

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MICHAEL S. MANNING</td> <td>03/28/2008</td> </tr> <tr> <td>JAMES SMOLAREK</td> <td>04/08/2008</td> </tr> <tr> <td>AHMED ABDELWAHAB</td> <td>04/15/2008</td> </tr> <tr> <td>MURALI CHINTA</td> <td>03/28/2008</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL S. MANNING	03/28/2008	JAMES SMOLAREK	04/08/2008	AHMED ABDELWAHAB	04/15/2008	MURALI CHINTA	03/28/2008
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MICHAEL S. MANNING	03/28/2008										
JAMES SMOLAREK	04/08/2008										
AHMED ABDELWAHAB	04/15/2008										
MURALI CHINTA	03/28/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Praxair Technology, Inc.										
<b>Street Address:</b>	39 Old Ridgebury Road										
<b>City:</b>	Danbury										
<b>State/Country:</b>	CONNECTICUT										
<b>Postal Code:</b>	06810										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12056887</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12056887						
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Application Number:	12056887										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(203)837-2545										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	(203) 837-2175										
<b>Email:</b>	Janie_Murphy@Praxair.com										
<b>Correspondent Name:</b>	Praxair, Inc.										
<b>Address Line 1:</b>	39 Old Ridgebury Road										
<b>Address Line 4:</b>	Danbury, CONNECTICUT 06810										
<b>ATTORNEY DOCKET NUMBER:</b>	21745										
<b>NAME OF SUBMITTER:</b>	JANIE MURPHY										

Total Attachments: 4  
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**500562257**

**PATENT  
 REEL: 021071 FRAME: 0760**

**CH \$40.00 12056887**

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**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>
Michael S. Manning	888 West Ferry Street, Buffalo, NY 14209	Engineer	US
James Smolarek	6696 Liebler Road, Boston, NY 14025	Engineer	US
Ahmed Abdelwahab	69 The Commons, Grand Island, NY 14072	Engineer	EG
Murali Chinta	5592 Field Brook Drive, East Amherst, NY 14051	Engineer	US

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

**SYSTEMS AND METHODS FOR GAS SEPARATION USING HIGH-SPEED  
PERMANENT MAGNET MOTORS WITH CENTRIFUGAL COMPRESSORS**

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

filed on March 27, 2008 (Serial No. 12/056,887, Attorney Docket No. 21745-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;

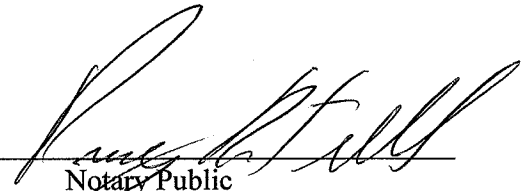
AND we authorize insertion of the appropriate identification information above and agree that we will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, 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 this 28th day of March, 2008.

  
MICHAEL S. MANNING

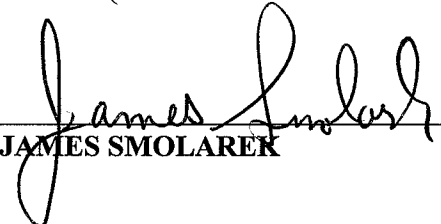
State of New York )  
County of Erie ) ss:

This 28th day of March, 2008, before me personally came the above-named **Michael S. Manning** 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

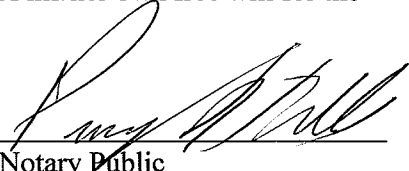
SIGNED AND SEALED AT Tonawanda this 8th  
day of April, 2008.

  
JAMES SMOLAREK

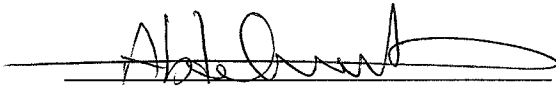
State of New York )  
County of Erie ) ss:

This 8th day of April, 2008, before me personally came the above-named **James Smolarek** 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.

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


  
Notary Public

SIGNED AND SEALED AT Tonawanda this 15th  
day of April, 2008.

  
AHMED ABDELWAHAB

State of New York )  
County of Erie ) ss:

This 15th day of April, 2008, before me personally came the above-named **Ahmed 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.

  
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 Tenawanda this 28th  
day of March, 2008.

Murali Chinta  
MURALI CHINTA

State of New York )  
County of Erie ) ss:

This 28th day of March, 2008, before me personally came the above-named **Murali Chinta** 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.

Penny R. Turrell  
Notary Public

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