02-25-2004 Form **PTO-1595** J. S. DEPARTMENT OF COMMERCE REC( U.S. Patent and Trademark Office (Rev. 10/021) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇒ ⇒ ⇒ ▼ 102677434 MEMC 3035.1 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies) 2.23-04 Milind Kulkarni Name: MEMC Electronic Materials, Inc. Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Street Address: 501 Pearl Drive, P.O. Box 8 Security Agreement Change of Name Other City: St. Peters State: MO Additional name(s) & address(es) attached? Yes X No Execution Date: January 16, 2004 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/705,813 B. Patent No.(s) Additional number(s) attached Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents implied: concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.065 Name: Michael G. Munsell, Reg. No. 43,820 X Enclosed Internal Address: Authorized to be charged to deposit account Senniger, Powers, Leavitt & Roedel 8. Deposit account number: Street Address: 19-1345 One Metropolitan Square, 16th Floor City: St. Louis State: MO Zip: 63102 (Attach duplicate copy of this page if paying by deposit account)

> Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:
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9. Signature.

Michael G. Munsell

Name of Person Signing

Mull February 18, 2004

## **ASSIGNMENT**

WHEREAS, I, Milind Kulkarni of St. Louis, Missouri have invented an improvement in A CRYSTAL PULLER AND METHOD FOR GROWING A MONOCRYSTALLINE INGOT (file MEMC 02-0201 (3035.1)) and have executed an application for a United States patent based thereon assigned Serial No. 10/705,813, filed November 10, 2003;

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 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 me had no sale and assignment of said interest been made;

AND I 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;

Page 1 of 2

AND I hereby agree for myself and for my 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 hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I 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 my right, title, and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set my hand.

Jan 16, 2004	or Luckeni.
Date	Milind Kulkarni
	ACKNOWLEDGEMENT
STATE OF Missouki COUNTY OF St. Charles	_ )
COUNTY OF St. Charles	_ )
personally appeared willing Kulk	January , 2004, before me, a Notary Public, arni to me known to be the person described in and who lent and acknowledged that he executed same as his free
IN TESTIMONY WHERE year last above written.	OF, I have hereunto set my hand and seal the date and
	Notary Public
My Commission Expires:	
7/1/04	"NOTARY SEAL" Ann M. Roos, Notary Public St. Charles County, State of Missouri My Commission Expires 7/1/2004
	Page 2 of 2

RECORDED: 02/23/2004

PATENT REEL: 014999 FRAME: 0251