

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Steven L. Kimbel</td> <td>10/06/2009</td> </tr> <tr> <td>Jihong (John) Chen</td> <td>10/12/2009</td> </tr> <tr> <td>Richard G. Schrenker</td> <td>10/05/2009</td> </tr> <tr> <td>Lee W. Ferry</td> <td>10/06/2009</td> </tr> </tbody> </table>		Name	Execution Date	Steven L. Kimbel	10/06/2009	Jihong (John) Chen	10/12/2009	Richard G. Schrenker	10/05/2009	Lee W. Ferry	10/06/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MEMC Electronic Materials, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>501 Pearl Drive</td> </tr> <tr> <td>City:</td> <td>St. Peters</td> </tr> <tr> <td>State/Country:</td> <td>MISSOURI</td> </tr> <tr> <td>Postal Code:</td> <td>63376</td> </tr> </table>		Name:	MEMC Electronic Materials, Inc.	Street Address:	501 Pearl Drive	City:	St. Peters	State/Country:	MISSOURI	Postal Code:	63376
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CORRESPONDENCE DATA											
<p>Fax Number: (314)612-2307</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 314-621-5070</p> <p>Email: clager@armstrongteasdale.com</p> <p>Correspondent Name: Richard A. Schuth (MEMC) Armstrong Teasdale</p> <p>Address Line 1: One Metropolitan Square</p> <p>Address Line 2: Suite 2600</p> <p>Address Line 4: St. Louis, MISSOURI 63102-2740</p>											
ATTORNEY DOCKET NUMBER:	28744-3201 (070034.1)										
NAME OF SUBMITTER:	Michael G. Munsell										
Total Attachments: 5											

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PATENT
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ASSIGNMENT

St. Charles *A.J.H.*

WHEREAS, We Steven L. Kimbel of ~~St. Louis~~, Missouri, Jihong (John) Chen of St. Charles, Missouri, Richard G. Schrenker of Chesterfield, Missouri, and Lee W. Ferry of St. Charles, Missouri, have invented an improvement in DIRECTIONAL SOLIDIFICATION FURNACE FOR REDUCING MELT CONTAMINATION AND REDUCING WAFER CONTAMINATION described in a non-provisional application for a United States patent assigned Serial No. 12/563,124, filed September 19, 2009;

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 application 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.

10/6/09 Steven L. Kimbel
Date Steven L. Kimbel

STATE OF Missouri)
COUNTY OF St. Charles)

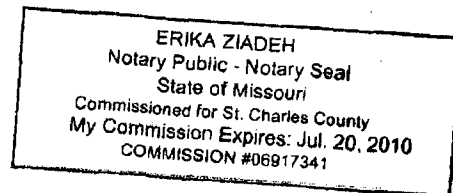
On this 6th day of October, 2009, before me, a Notary Public, personally appeared Steven L. Kimbel to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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, 2010



IN WITNESS WHEREOF, we have hereunto set our hands.

10/12/2009 Jihong Chen
Date Jihong (John) Chen

STATE OF Missouri
COUNTY OF St. Charles

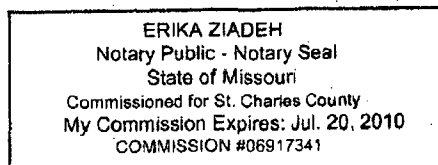
On this 12th day of October, 2009, before me, a Notary Public, personally appeared Jihong (John) Chen to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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, 2010



28744-3201
(070034.1)

IN WITNESS WHEREOF, we have hereunto set our hands.

5 Oct 2009
Date

Richard G. Schrenker
Richard G. Schrenker

STATE OF Missouri)
COUNTY OF St. Charles)

On this 5th day of October, 2009, before me, a Notary Public, personally appeared Richard G. Schrenker 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, 2010

ERIKA ZIADEH
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Charles County
My Commission Expires: Jul. 20, 2010
COMMISSION #06917341

IN WITNESS WHEREOF, we have hereunto set our hands.

10/06/09 Lee W. Ferry
Date Lee W. Ferry

STATE OF Missouri)
COUNTY OF St. Charles)

On this 10th day of October, 2009, before me, a Notary Public, personally appeared Lee W. Ferry 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, 2010

ERIKA ZIADEH
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Charles County
My Commission Expires: Jul. 20, 2010
COMMISSION #06917341