# 503209229 03/09/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3255844

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	ΟΑΤΑ					
			Name		Execution Date	
PUNEET GUPTA					05/16/2013	
HENRY F. ERK					02/28/2013	
ALEXIS GRABBE					02/28/2013	
RECEIVING PARTY D	ΑΤΑ					
Name:	MEMC ELECTRONIC MATERIALS, INC.					
Street Address:	501 PE	ARLI	DRIVE			
City:	ST. PE	TERS	Э,			
State/Country:	MISSC	MISSOURI				
Postal Code:	63376					
PROPERTY NUMBERS Total: 1 Property Type			Number			
Application Number:		13715642				
	be sent to f provideo : :	b the d d; if th 314-6 USpa RICH ARMS 7700 ST. L	612-2307 e-mail address first; if that is un pat is unsuccessful, it will be set 521-5070 Itents@armstrongteasdale.com ARD A. SCHUTH (MEMC) STRONG TEASDALE LLP FORSYTH BOULEVARD, SUITE OUIS, MISSOURI 63105 33837-276 RICHARD A. SCHUTH /Richard A. Schuth/ 03/09/2015	nt via US		
			03/09/2015			
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PATENT REEL: 035111 FRAME: 0516

#### ASSIGNMENT

WHEREAS, We Puneet Gupta of Singapore, Henry F. Erk of St. Louis, Missouri, and Alexis Grabbe of St. Charles, Missouri, have invented an improvement in SYSTEMS FOR **PRODUCING SILANE** and have executed an application for a United States patent based thereon filed December 14, 2012, assigned Serial No. 13/715,642;

**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;

Page 1 of 4

## PATENT REEL: 035111 FRAME: 0517

**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**, I have hereunto set my hand.

16 H May 2013

Puneet Gunta

Witness

Witness

**IN WITNESSWHEREOF**, I have hereunto set my hand.

F26 28, 2013 Date

Henry F. Erk

STATE OF COUNTY OF

On this 28 day of February 2, 20/3, before me, a Notary Public, personally appeared Henry F. Erk 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.

Yadeh\_ Notary Public

My Commission Expires:

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

Page 3 of 4

## PATENT REEL: 035111 FRAME: 0519

IN WITNESS WHEREOF, I have hereunto set my hand.

del<u>-28</u> Date

Alexis Grabbe

STATE OF COUNTY OF

On this 3 day of 7 day of 7

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 SL Charles County My Commission Expires; Jul. 20, 2014 COMMISSION #10917341

Page 4 of 4

PATENT REEL: 035111 FRAME: 0520

**RECORDED: 03/09/2015**