

07-21-1998

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)



100769662

SHEET U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office  
Atty Dkt No. 97 P 7833 US

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

MRD 7-13-97

1. Name of conveying party(ies):  
Mathias Ilg  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Siemens Microelectronics, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 10950 North Tantau Avenue  
City: Cupertino State: CA ZIP: 95014  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: March 4, 1998

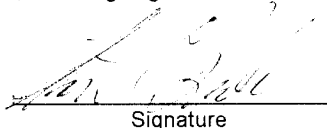
4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No. (s)  
08/942,273  
Additional numbers attached?  Yes  No

B. Patent No. (s)  
\_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Elsa Keller  
Internal Address: \_\_\_\_\_  
Siemens Corporation  
Intellectual Property Department  
Street Address: 186 Wood Avenue South  
City: Iselin State: NJ ZIP: 08830

6. Total number of applications and patents involved: 1  
7. Total Fee (37 CFR 3.41) ..... \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit Account No.  
19-2179

07/20/1998 DCOATES 00000176 192179 08942273 DO NOT USE THIS SPACE  
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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.  
Stanton C. Braden  7/19/98  
Name of Person Signing Signature Date  
Reg. No. 32,556  
Total number of pages including cover sheet, attachments, and document: 3

**ASSIGNMENT**

For good and valuable consideration, We, Markus M. KIRCHHOFF, residing at a citizen of Germany and Matthias Ilg, residing at 4 North Mulberry St., Richmond, VA 23220, a citizen of Germany.

Hereby sell, assign, and transfer to Siemens Microelectronics, Inc., a corporation organized and existing under the laws of the state of Delaware, having its principal place of business at 10950 North Tantau Ave., Cupertino, CA 95014,

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

Ser. No.: 08/942,273

Filed: September 30, 1997

and entitled: IMPROVED GAPFILL OF SEMICONDUCTOR STRUCTURE USING DOPED SILICATE GLASSES

and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: \_\_\_\_\_

\_\_\_\_\_  
Markus M. KIRCHHOFF

Witness: \_\_\_\_\_  
(type name)

Witness: \_\_\_\_\_  
(type name)

Date: 03/04/98

Matthias Ilg  
Matthias Ilg

Witness: Stefan Nowak  
(type name)

S. Nowak

Witness: Shannon Neal  
(type name)

Shannon Neal