To the Honorable Commissioner of Patents.

1. Name of conveying party(ies) (assignor(s)):
   Robert H. FUERHOFF, Steven L. KIMBEL

2. Name and Address of Party(ies) receiving an interest (assignee(ies)):
   Name: MEMC Electronic Materials, Inc.
   Address: 501 Pearl Drive
   P.O. Box 8
   City: St. Peters
   State: Missouri
   Zip: 63376
   Country: U.S.A.

3. Nature of Conveyance:
   ☑ Assignment
   ☐ Merger
   ☐ Change of Name
   ☐ Verified Translation
   ☐ Security Agreement
   ☐ Other

   Execution Date: February 7, 2000

4. Application number(s) or patent number(s):
   If this document is being filed together with a new application, the execution date(s) of the application is: February 7, 2000

A. Patent Application No(s):

B. Patent No(s):

   09/802340

5. Name and address of person to whom correspondence concerning this document should be mailed:
   Robert M. Bain
   Semmer, Powers, Leavitt & Roedel
   One Metropolitan Square
   16th Floor
   St. Louis, Missouri 63102
   (314) 231-5400 (telephone)

Others on additional sheet(s) attached? ☐ Yes ☑ No

6. Total number of applications and patents involved:
   Application(s) __________ + Patent(s): _______ = Total _________

7. Total Fee (37 CFR 3.41) ........................................ $ __________
   © Enclosed
   ☐ Authorized to be charged to deposit account

8. Deposit Account Number: 19-1345
   (Duplicate copy of this sheet attached)
   ☑ Charge any underpayment or credit any overpayment to above Deposit Account

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.

   Robert M. Bain
   Name of Person Signing

   Signature
   February 10, 2000
   Date

   Total number of pages including cover sheet, attachments, and document: 4
ASSIGNMENT

WHEREAS, We Robert H. Fuerhoff of St. Charles, Missouri and Steven L. Kimbel of St. Charles, Missouri, have invented an improvement in METHOD AND APPARATUS FOR CONTROLLING DIAMETER OF A SILICON CRYSTAL IN A LOCKED SEED LIFT GROWTH PROCESS (File MEMC 99-0900 (2632)) and have executed an application for a United States patent based thereon simultaneously herewith;

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;
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.

[Signatures]

Robert H. Fuerhoff

Steven L. Kimbel
ACKNOWLEDGMENT

STATE OF Missouri)
COUNTY OF St. Charles)

On this 7th day of February, 2000, before me, a Notary Public, personally appeared Robert H. Fuerhoff 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.

[Signature]
Notary Public

STATE OF Missouri)
COUNTY OF St. Charles)

On this 7th day of February, 2000, before me, a Notary Public, personally appeared Steven L. Kimbel 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.

[Signature]
Notary Public

My Commission Expires:

[Signature]
Notary Public - Notary Seal
STATE OF MISSOURI
St. Charles County
My Commission Expires: July 1, 2000

RECORDED: 02/10/2000
PATENT
REEL: 010585 FRAME: 0460