

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Puneet Gupta</td> <td>02/08/2011</td> </tr> <tr> <td>Henry F. Erk</td> <td>01/17/2011</td> </tr> <tr> <td>Alexis Grabbe</td> <td>01/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Puneet Gupta	02/08/2011	Henry F. Erk	01/17/2011	Alexis Grabbe	01/26/2011
Name	Execution Date								
Puneet Gupta	02/08/2011								
Henry F. Erk	01/17/2011								
Alexis Grabbe	01/26/2011								
<b>RECEIVING PARTY DATA</b>									
Name:	MEMC Electronic Materials, Inc.								
Street Address:	501 Pearl Drive								
Internal Address:	Mail Zone 33								
City:	St. Peters								
State/Country:	MISSOURI								
Postal Code:	63376								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12978189</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12978189				
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Application Number:	12978189								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(314)612-2307								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	314-621-5070								
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ATTORNEY DOCKET NUMBER:	28744-3511 (100024.1)								
NAME OF SUBMITTER:	Richard A. Schuth								
Total Attachments: 4									

CH \$40.00 12978189

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**PATENT  
 REEL: 025822 FRAME: 0780**

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ASSIGNMENT

**WHEREAS, We** Puneet Gupta of Houston, TX, Henry F. Erk of St. Louis, MO, and Alexis Grabbe of St. Charles, MO, have invented an improvement in SYSTEMS FOR PRODUCING SILANE and have executed an application for a United States patent based thereon filed December 23, 2010, assigned Serial No. 12/978,189;

**AND, WHEREAS,** MEMC Electronic Materials, Inc. of St. Peters, Missouri, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE,** for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest

as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, this assignment has been executed by ASSIGNORS and duly authorized representatives of ASSIGNEE.

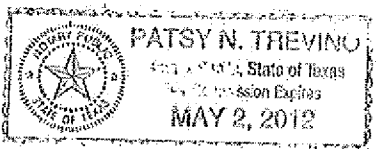
02-08-2011  
Date  
Puneet Gupta  
Puneet Gupta

STATE OF TEXAS )  
COUNTY OF HARRIS )

On this 8th day of February, 2011, before me, a Notary Public, personally appeared Puneet Gupta to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Patsy N. Trevino  
Notary Public



My Commission Expires:  
MAY 02, 2012

Jan 17, 2011  
Date

Erk  
Henry F. Erk

STATE OF Missouri  
COUNTY OF St. Charles

On this 17<sup>th</sup> day of January, 2011, before me, a Notary Public, personally appeared Henry F. Erk to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Erika Ziakeh  
Notary Public

My Commission Expires:

July 20, 2014



JAN 26, 2011

Date

Alexis Grabbe

Alexis Grabbe

STATE OF Missouri )

COUNTY OF St. Charles )

On this 26<sup>th</sup> day of January, 2011, before me, a Notary Public, personally appeared Alexis Grabbe to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Erika Ziakeh

Notary Public

My Commission Expires:

July 20, 2014

ERIKA ZIADEH  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for St. Charles County  
My Commission Expires: Jul. 20, 2014  
COMMISSION #10917341