

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Patrick Timothy Hurley</td><td>10/31/2008</td></tr><tr><td>Robert Gordon Ridgeway</td><td>10/31/2008</td></tr><tr><td>Raymond Nicholas Vrtis</td><td>10/31/2008</td></tr><tr><td>Mark Leonard O'Neill</td><td>10/29/2008</td></tr><tr><td>Andrew David Johnson</td><td>10/27/2008</td></tr></tbody></table>	Name	Execution Date	Patrick Timothy Hurley	10/31/2008	Robert Gordon Ridgeway	10/31/2008	Raymond Nicholas Vrtis	10/31/2008	Mark Leonard O'Neill	10/29/2008	Andrew David Johnson	10/27/2008	
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RECEIVING PARTY DATA													
Name:	Air Products and Chemicals, Inc.												
Street Address:	7201 Hamilton Blvd.												
Internal Address:	Patent Dept.												
City:	Allentown												
State/Country:	PENNSYLVANIA												
Postal Code:	18195-1501												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12244455</td></tr></tbody></table>	Property Type	Number	Application Number:	12244455									
Property Type	Number												
Application Number:	12244455												
CORRESPONDENCE DATA													
Fax Number:	(610)481-7083												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	07159ZP2 USA												

CH \$40.00 12244455

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PATENT
REEL: 021807 FRAME: 0487

NAME OF SUBMITTER:

Joseph D. Rossi

Total Attachments: 1

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ASSIGNMENT

For value received, we, Patrick Timothy Hurley, Robert Gordon Ridgeway, Raymond Nicholas Vrtis, Mark Leonard O'Neill and Andrew David Johnson, 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

Antireflective Coatings for Photovoltaic Applications

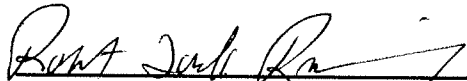
described in our application for Letters Patent of the United States (identified by Docket No. 07159ZP2 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters 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.

 (L.S.)
Patrick Timothy Hurley

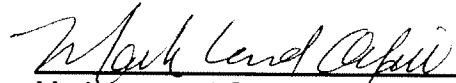
31 October 2008
Date

 (L.S.)
Robert Gordon Ridgeway


10/31/08
Date

 (L.S.)
Raymond Nicholas Vrtis

31 October 2008
Date

 (L.S.)
Mark Leonard O'Neill

October 29, 2008
Date

 (L.S.)
Andrew David Johnson

27 October 2008
Date

PATENT