PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dale A. Witte	01/14/2011
Jeffrey L. Libbert	01/14/2011

RECEIVING PARTY DATA

Name:	MEMC Electronic Materials, Inc.	
Street Address:	501 Pearl Drive	
City:	St. Peters	
State/Country:	MISSOURI	
Postal Code:	63376-5000	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12974772

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 28744-3298 (090011.1)

NAME OF SUBMITTER: Richard A. Schuth

Total Attachments: 3

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PATENT REEL: 025698 FRAME: 0145

<u>ASSIGNMENT</u>

WHEREAS, We Dale A. Witte of Wentzville, Missouri and Jeffrey L. Libbert of O'Fallon, Missouri, have invented an improvement in METHOD FOR THE PREPARATION OF A MULTI-LAYERED CRYSTALLINE STRUCTURE described in a provisional application for a United States patent assigned Serial No. 12/974,772, filed December 21, 2010;

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,

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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.

2011, before me, a Notary Public, personally appeared Dale/A. Witte to the 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 vear last above written.

My Commission Expires:

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

COMMISSION #10917341

IN WITNESS WHEREOF, we have hereunto set our hands.

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

Notary Public

My Commission Expires:

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