

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3662348

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERTO SCALA	11/23/2015
LUIGI BONANNO	11/27/2015
STEPHAN HARINGER	11/27/2015
ARMANDO GIANNATTASIO	11/27/2015
VALENTINO MOSER	11/27/2015
JESSE SAMSONOV APPEL	11/05/2015
MARTIN JEFFREY BINNS	11/30/2015
RECEIVING PARTY DATA	
Name:	MEMC ELECTRONIC MATERIALS S.P.A.
Street Address:	VIALE GHERZI, 31
City:	NOVARA
State/Country:	ITALY
Postal Code:	28100
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14758471
CORRESPONDENCE DATA	
Fax Number:	(314)612-2307
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	3146215070
Email:	uspatents@armstrongteasdale.com, clager@armstrongteasdale.com
Correspondent Name:	RICHARD A. SCHUTH
Address Line 1:	ARMSTRONG TEASDALE LLP
Address Line 2:	7700 FORSYTH BLVD, STE 1800
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	29981-311 (130048.5)
NAME OF SUBMITTER:	MICHAEL G. MUNSELL
SIGNATURE:	/Michael G. Munsell/
DATE SIGNED:	12/17/2015

PATENT

Total Attachments: 8

source=130048.5 - Executed Assignment-21919017#page1.tif

source=130048.5 - Executed Assignment-21919017#page2.tif

source=130048.5 - Executed Assignment-21919017#page3.tif

source=130048.5 - Executed Assignment-21919017#page4.tif

source=130048.5 - Executed Assignment-21919017#page5.tif

source=130048.5 - Executed Assignment-21919017#page6.tif

source=130048.5 - Executed Assignment-21919017#page7.tif

source=130048.5 - Executed Assignment-21919017#page8.tif

ASSIGNMENT

WHEREAS, We Roberto Scala of Novara, Italy, Luigi Bonanno of Novara, Italy, Stephan Haringer of Novara, Italy, Armando Giannatasio of Novara, Italy, Valentino Moser of Novara, Italy, Jesse Samsonov Appel of O'Fallon, Missouri, and Martin Jeffrey Binns of Gresham, Oregon, have invented an improvement in **FABRICATION OF INDIUM-DOPED SILICON BY THE CZOCHRALSKI METHOD** described in a non-provisional application for a United States patent assigned Serial No. **14/758,471**, filed **June 29, 2015**;

AND, WHEREAS, MEMC Electronic Materials S.p.A. of Viale Gherzi 31, 28100 Novara, Italy, an Italian corporation, (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, I have hereunto set my hand.

23/11/2015
Date

Roberto Scala
Roberto Scala

Marco Zorini
Witness

[Signature]
Witness

IN WITNESS WHEREOF, I have hereunto set my hand.

27/11/2015
Date

Luigi Bonanno
Luigi Bonanno

Mark Dibel
Witness

Gianni Dell'Amico
Witness

IN WITNESS WHEREOF, I have hereunto set my hand.

27. 11. 2015
Date

Stephan Haringer
Stephan Haringer

John Ullmann
Witness

Marco Zandini
Witness

IN WITNESS WHEREOF, I have hereunto set my hand.

27/11/2015
Date

Armando Giannattasio
Armando Giannattasio

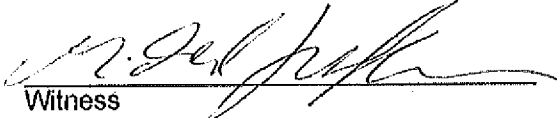
John W. Lane
Witness

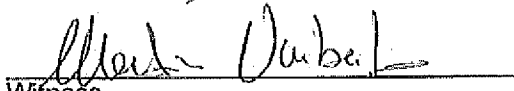
Marco Zecchi
Witness

IN WITNESS WHEREOF, I have hereunto set my hand.

28.11.2015
Date


Valentino Moser


Witness


Witness

IN WITNESS WHEREOF, I have hereunto set my hand.

11/5/2015
Date

Jesse Samsonov Appel
Jesse Samsonov Appel

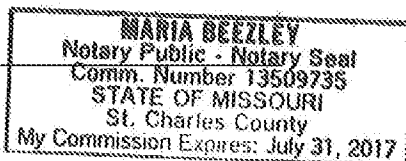
STATE OF Missouri
COUNTY OF St. Charles

On this 5 day of November, 2015, before me, a Notary Public, personally appeared Jesse Samsonov Appel 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.

Maria Beezley
Notary Public

My Commission Expires: _____



IN WITNESS WHEREOF, I have hereunto set my hand.

11/30/2015
Date

M. J. Binns
Martin Jeffrey Binns

STATE OF Oregon)
COUNTY OF Multnomah)

On this 30 day of November, 2015, before me, a Notary Public, personally appeared Martin Jeffrey Binns 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.

Nh Tran
Notary Public

My Commission Expires: 4/5/2019

