

PATENT ASSIGNMENT

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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>Vladimir Yliy Gershtein</td> <td>09/08/2013</td> </tr> <tr> <td>Patrick Alan Houghton</td> <td>08/27/2013</td> </tr> <tr> <td>Kenneth William Kovak</td> <td>08/29/2013</td> </tr> <tr> <td>Andrew Weaver</td> <td>08/12/2013</td> </tr> <tr> <td>Jonathan Wilson</td> <td>08/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vladimir Yliy Gershtein	09/08/2013	Patrick Alan Houghton	08/27/2013	Kenneth William Kovak	08/29/2013	Andrew Weaver	08/12/2013	Jonathan Wilson	08/09/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Air Products and Chemicals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7201 Hamilton Boulevard</td> </tr> <tr> <td>City:</td> <td>Allentown</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>18195-1501</td> </tr> </table>		Name:	Air Products and Chemicals, Inc.	Street Address:	7201 Hamilton Boulevard	City:	Allentown	State/Country:	PENNSYLVANIA	Postal Code:	18195-1501		
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CORRESPONDENCE DATA													
<p>Fax Number: 6106803312 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 610-395-4900 Email: assignments@designip.com Correspondent Name: Damon A. Neagle Address Line 1: 5100 W. Tilghman Street, Suite 205 Address Line 4: Allentown, PENNSYLVANIA 18104</p>													
ATTORNEY DOCKET NUMBER:	API-07491 USA												
NAME OF SUBMITTER:	Damon A. Neagle												
Signature:	/Damon A. Neagle/												

OP \$40.00 14007869

Date:

09/26/2013

Total Attachments: 6

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ASSIGNMENT & DECLARATION

For value received, we,

- | | |
|--|--|
| (1) VLADIMIR YLIY GERSHTEIN
whose address is
3717 SURREY DRIVE
ALLENTOWN, PA 18103 | (2) PATRICK ALAN HOUGHTON
whose address is
4621 COMMONWEALTH DRIVE
EMMAUS, PA 18049 |
| (3) KENNETH WILLIAM KOVAK
whose address is
1325 HICKORY ROAD
MACUNGIE, PA 18062 | (4) ANDREW WEAVER
whose address is
GLENAFFRIC
16 NORMANHURST ROAD
WALTON-ON-THAMES
SURREY UK KT12 3EG |
| (5) JONATHAN WILSON
whose address is
19 MERSEY ROAD
SALE
CHESHIRE M33 6HL
GREAT BRITAIN | |

hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to:

"Shielding in a Separation Column"

described in our application for Letters Patent of the United States (identified by Docket No. 07491 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS, INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

And we hereby declare that the above-identified application was made or authorized to be made by me/us. I/we believe I/we am/are the original inventor(s) or an original joint inventor of a claimed invention in the application. I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(a) Signature	<u>Vladimir Yliy Gershtein</u>	<u>Sept. 08, 2013</u>
(b) Name	VLADIMIR YLIY GERSHTEIN	Date
(a) Signature	<u>Patrick Alan Houghton</u>	<u>Aug 27, 2013</u>
(b) Name	PATRICK ALAN HOUGHTON	Date
(a) Signature	<u>Kenneth William Kovak</u>	<u>Aug 29, 2013</u>
(b) Name	KENNETH WILLIAM KOVAK	Date
(a) Signature	_____	_____
(b) Name	ANDREW WEAVER	Date
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(b) Name	JONATHAN WILSON	Date

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(b) Name	VLADIMIR YLIY GERSHTEIN	Date
(a) Signature	_____	_____
(b) Name	PATRICK ALAN HOUGHTON	Date
(a) Signature	_____	_____
(b) Name	KENNETH WILLIAM KOVAK	Date
(a) Signature		12 th August 2013
(b) Name	ANDREW WEAVER	Date
(a) Signature	_____	_____
(b) Name	JONATHAN WILSON	Date

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(b) Name	PATRICK ALAN HOUGHTON	Date
(a) Signature	_____	_____
(b) Name	KENNETH WILLIAM KOVAK	Date
(a) Signature	_____	_____
(b) Name	ANDREW WEAVER	Date
(a) Signature		9 th AUGUST 2013
(b) Name	JONATHAN WILSON	Date