

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>Air Products and Chemicals, Inc.</td> <td>10/23/2009</td> </tr> </table>	Name	Execution Date	Air Products and Chemicals, Inc.	10/23/2009							
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Air Products and Chemicals, Inc.	10/23/2009										
RECEIVING PARTY DATA											
Name:	Inogen, Inc.										
Street Address:	326 Bollay Drive										
City:	Goleta										
State/Country:	CALIFORNIA										
Postal Code:	93117										
PROPERTY NUMBERS Total: 4											
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6605136</td> </tr> <tr> <td>Patent Number:</td> <td>6824590</td> </tr> <tr> <td>Patent Number:</td> <td>7279029</td> </tr> <tr> <td>Patent Number:</td> <td>7473299</td> </tr> </tbody> </table>	Property Type	Number	Patent Number:	6605136	Patent Number:	6824590	Patent Number:	7279029	Patent Number:	7473299	
Property Type	Number										
Patent Number:	6605136										
Patent Number:	6824590										
Patent Number:	7279029										
Patent Number:	7473299										
CORRESPONDENCE DATA											
Fax Number:	(650)493-6811										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	6504939300										
Email:	alygas@wsgr.com, mbresnahan@wsgr.com										
Correspondent Name:	Wilson Sonsini Goodrich & Rosati										
Address Line 1:	650 Page Mill Road										
Address Line 4:	Palo Alto, CALIFORNIA 94304-1050										
ATTORNEY DOCKET NUMBER:	37880-501										
NAME OF SUBMITTER:	Matthew J. Bresnahan										
Total Attachments: 1											

CH \$160.00 6605136

500997980

PATENT
REEL: 023419 FRAME: 0557

ASSIGNMENT

For value received, **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, sells, assigns, and transfers to **INOGEN, INC.**, a corporation of the State of Delaware, having a place of business at 326 Bollay Drive, Goleta, CA 93117, the entire right, title, and interest in the following United States Patents (hereinafter collectively the "Assigned Patents"):

1. U.S. Patent No. 6,605,136 issued on August 12, 2003 entitled "Pressure Swing Adsorption Process Operation and Optimization",
2. U.S. Patent No. 6,824,590 issued on November 30, 2004 entitled "Use of Lithium-Containing Fau in Air Separation Processes Including Water And/Or Carbon Dioxide Removal",
3. U.S. Patent No. 7,279,029 issued on October 9, 2007 entitled "Weight-Optimized Portable Oxygen Concentrator", and
4. U.S. Patent No. 7,473,299 issued on January 6, 2009 entitled "Weight-Optimized Portable Oxygen Concentrator", or reissue or reexamination patents of the Assigned Patents issued by the United States Patent and Trademark Office, including all claims for past, present and future infringement of the Assigned Patents, including all rights to sue for and to receive and recover for Inogen, Inc.'s own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Assigned Patents. **AIR PRODUCTS AND CHEMICALS, INC.** hereby reserves to itself, its assigns and successors, all rights to any and all patents and patent applications not listed above.

AIR PRODUCTS AND CHEMICALS, INC. hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to assign the entire right, title, and interest in the Assigned Patents to **INOGEN, INC.**

AIR PRODUCTS AND CHEMICALS, INC. ^{ASK}

Mark L. Rodgers
(Signature of authorized representative)

(Typed Name)

Ass't Gen'l Counsel--IP

(Title)

23 October 2009

(Date)

COMMONWEALTH of PENNSYLVANIA }
County of Lehigh }

On this 23rd day of October, 2009, Mark L. Rodgers personally appeared before me, and stated under penalty of perjury that he/she is the Ass't Gen'l Counsel of **COMPANY**, the corporation described in the above instrument; that the seal affixed to said instrument is the corporate seal of such corporation, that such corporation is authorized to make such assignments as appears above, and that he/she executed this assignment on behalf of such corporation by authorization of its board of directors.

My Commission Expires: COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
VIRGINIA K. MELLOTT, Notary Public
City of Allentown, Lehigh County
My Commission Expires Nov. 26, 2010

Virginia K. Mellott
Notary Public

(Signature)

(Title)

ACCEPTANCE OF ASSIGNMENT

INOGEN, INC. hereby acknowledges and accepts the above assignment upon the terms and conditions set forth and referenced herein.

INOGEN, INC.

R. O. Huggenberger
(Signature of authorized representative)

RAYMOND O. HUGGENBERGER

(Typed Name)

CEO

(Title)

10/24/2009

(Date)