

12-23-2003

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102629775

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Garo J. Derderian
Shuang Meng
Danny Dynka

12.9.03

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: December 3, 2003; December 3, 2003; and December 4, 2003

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 name(s) & address(es) attached? Yes No

31355 U.S. PTO
10/733201

120903

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: 12/3/03; 12/3/03; 12/4/03

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? Yes No

10733201

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

Name: Mark S. Matkin

Internal Address: Wells St. John P.S.

12/15/2008 HLE333 00000007 10733201

40.00 DP

Street Address: 601 West First Avenue,

Suite 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 (Deficiencies Only)

DO NOT USE THIS SPACE

9. Signature.

Mark S. Matkin

Name of Person Signing

Signature

12-9-03

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

EL 979950724

PATENT
REEL: 014804 FRAME: 0741

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Garro J. Derderian
Shuang Meng
Danny Dynka

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 Atomic Layer Deposition Method of Depositing an Oxide on a Substrate.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application 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 the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

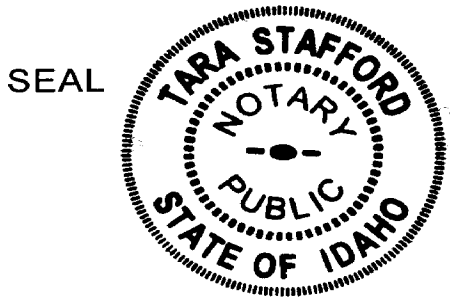
To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: 12-3-03

Signature: *Garo J. Derderian*
Garo J. Derderian

State of Idaho)
County of ADA) ss.
)

BEFORE ME, this 3 day of DECEMBER, 20 03, 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.



Tara Stafford
Notary or Consular Officer
My Commission Expires: 5/18/07

Dated: 12/3/03

Signature: *Shuang Meng*
Shuang Meng

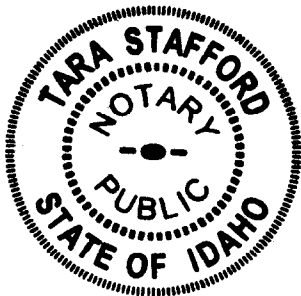
State of IDAHO

County of ADA

)
) ss.
)

BEFORE ME, this 3 day of DECEMBER, 20 03, 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.

SEAL



Tara Stafford

Notary or Consular Officer

My Commission Expires: 5/18/07

Dated: 12/04/03

Signature: *Danny Dynka*
Danny Dynka

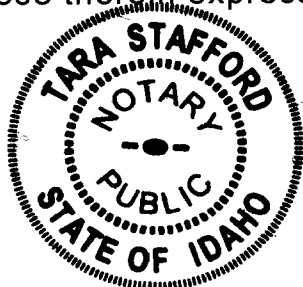
State of IDAHO

County of ADA

)
) ss.
)

BEFORE ME, this 4 day of DECEMBER, 20 03, 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.

SEAL



Tara Stafford

Notary or Consular Officer

My Commission Expires: 5/18/07