

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>02/08/2011</td> </tr> <tr> <td>Arif Nawaz</td> <td>02/08/2011</td> </tr> <tr> <td>Puneet Gupta</td> <td>02/08/2011</td> </tr> <tr> <td>Karthik Balakrishnan</td> <td>02/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Satish Bhusarapu	02/08/2011	Arif Nawaz	02/08/2011	Puneet Gupta	02/08/2011	Karthik Balakrishnan	02/08/2011
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Puneet Gupta	02/08/2011										
Karthik Balakrishnan	02/08/2011										
RECEIVING PARTY DATA											
Name:	MEMC Electronic Materials, Inc.										
Street Address:	501 Pearl Drive										
Internal Address:	Mail Zone 33										
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>12981074</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12981074						
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Application Number:	12981074										
CORRESPONDENCE DATA											
Fax Number:	(314)612-2307										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	28744-3484 (100035)										
NAME OF SUBMITTER:	Richard A. Schuth										

CH \$40.00 12981074

Total Attachments: 5

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ASSIGNMENT

WHEREAS, We Satish Bhusarapu of Houston, Texas, Arif Nawaz of Cypress, Texas, Puneet Gupta of Houston, Texas, and Karthik Balakrishnan of Houston, Texas, have invented an improvement in SYSTEMS AND METHODS FOR PARTICLE SIZE DETERMINATION AND CONTROL IN A FLUIDIZED BED REACTOR FOR USE WITH THERMALLY DECOMPOSABLE SILICON-CONTAINING GAS and have executed an application for a United States patent based thereon filed December 29, 2010, assigned Serial No. 12/981,074;

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, we have hereunto set our hands.

02-08-2011
Date

[Signature]
Satish Bhusarapu

STATE OF TEXAS)
COUNTY OF HARRIS)

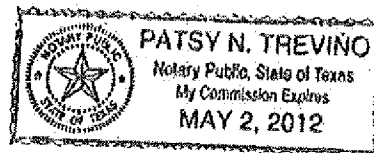
On this 8th day of February, 2011, before me, a Notary Public, personally appeared Satish Bhusarapu to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

[Signature]
Notary Public

My Commission Expires:

MAY 02, 2012



IN WITNESS WHEREOF, we have hereunto set our hands.

02/08/2011
Date

[Signature]
Arif Nawaz

STATE OF TEXAS)
COUNTY OF HARRIS)

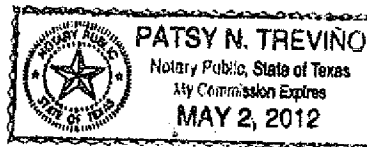
On this 8th day of February, 2011, before me, a Notary Public, personally appeared Arif Nawaz to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

[Signature]
Notary Public

My Commission Expires:

MAY 02, 2012



IN WITNESS WHEREOF, we have hereunto set our hands.

02-08-2011
Date Puneet Gupta

STATE OF TEXAS)
COUNTY OF HARRIS)

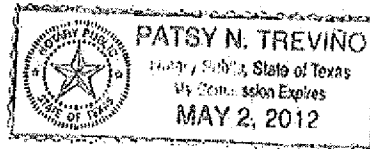
On this 8th day of February, 2011, before me, a Notary Public, personally appeared Puneet Gupta to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

Patsy N. Trevino
Notary Public

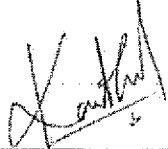
My Commission Expires:

MAY 02, 2012



IN WITNESS WHEREOF, we have hereunto set our hands.

02-08-2011
Date


Karthik Balakrishnan

STATE OF TEXAS)
COUNTY OF HARRIS)

On this 8th day of February, 2011, before me, a Notary Public, personally appeared Karthik Balakrishnan 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.


Notary Public

My Commission Expires:

MAY 02, 2012

