

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEVEN GERARD MAYORGA	10/15/2014
HEATHER REGINA BOWEN	10/17/2014
XINJIAN LEI	10/15/2014
MANCHAO XIAO	10/15/2014
HARIPIN CHANDRA	10/15/2014
ANUPAMA MALLIKARJUNAN	10/15/2014
RONALD MARTIN PEARLSTEIN	10/15/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Air Products and Chemicals, Inc.
<b>Street Address:</b>	7201 Hamilton Blvd.
<b>Internal Address:</b>	Patent Dept.
<b>City:</b>	Allentown
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	18195-1501
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14511719
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(610)481-7083
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<b>ATTORNEY DOCKET NUMBER:</b>	07599ZP3 USA
<b>NAME OF SUBMITTER:</b>	ROSALEEN P. MORRIS-OSKANIAN
<b>SIGNATURE:</b>	/Rosaleen P. Morris-Oskanian/

PATENT

<b>DATE SIGNED:</b>	10/31/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 2</b> source=07599ZP3-usa-10-31-14-assignment#page1.tif source=07599ZP3-usa-10-31-14-assignment#page2.tif	

**ASSIGNMENT & DECLARATION**

For value received, we, Steven Gerard Mayorga, Heather Regina Bowen, Xinjian Lei, Manchao Xioa, Haripin Chandra, Anupama Mallikarjunan and Ronald Martin Pearlstein, 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

**ORGANOAMINODISILANE PRECURSORS AND METHODS FOR DEPOSITING FILMS COMPRISING SAME**

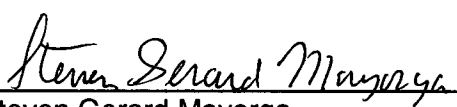
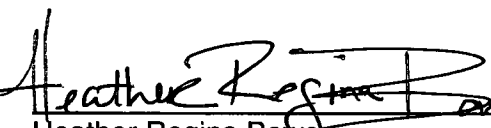
described in our application for Letters Patent of the United States (identified by Docket No. 07599ZP3 USA; and/or Appl. No. 14/511,719; filed on 10 October 2014), in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, 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 I 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.

 Steven Gerard Mayorga (L.S.) <hr/> October 15, 2014 Date	 Heather Regina Bowen (L.S.) <hr/> October 17, 2014 Date
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Xinjian Lei (L.S.)  
Xinjian Lei

Oct 15, 2014  
Date

Manchao Xiao (L.S.)  
Manchao Xiao

October 15, 2014  
Date

Haripin Chandra (L.S.)  
Haripin Chandra

Oct 15, 2014  
Date

Anupama Mallikarjunan (L.S.)  
Anupama Mallikarjunan

OCTOBER 15, 2014  
Date

Ronald Martin Pearlstein (L.S.)  
Ronald Martin Pearlstein

Oct 15, 2014  
Date