

## 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>Gregory A. Young</td> <td>11/29/2011</td> </tr> <tr> <td>Jeffrey L. Libbert</td> <td>11/29/2011</td> </tr> </tbody> </table>	Name	Execution Date	Gregory A. Young	11/29/2011	Jeffrey L. Libbert	11/29/2011	
Name	Execution Date						
Gregory A. Young	11/29/2011						
Jeffrey L. Libbert	11/29/2011						
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							
Property Type	Number						
Application Number:	13663038						
CORRESPONDENCE DATA							
Fax Number:	3146212307						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	314-621-5070						
Email:	USpatents@armstrongteasdale.com, clager@armstrongteasdale.com						
Correspondent Name:	Richard A. Schuth (MEMC) Armstrong Teasd						
Address Line 1:	7700 Forsyth Boulevard						
Address Line 2:	Suite 1800						
Address Line 4:	St. Louis, MISSOURI 63105						
ATTORNEY DOCKET NUMBER:	28744-3939 (110019.1)						
NAME OF SUBMITTER:	Michael G. Munsell						
Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif							

CH \$40.00 13663038

ASSIGNMENT

**WHEREAS, I/We** Gregory A. Young of O'Fallon, Missouri and Jeffrey L. Libbert of O'Fallon, Missouri, have invented an improvement in **CLAMPING APPARATUS FOR CLEAVING A BONDED WAFER STRUCTURE AND METHODS FOR CLEAVING** described in a provisional application for a United States patent assigned Serial No. 61/553,447, filed October 31, 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.

11/29/11  
Date

Gregory A. Young  
Gregory A. Young

STATE OF Missouri  
COUNTY OF St. Charles

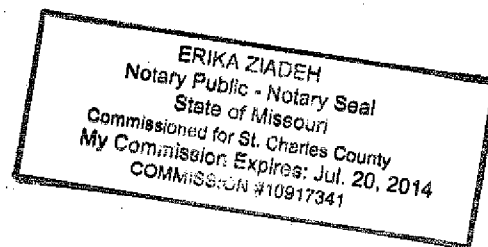
On this 29 day of November, 2011, before me, a Notary Public, personally appeared Gregory A. Young to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

Erika Ziadeh  
Notary Public

My Commission Expires:

July 20, 2014



IN WITNESS WHEREOF, we have hereunto set our hands.

Date 11/29/2011 Jeffrey L. Lobert  
Jeffrey L. Lobert

STATE OF Missouri  
COUNTY OF St. Charles

On this 29<sup>th</sup> day of November, 2011, before me, a Notary Public, personally appeared Jeffrey L. Lobert 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 Ziaeh  
Notary Public

My Commission Expires:

July 20, 2014

