

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>Xiaobo SHI</td> <td>06/28/2013</td> </tr> <tr> <td>Krishna MURELLA</td> <td>06/28/2013</td> </tr> <tr> <td>James Allen SCHLUETER</td> <td>06/28/2013</td> </tr> <tr> <td>Jae Ouk CHOO</td> <td>07/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xiaobo SHI	06/28/2013	Krishna MURELLA	06/28/2013	James Allen SCHLUETER	06/28/2013	Jae Ouk CHOO	07/01/2013
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Krishna MURELLA	06/28/2013										
James Allen SCHLUETER	06/28/2013										
Jae Ouk CHOO	07/01/2013										
RECEIVING PARTY DATA											
Name:	AIR PRODUCTS AND CHEMICALS, INC.										
Street Address:	7201 Hamilton Boulevard										
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>13929346</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13929346						
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Application Number:	13929346										
CORRESPONDENCE DATA											
Fax Number:	6104817083										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	610-481-8761										
Email:	patentm@airproducts.com										
Correspondent Name:	Lina Yang										
Address Line 1:	7201 Hamilton Boulevard										
Address Line 4:	Allentown, PENNSYLVANIA 18195-1501										
ATTORNEY DOCKET NUMBER:	07761 USA										
NAME OF SUBMITTER:	Lina Yang										
Signature:	/Lina Yang/										

Date:	07/03/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=07761_USA-2013-07-03-Assignment-Declaration#page1.tif source=07761_USA-2013-07-03-Assignment-Declaration#page2.tif source=07761_USA-2013-07-03-Assignment-Declaration#page3.tif source=07761_USA-2013-07-03-Assignment-Declaration#page4.tif	

ASSIGNMENT & DECLARATION

For value received, we,

(1) XIAOBO SHI
whose address is
2431 W. TOLEDO PLACE

CHANDLER, AZ 85224

(3) JAMES ALLEN SCHLUETER
whose address is
15837 S. 13TH AVENUE

PHOENIX, AZ 85045

(2) KRISHNA MURELLA
whose address is
15043 S. 47TH WAY

PHOENIX, AZ 85044

(4) JAE OUK CHOO
whose address is
1673 E. ZION WAY

CHANDLER, AZ 85249

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:

“Chemical Mechanical Polishing Slurry Compositions and Method Using the Same for Copper and Through-Silicon Via Applications”

described in our application for Letters Patent of the United States (identified by Docket No. 07761 USA and/or U.S. Application No. 13/929346) 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.


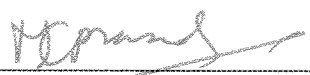

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title,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

Application No. 13/929346«ApplicationNumber»

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>6/28/2013</u>
(b) Name	XIAOBO SHI	Date
(a) Signature		<u>6/22/2013</u>
(b) Name	KRISHNA MURELLA	Date
(a) Signature		<u>6/28/2013</u>
(b) Name	JAMES ALLEN SCHLUETER	Date
(a) Signature	_____	_____
(b) Name	JAE OUK CHOO	Date

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- | | | | |
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(b) Name	XIAOBO SHI	Date
(a) Signature	_____	_____
(b) Name	KRISHNA MURELLA	Date
(a) Signature	_____	_____
(b) Name	JAMES ALLEN SCHLUETER	Date
(a) Signature		7-1-2013
(b) Name	JAE OUK CHOO	Date