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

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 400.250US01

102580452 and original documents or copy thereof. To the Honorable Commissioner of Patents an 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Leonard Forbes (September 25, 2003) Name: Micron Technology, Inc. 10-8-03 Additional name(s) of conveying party(ies) attached? _Yes X No Address: 8000 South Federal Way Boise, ID 83716-9632 3. Nature of conveyance: X Assignment _ Merger Additional name(s) & address(es) attached? __Yes _X No Security Agreement Change of Name _ Other Execution Date: See Above 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: VERTICAL NROM HAVING A STORAGE DENSITY OF 1 BIT PER 1F2 Additional numbers attached? ___Yes _X_No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Kenneth W. Bolvin 7. Total fee (37 CFR §3.41): \$40.00 Name: Leffert Jay & Polglaze, P.A. Address: P.O. Box 581009 Minneapolis, MN 55458-1009 X Enclosed Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to Deposit account number: <u>501373</u> 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. Kenneth W. Bolvin, 34,125 Name of Person Signing Total number of pages including cover sheet, attachments, and document(s): 3 Mail documents to be recorded with required cover sheet information to: **Commissioner for Patents MS Patent Application** 0/21/2003 ECOOPER 00000084 10681408 P.O. Box 1450 Alexandria, Virginia 22313-1450 FC:8021 40.00 DD

ASSIGNMENT

WHEREAS, I, Leonard Forbes, residing at <u>965 NW Highland Terrace</u>, <u>Corvallis</u>, <u>Oregon 97330</u>, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States herewith, and which is entitled **VERTICAL NROM HAVING** A STORAGE DENSITY OF 1 BIT PER 1F².

AND WHEREAS, <u>Micron Technology</u>, <u>Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>8000 South Federal Way</u>, <u>Boise</u>, <u>ID</u> <u>83716-9632</u>, (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, I 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 I 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, I do hereby agree that I and my 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 I 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: 014602 FRAME: 0406 Docket No.: 400.250US01

Serial No.: Unknown

Title: VERTICAL NROM HAVING A STORAGE DENISTY OF 1 BIT PER 1F2

Client Docket No. 03-0804.00/US

Filing Date: Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of

, 2003.

STATE OF $\frac{OREGON}{OREGON}$) ss.

On this 25 day of 9, 2003 before me personally appeared Leonard Forbes 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.

NOTARY PUBLIC - OREGON COMMISSION NO. 364197 MINISSION EXPIRES DECEMBER 29, 200 [SEAL]

RECORDED: 10/08/2003

Becky Vo Waldron

PATENT REEL: 014602 FRAME: 0407