

FILED 3/30/98

Consecutive

12-04-1998



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

SHEET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Atty Dkt No. 97 P 7615 US

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

1. Name of conveying party(ies):

Klaus Dieter PENNER

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 17, 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)
08/937,572
B. Patent No.(s)

Additional numbers attached? Yes No

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

DO NOT USE THIS SPACE

Charge Fee

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 _____
Name of Person Signing Signature Date
Reg. No. 32,556
March 27, 1998

Total number of pages including cover sheet, attachments, and document: 3

04-14-1998

FORM PTO-159E



(Rev. 6-93)

OMB No. 0651-0011

100685712

APPLICATION FORM COVER SHEET - ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office
Atty Dkt. No. 97 P 7615 US

MAR 30 1998

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

1. Name of conveying party(ies): MED
3-3098
K. Paul MULLER
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: International Business Machines Corporation
Internal Address: _____

Street Address: _____

City: Armonk State: NY ZIP: 10504
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: March 2, 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) 08/937,572
B. Patent No.(s) _____
Additional numbers attached? Yes No

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Name: Elsa Keller
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Stanton C. Braden, Reg. #32,556 March 27, 1998
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 2

PATENT

REEL: 9407 FRAME: 0868

04/14/1998 11:01:11 00000282 192179 40.00 CH 01 FC 261 08/37572

ASSIGNMENT

For good and valuable consideration, I, Klaus Dieter PENNER, residing at Ahornstr. 60, 01458 Ottendorf-Okrilla, Germany, 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.: 08/937,572

Filed: September 25, 1997

and entitled: METHOD OF END POINT DETECTION FOR A WET ETCH
PROCESS

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

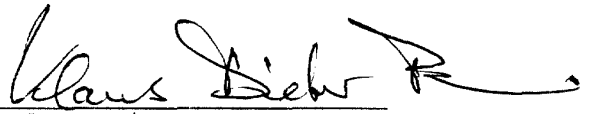
PATENT

REEL: 9407 FRAME: 0869

-2-

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: 3/12/98


Klaus Dieter PENNER

Witness: Barbara Lorenz
(type name) ~~Barbara Lorenz~~

Witness: Monika Plei
(type name)

ASSIGNMENT

WHEREAS, I,

(1)
County of

K. 03/09/98 K.P.M.
~~Karl~~ Paul MULLER

of Wappingers Falls,
and State of New York

have invented certain improvements in **METHOD OF END POINT DETECTION FOR A WET ETCH PROCESS**

and executed a United States patent application therefor on:
(dates that Inventors signed the declaration)

(1) March 9, 1998

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire, right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed
(city and date)

(1) at East Fishkill, NY
on March 9, 1998

K. Paul Muller 03/09/98
K. ~~Karl~~ Paul MULLER
K.P.M. 03/09/98