

09-14-1999

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

1. Name of Conveying Part(ies):
Tyler A. Lowrey

MPL
9-299

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: 83706-9632

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

15825 U.S. PTO
09/30/99
09/10/99

3. Nature of conveyance:

Assignment Security Agreement
 Merger Change of Name
 Other _____

Execution Date: August 30, 1999

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 29, 1999

A. Patent Application No.(s):
09/389532

Additional numbers attached: Yes No

B. Patent No.(s)

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Frederick M. Fliegel, 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)

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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.

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Frederick M. Fliegel, Ph.D. [Signature] 9/2/99
Name of Person Signing Signature Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 8

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ASSIGNMENTPARTIES TO THE ASSIGNMENT:INVENTORS:

Tyler A. Lowrey

Luan C. Tran

Alan R. Reinberg

Mark Durcan

ASSIGNEE:

Micron Technology, Inc.
Corporation of the State of Delaware
8000 South Federal Way
Boise, Idaho 83706-9632

BACKGROUND OF THIS ASSIGNMENT:

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application titled Methods Of Forming Capacitors, Methods Of Forming Capacitor-Over-Bit Line Memory Circuitry, And Related Integrated Circuitry Constructions.

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.

1 **THE PARTIES AGREE AS FOLLOWS:**

2 In consideration of good and valuable consideration, the receipt
3 sufficiency and adequacy of which is hereby acknowledged, INVENTORS
4 hereby sell, assign and transfer to ASSIGNEE the entire right, title and
5 interest in the above-identified application executed currently with this
6 assignment and to any reissues, renewals, divisions or continuations thereof,
7 and hereby authorizes the Commissioner of Patents and Trademarks to issue
8 such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its
9 successors or assigns.

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

17 INVENTORS further assign to ASSIGNEE the whole right, title and
18 interest in the inventions disclosed in the application throughout all countries
19 foreign to the United States. ASSIGNEE is hereby authorized to apply for
20 patents relating to the inventions in its own name in countries where such
21 procedure is proper; to claim the benefit of the International Convention; to
22 file and prosecute International Applications relating to the inventions under
23 the Patent Cooperation Treaty; and to file and prosecute applications relating

1 to the inventions under the European Patent Convention. INVENTORS agree
2 to execute applications relating to the inventions in those countries and under
3 those conventions where it is necessary that the same be executed by the
4 inventor, and to execute assignments of such applications and the resulting
5 Letters Patent to ASSIGNEE as well as all other necessary papers in relation
6 to such applications and Letters Patent.

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

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

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(Signature) Tyler A. Lowrey Date: 8/30/99
Tyler A. Lowrey

State of Michigan)
County of Oakland) ss.

BEFORE ME, this 30th day of August 1999 personally appeared the above-named inventor, to me known 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.

SEAL

Darla V. Guerin-Sexauer

Notary or Consular Officer **DARLA V. GUERIN-SEXAUER**
My Commission Expires: Notary Public, Macomb County, MI
My Commission Expires July 12, 2001
Acting in Oakland County, MI

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(Signature) _____ Date: _____

Luan C. Tran

State of _____)
County of _____) ss.

BEFORE ME, this _____ day of _____ 19____ personally appeared the above-named inventor, to me known 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.

SEAL

Notary or Consular Officer
My Commission Expires: _____

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(Signature) _____ Date: _____
 Alan R. Reinberg

State of _____)
) ss.
County of _____)

BEFORE ME, this _____ day of _____ 19__ personally
appeared the above-named inventor, to me known 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.

SEAL

Notary or Consular Officer
My Commission Expires: _____

1 (Signature) _____ Date: _____

2 Mark Durcan

3 State of _____)

4) ss.

County of _____)

5 BEFORE ME, this _____ day of _____ 19____ personally
6 appeared the above-named inventor, to me known 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.

8 SEAL

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10 _____
Notary or Consular Officer

11 My Commission Expires: _____