

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Charles Michael Birtcher</td> <td>08/13/2013</td> </tr> <tr> <td>Thomas Andrew Steidl</td> <td>08/12/2013</td> </tr> <tr> <td>Xinjian Lei</td> <td>08/12/2013</td> </tr> <tr> <td>Sergei Vladimirovich Ivanov</td> <td>08/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Charles Michael Birtcher	08/13/2013	Thomas Andrew Steidl	08/12/2013	Xinjian Lei	08/12/2013	Sergei Vladimirovich Ivanov	08/15/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Air Products and Chemicals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7201 Hamilton Blvd.</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Dept.</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 Blvd.	Internal Address:	Patent Dept.	City:	Allentown	State/Country:	PENNSYLVANIA	Postal Code:	18195-1501
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CORRESPONDENCE DATA													
<p>Fax Number: 6104817083 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 610-481-8761 Email: patentm@airproducts.com</p> <p>Correspondent Name: Robin M. Weston Address Line 1: 7201 Hamilton Blvd. Address Line 2: Patent Dept. Address Line 4: Allentown, PENNSYLVANIA 18195-1501</p>													
ATTORNEY DOCKET NUMBER:	07624Z2P USA/CAS												
NAME OF SUBMITTER:	Rosaleen P. Morris-Oskanian												

Signature:	/Rosaleen P. Morris-Oskanian/
Date:	08/15/2013
Total Attachments: 1 source=07624Z2PUSA-assign#page1.tif	

ASSIGNMENT & DECLARATION

For value received, we, Charles Michael Birtcher, Thomas Andrew Steidl, Xinjian Lei and Sergei Vladimirovich Ivanov, 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

Vessel with Filter

described in our application for Letters Patent of the United States (identified by Docket No. 07624Z2P USA; and/or Appl. No. 13/897967; filed on 05/20/2013) 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 authorize the above-mentioned Assignee or its legal representative to insert in the instrument the application serial number of aforesaid application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office.

And we hereby declare that the above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I 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.

Charles Michael Birtcher (L.S.)
Charles Michael Birtcher

Aug. 13, 2013
Date

Thomas Andrew Steidl (L.S.)
Thomas Andrew Steidl

Aug. 12, 2013
Date

Xinjian Lei (L.S.)
Xinjian Lei

Aug. 12, 2013
Date

Sergei Vladimirovich Ivanov (L.S.)
Sergei Vladimirovich Ivanov

August 15, 2013
Date

PATENT