

Atty Ref/Docket No.: 303.504US1

MND 9.01.98



100830749

To the Honorable Commissioner of Patents and Trademarks: Please record

1. Name of conveying party(ies):

Leonard Forbes and Kie Y. Ahn

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

3. Nature of conveyance:

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

Execution Date: August 12, 1998 and August 18, 1998

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

Name: Micron Technology, Inc.

Street Address: 8000 South Federal Way

City: Boise State: ID ZIP: 83716-9632

Additional name(s) & address(es) attached? []Yes [X]No



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 12, 1998 and August 18, 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/144207

Additional numbers attached? []Yes [X]No

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

Name: Edward J. Brooks, III

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

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. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-0743

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and my attached copy is a true copy of the original document.

Edward J. Brooks, III/Reg. No. 40,925
Name of Person Signing

Edward J. Brooks III
Signature

9/1/98
Date

Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

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PATENT REEL: 9447 FRAME: 0279

ASSIGNMENT

WHEREAS, WE, Leonard Forbes, residing at 965 NW Highland Terrace, Corvallis, OR 97330, and Kie Y. Ahn, residing at 639 Quaker St., Chappaqua, NY 10514, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled STRUCTURE AND METHOD FOR IMPROVED FIELD EMITTER ARRAYS.

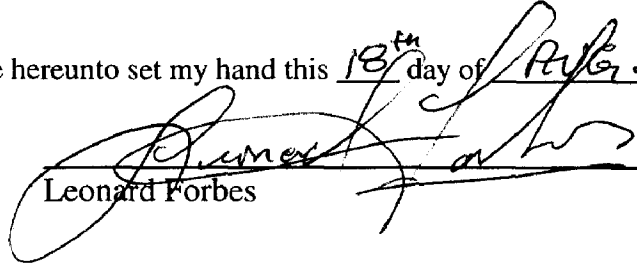
AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 South Federal Way, Boise, ID 83716-9632, (hereinafter "Assignee") is desirous of acquiring the entire right, title and 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, 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 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of Aug., 1998.

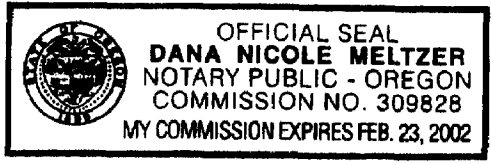


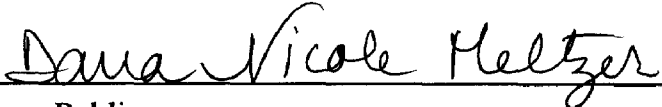
Leonard Forbes

STATE OF OREGON)
)ss.
COUNTY OF Benton)

On this 18 day of August, 1998 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/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]





Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12th day of August, 1998.

Kie Y. Ahn
Kie Y. Ahn

STATE OF New York)
)ss.
COUNTY OF Westchester

On this 12th day of August, 1998 before me personally appeared Kie Y. Ahn to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] CYNTHIA R. RAGUSO
Notary Public, State of New York
No. 01RA5057392
Qualified in Westchester County
My Commission Expires March 25, 2000

Cynthia R. Raguso
Notary Public