

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>Satish Bhusarapu</td> <td>12/12/2011</td> </tr> <tr> <td>Puneet Gupta</td> <td>12/12/2011</td> </tr> <tr> <td>Yue Huang</td> <td>10/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Satish Bhusarapu	12/12/2011	Puneet Gupta	12/12/2011	Yue Huang	10/26/2011
Name	Execution Date								
Satish Bhusarapu	12/12/2011								
Puneet Gupta	12/12/2011								
Yue Huang	10/26/2011								
RECEIVING PARTY DATA									
Name:	MEMC Electronic Materials, Inc.								
Street Address:	501 Pearl Drive								
City:	St. Peters								
State/Country:	MISSOURI								
Postal Code:	63376								
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>13628282</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13628282				
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Application Number:	13628282								
CORRESPONDENCE DATA									
Fax Number:	3146122307								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Email:	USpatents@armstrongteasdale.com								
Correspondent Name:	Richard A. Schuth (MEMC)								
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ATTORNEY DOCKET NUMBER:	28744-3846 (100057.2)								
NAME OF SUBMITTER:	Richard A. Schuth								
<p>Total Attachments: 4</p> <p>source=Executed Assignment from Parent-13967557#page1.tif</p> <p>source=Executed Assignment from Parent-13967557#page2.tif</p> <p>source=Executed Assignment from Parent-13967557#page3.tif</p> <p>source=Executed Assignment from Parent-13967557#page4.tif</p>									

CH \$40.00 13628282

ASSIGNMENT

WHEREAS, I/We Satish Bhusarapu of Houston, Texas, Puneet Gupta of Houston, Texas and Yue Huang of Midlothian, Virginia, have invented an improvement in **PRODUCTION OF POLYCRYSTALLINE SILICON BY THE THERMAL DECOMPOSITION OF SILANE IN A FLUIDIZED BED REACTOR** described in a provisional application for a United States patent assigned Serial No. 61/541,642, filed September 30, 2011;

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, I/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 I/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 I/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 I/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, I/we have hereunto set our hands.

12/12/11
Date

[Signature]
Satish Bhusarapu

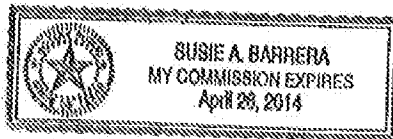
STATE OF Texas
COUNTY OF Harris }

On this 12th day of December, 2011, before me, a Notary Public, personally appeared **Satish Bhusarapu** 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.

[Signature]
Notary Public

My Commission Expires:



IN WITNESS WHEREOF, we have hereunto set our hands.

Date 12/12/2011 Puneet Gupta

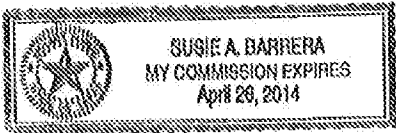
STATE OF Texas
COUNTY OF Harris }

On this 12th day of December, 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.

Susie A Barrera
Notary Public

My Commission Expires:



IN WITNESS WHEREOF, we have hereunto set our hands.

10/26/2011
Date

Yue Huang
Yue Huang

STATE OF Virginia)
CITY)
COUNTY OF Richmond)

On this 26 day of October, 2011, before me, a Notary Public, personally appeared **Yue Huang** 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.

Vichie L Lockhart
Notary Public

My Commission Expires:
My Commission Expires August 31, 2014

Reg # 286616

