

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mary Kathryn Haas</td> <td>02/23/2011</td> </tr> <tr> <td>Raymond Nicholas Vrtis</td> <td>02/23/2011</td> </tr> <tr> <td>Laura M. Matz</td> <td>02/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Mary Kathryn Haas	02/23/2011	Raymond Nicholas Vrtis	02/23/2011	Laura M. Matz	02/24/2011				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Air Products and Chemicals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7201 Hamilton Boulevard</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 Boulevard	Internal Address:	Patent Dept.	City:	Allentown	State/Country:	PENNSYLVANIA	Postal Code:	18195-1501
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CORRESPONDENCE DATA													
<p>Fax Number: (610)481-8761</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6104818761</p> <p>Email: borstra@airproducts.com</p> <p>Correspondent Name: AIR PRODUCTS AND CHEMICALS, INC. PATENT</p> <p>Address Line 1: 7201 HAMILTON BOULEVARD</p> <p>Address Line 2: Patent Dept.</p> <p>Address Line 4: ALLENTOWN, PENNSYLVANIA 181951501</p>													
ATTORNEY DOCKET NUMBER:	07402Z2P USA												
NAME OF SUBMITTER:	Geoffrey L. Chase												
Total Attachments: 1													

CH \$40.00 12969042

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PATENT
REEL: 025863 FRAME: 0202

ASSIGNMENT

For value received, we, Mary Kathryn Haas, Raymond Nicholas Vrtis and Laura M. Matz, 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

Low K Precursors Providing Superior Integration Attributes

described in our application for Letters Patent of the United States (identified by Docket No. 07402Z2P 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.

Mary Kathryn Haas (L.S.)
Mary Kathryn Haas

Feb-23-2011
Date

Raymond Nicholas Vrtis (L.S.)
Raymond Nicholas Vrtis

Feb 23, 2011
Date

Laura M. Matz (L.S.)
Laura M. Matz

Feb. 24, 2011
Date