| 12-23  | -1999   |   |
|--|---|---|
| MRD 12.13.99 10123   |   | R SHEET   |
| 10123  |   | the attached original document(s) or copy thereof |
|  |   |   |
| 1. Name of conveying party(ies) (assignor(s)):   |   |   |
| Robert J. FALSTER, Martin Jeffrey BINNS, Alan WANG   |   |   |
| Additional name(s) of conveying party(ies) attached?  yes  | no  |   |
| 2. Name and Address of Party(ies) receiving an interest (assignee(s))  |   |   |
| Name: MEMC Electronic Materials, Inc.  |   |   |
| Address: 501 Pearl Drive P. O. Box 8   |   | A   |
|  |   |   |
| City: St. Peters State: Missouri Zip: 63376  |   |   |
| Country: U.S.A.  |   |   |
| Additional name(s) & address(es) attached?   |   |   |
| 3. Nature of Conveyance:   |   |   |
| ☑ Assignment ☐ Merger  | ☐ Change of Na  | me  |
| ☐ Verified Translation ☐ Security Agreement  | Other   |   |
| 5 N 1 - 1000 November 15 1000  |   |   |
| Execution Date: November 11, 1999, November 15, 1999   |   |   |
| Application number(s) or patent number(s):   |   |   |
|  | a avacution data(s) of th   | application is:                                   |
| If this document is being filed together with a new application, the   |   |   |
| A. Patent Application No(s).   | B. Patent No(s)   | <u>.</u>  |
| 09/387,288   |   |   |
| Others on additional sheet(s) attached?  Yes  No   |   |   |
| Name and address of party to whom correspondence   | 6. Total number   | of applications and patents involved:             |
| concerning document should be mailed:  | Application(s)  | 1 + Patent(s): = Total 1                          |
| Edward J. Hejlek   | 7. Total Fee (37  | CFR 3.41)   |
| Senniger, Powers, Leavitt & Roedel   | ☑ Enclosed  |   |
| One Metropolitan Square  | ☐ Authorize   | d to be charged to deposit account                |
| 16th Floor<br>St. Louis, Missouri 63102  | 8. Deposit Account Number: 19-1345  |   |
| (314) 231-5400 (telephone) (Duplicate copy of this sheet attached)   |   |   |
|  | Charge any underpayment or credit any overpayment to<br>above Deposit Account |   |
| DO NOT USE THIS SPACE  |   |   |
| 9. Statement and signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. |   |   |
| To the best of thy knowledge and benef, the foregoing information is the and correct and any attached copy is a frae-copy of the original document.                              |   |   |
| Edward J. Hejlek   |   |   |

Signature

Total number of pages including cover sheet, attachments, and document:

Name of Person Signing

12/12/1999 TTON11

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40.00 DP

Date

PATENT REEL: 010449 FRAME: 0850

## **ASSIGNMENT**

WHEREAS, We Robert J. Falster of London, England Martin Jeffrey Binns of St. Charles, Missouri and Alan Wang of O'Fallon, Missouri, have invented an improvement in THERMALLY ANNEALED, LOW DEFECT DENSITY SINGLE CRYSTAL SILICON (File MEMC 98-1450(2554)) and have executed an application for a United States patent based thereon Serial No. 09/416,998, filed October 13, 1999;

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 application 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;

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PATENT REEL: 010449 FRAME: 0851

**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, we have hereunto set our hands.

Ster Date

Date

15 Nov 99

Whickeyer 15 Nov 99

Witness:

IN WITNESS WHEREOF, we have hereunto set our hands.

Martin Jeffrey Binns

## <u>ACKNOWLEDGMENT</u>

STATE OF Missour )
COUNTY OF ST. (HARLES)

On this 15th day of November, 1999, 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

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

Notary Public ANN M. ROOS

My Connission of the ires: Notary Public - Notary Seal STATE OF MISSOURI St. Charles County

My Commission Expires: July 1, 2000

IN WITNESS WHEREOF, we have hereunto set our hands.

Alan Wang

## <u>ACKNOWLEDGMENT</u>

STATE OF Missouki )
COUNTY OF St. (harbs )

On this 11th day of 1999, before me, a Notary Public, personally appeared Alan Wang 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 and the date and year last above written.

Notary Public

My Commission Expires:

ANN M. ROOS
Notary Public - Notary Seal
STATE OF MISSOURI

St. Charles County

My Commission Expires: July 1, 2000

**RECORDED: 12/13/1999** 

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PATENT REEL: 010449 FRAME: 0854