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

03-17-2004

ETU.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 400.279US01

tached original documents or copy

To the Honorable Commissioner of Pat thereof.

102696630 1. Name of conveying party(ies):

Michael Violette (February 25, 2004) Mark Helm (February 26, 2004)

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

3. Nature of conveyance:

X Assignment

Security Agreement _ Change of Name

_ Other

Execution Date: See Above

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

Name: Micron Technology, Inc.

Address: 8000 South Federal Way Boise, ID 83716-9632

Additional name(s) & address(es) attached? __Yes _X

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). Filed Herewith

B. Patent No(s).

Title: INTERCONNECTING CONDUCTIVE LAYERS OF MEMORY DEVICES

Additional numbers attached? Yes X No

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

mailed:

Name: Tod A. Myrum

Leffert Jay & Polglaze, P.A. Address:

P.O. Box 581009

Minneapolis, MN 55458-1009

6. Total number of applications and patents

involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

X Enclosed

Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to Deposit account number: 501373

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 an original or a true copy of the original document.

Tod A. Myrum 42,922 Name of Person Signing

Total number of pages including cover sheet, attachments, and document(s): 4

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

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Commissioner for Patents MS Patent Application P.O. Box 1450 Alexandria, Virginia 22313-1450

> PATENT REEL: 015072 FRAME: 0584

ASSIGNMENT

WHEREAS, we, Michael Violette, residing at 5893 S. Horseshoe Place, Boise, Idaho 83716 and Mark A. Helm, residing at 5231 N. Lakemont Lane, Boise, Idaho, 83703 and made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States herewith, and which is entitled INTERCONNECTING CONDUCTIVE LAYERS OF MEMORY DEVICES.

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 South Federal Way, Boise, ID 83716-9632, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our respective executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

PATENT REEL: 015072 FRAME: 0585 Docket No.: 400.279US01 Serial No.: Unknown

Title: INTERCONNECTING CONDUCTIVE LAYERS OF MEMORY DEVICES

Client Docket No. 2003-1181.00/US Filing Date: Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of Feb , 2004.

STATE OF

COUNTY OF

, 2004 before me personally appeared Michael Violette to me

known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Docket No.: 400.279US01 Serial No.: Unknown

Title: INTERCONNECTING CONDUCTIVE LAYERS OF MEMORY DEVICES

Client Docket No. 2003-1181.00/US

Filing Date: Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 26th day of February 2004.

Mark Helm

STATE OF SIGNATURE (SECTION)

On this day of the day, 2004 before me personally appeared Mark Helm to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL] OF OF

RECORDED: 03/10/2004

Notary Public