



To the Honorable Commissioner of Patent

101825075

Send original documents or copy thereof

1. Name of Conveying Part(ies):

Philip H. Campbell
Craig M. Carpenter
Ross S. Dando
Kevin T. Hamer

8/17/01

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

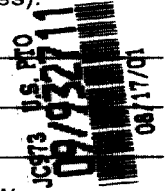
Name: Micron Technology, Inc.

Internal Address:

Street Address: 8000 South Federal Way

City: Boise State: ID Zip: 83716

Additional names(s) & address(es) attached: Yes No



3. Nature of conveyance:

- Assignment Security Agreement
- Merger Change of Name
- Other

Execution Date: August 13, 2001

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: August 13, 2001

A. Patent Application No.(s):

B. Patent No.(s)

09/932711

Additional numbers attached: Yes No

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David G. Latwesen, Ph.D.

Internal Address: Wells, St. John, Roberts,

Gregory & Matkin P.S.

Street Address: 601 W. First Avenue, Ste. 1300

City: Spokane State: WA Zip: 99201-3828

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 number

23-0925

(Attach duplicate copy of this page if paying by 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.

David G. Latwesen, Ph.D.

Name of Person Signing

[Signature]

Signature

8/17/01

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 6

OMB No. 0651-0011 (exp. 9/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

08/22/2001 PSAYAS11 00000001 09932711

- 01 FC:101
- 02 FC:102
- 03 FC:103
- 04 FC:581

- 710.00 OP
- 100.00 OP
- 216.00 OP
- 40.00 OP

ASSISTANT COMMISSIONER FOR PATENTS
BOX ASSIGNMENTS
WASHINGTON, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Philip H. Campbell
Craig M. Carpenter
Ross S. Dando
Kevin T. Hamer

ASSIGNEE:

Micron Technology, Inc.
Corporation of the State of Delaware
8000 South Federal Way
Boise, Idaho 83716

BACKGROUND OF THIS ASSIGNMENT:

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application titled "CVD Apparatuses And Methods Of Forming A Layer Over A Semiconductor Substrate".

MICRON TECHNOLOGY, INC. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt sufficiency and adequacy of which is hereby acknowledged, INVENTORS hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified application executed currently with this assignment and to any reissues,

renewals, divisions or continuations thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers required for the filing of any division, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

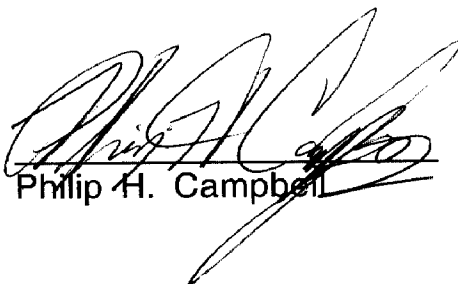
INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

INVENTORS further warrant and covenant that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full rights to convey the same as herein expressed is possessed by the undersigned.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignees.

Dated: 8-13-01

Signature:

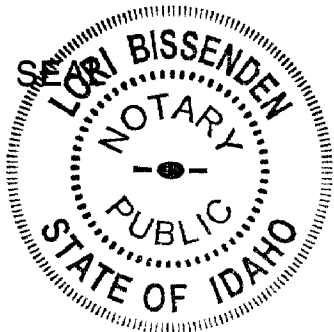

Philip H. Campbell

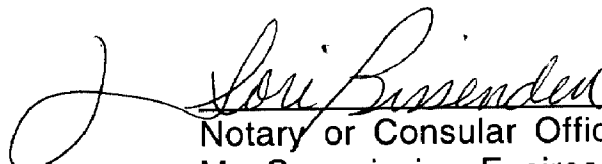
State of Idaho

)
) ss.
)

County of Ada

BEFORE ME, this 13th day of August, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.



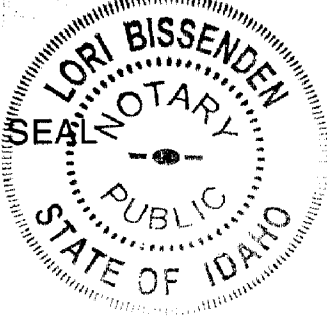

Notary or Consular Officer
My Commission Expires: 6/12/2004

Dated: 8/13/01

Signature: *Craig M. Carpenter*
Craig M. Carpenter

State of Idaho)
County of Ada) ss.
)

BEFORE ME, this 13th day of August, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.



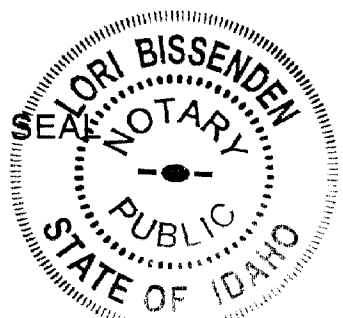
Lori Bissenden
Notary or Consular Officer
My Commission Expires: 6/12/2004

Dated: 8/10/01

Signature: *Ross S. Dando*
Ross S. Dando

State of Idaho)
County of Ada) ss.
)

BEFORE ME, this 10th day of August, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.



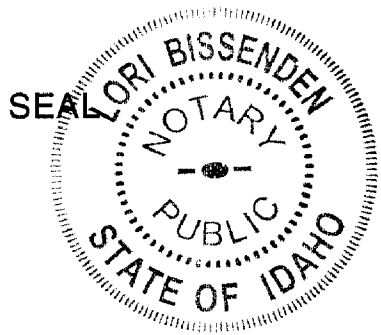
Lori Bissenden
Notary or Consular Officer
My Commission Expires: 6/12/2004

Dated: 8/13/01

Signature: *K. T. Hamer*
Kevin T. Hamer

State of Idaho)
County of Ada) ss.
)

BEFORE ME, this 13th day of August, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.



Lori Bissenden
Notary or Consular Officer
My Commission Expires: 6/12/2004