14051
Ines C. Stuckert	22 Cape Henry Lane, East Amherst, NY 14051

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

**METHOD AND SYSTEM FOR PRODUCING A SYNTHESIS GAS USING AN OXYGEN
TRANSPORT MEMBRANE BASED REFORMING SYSTEM WITH SECONDARY
REFORMING**

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

filed on **November 13, 2013** (Serial No. **14/078,897**, Attorney Docket No. **13455-US**)

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 6th day of November, 2013.

Shrikar Chakravarti
SHRIKAR CHAKRAVARTI

State of NEW YORK
County of ERIE } ss:

This 6th day of NOVEMBER, 2013, before me personally came the above-named Shrikar Chakravarti 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.

Kathleen Marie Scarpello
Notary Public

KATHLEEN MARIE SCARPELLO
NOTARY PUBLIC-STATE OF NEW YORK
No. 018C4877023
Qualified in Erie County
My Commission Expires December 27, 2014

SIGNED AND SEALED AT

TOWAWANDA, NY
(city, state)

this 6 day of November, 2013.

Raymond Francis Drnevich
RAYMOND FRANCIS DRNEVICH

State of NEW YORK

County of ERIE

ss:

This 6th day of NOVEMBER, 2013, 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.

Kathleen M. Scarpello
Notary Public

KATHLEEN MARIE SCARPELLO
NOTARY PUBLIC-STATE OF NEW YORK
No. 01804877023
Qualified in Erie County
My Commission Expires December 31, 2014

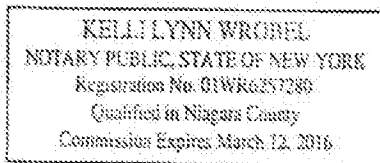
SIGNED AND SEALED AT Tonawanda, New York
(city, state)

this 5th day of November, 2013.

Minish M. Shah
MINISH M. SHAH

State of New York
County of Erie) ss:

This 5th day of November, 2013, before me personally came the above-named Minish M. Shah 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 Tonawanda NY
(city, state)

this 06 day of November, 2013.

Ines C. Stuckert
INES C. STUCKERT

State of NEW YORK)
County of ERIE) ss:

This 6th day of NOVEMBER, 2013, before me personally came the above-named Ines C. Stuckert 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.

Kathleen Marie Scarpello
Notary Public

KATHLEEN MARIE SCARPELLO
NOTARY PUBLIC-STATE OF NEW YORK
No. 01804877023
Qualified in Erie County
My Commission Expires December 27, 2014