

01-06-2000

Form PTO-1505

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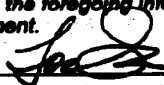
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ER SHEET

U.S. Department of Commerce
Patent and Trademark Office

MED 12-15-99

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

1. Name of conveying party(ies): Leonard Forbes, Kie Y. Ahn and Wendell P. Noble Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Micron Technology, Inc.</u> Internal Address: Street Address: <u>8000 S. Federal Way</u> <u>Boise, Idaho 83707-0006</u> City: <u>Boise</u> State: <u>Idaho</u> Zip: <u>83707-0006</u> Country: <u>US</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): <u>December 6, 3 and 8, 1999, respectively</u>		4. Application number(s) or patent number(s): <u>09/461009</u> If this document is being filed together with a new application, the Execution date(s) of the new application is (are): <u>December 6, 3, and 8, 1999, respectively</u> A. Patent Application No.(s): B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP</u> Internal Address: <u>Atty. Dkt.: M4085.0209/P209</u> Attn: <u>Thomas J. D'Amico</u> Street Address: <u>2101 L Street NW</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037 - 1526</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41) \$ <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Credit any overpayment or debit any underpayment 8. Deposit account number: <u>4 - 1073</u>	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> <u>Thomas J. D'Amico</u>  <u>December 14, 1999</u> Signature Date Reg. No. <u>28,371</u> Total number of pages including cover sheet, attachments, and document: <u>13</u>			

01/03/2000 SCANNING STATION 044873 07701409

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18.00 CH

22.00 SP

PATENT
REEL: 010466 FRAME: 0009

ASSIGNMENT AND AGREEMENT

For value received, we, Leonard Forbes, Kie Y. Ahn and Wendell P. Noble, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled DISCRETE DEVICES INCLUDING EAPROM TRANSISTOR AND NVRAM MEMORY CELL WITH EDGE DEFINED FERROELECTRIC CAPACITANCE, METHODS FOR OPERATING SAME, AND APPARATUSES INCLUDING SAME described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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 in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Leonard Forbes

Date: _____

United States of America)
State _____) ss.:
County _____)

On this _____ day of _____, _____, before me personally came Leonard Forbes, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

Kie Y. Ahn

Date: _____

United States of America)
State _____)ss.:
County _____)

On this _____ day of _____, _____, before me
personally came Kie Y. Ahn, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Third Inventor

Wendell P. Noble
Wendell P. Noble

Date: 12/8/99

United States of America)
State Vermont)ss.:
County Chittenden)

On this 8th day of December, 1999, before me
personally came Wendell P. Noble, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Loren R. Deane
Notary Public
Expiration Date
2-10-2003

ASSIGNMENT AND AGREEMENT

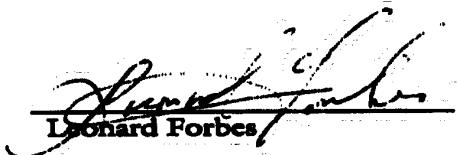
For value received, we, Leonard Forbes, Kie Y. Ahn and Wendell P. Noble, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled DISCRETE DEVICES INCLUDING EAPROM TRANSISTOR AND NVRAM MEMORY CELL WITH EDGE DEFINED FERROELECTRIC CAPACITANCE, METHODS FOR OPERATING SAME, AND APPARATUSES INCLUDING SAME described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

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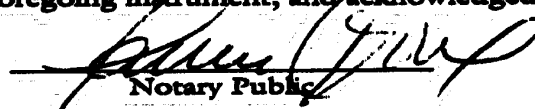
We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Leonard Forbes

Date: 6th Dec. 1998

United States of America)
State) ss.:
County DISTRICT OF COLUMBIA

On this 6 day of DECEMBER, 1998, before me personally came Leonard Forbes, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public
My Commission Expires September 14, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

Kie Y. Ahn

Date: _____

United States of America)
State _____)ss.:
County _____)

On this _____ day of _____, _____, before me
personally came Kie Y. Ahn, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Third Inventor

Wendell P. Noble

Date: _____

United States of America)
State _____) ss.:
County _____)

On this _____ day of _____, _____, before me
personally came Wendell P. Noble, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Notary Public

ASSIGNMENT AND AGREEMENT

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We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

Leonard Forbes

United States of America)
State _____)ss.:
County _____)

Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor


Kie Y. Ahn

Date: December 3, 1999

United States of America)
State New York)ss.:
County Westchester)

On this 3rd day of December, 1999, before me
personally came Kie Y. Ahn, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.


Notary Public

RAYMOND T. DIKENNO
NOTARY PUBLIC
STATE OF NEW YORK
COUNTY OF WESTCHESTER
No. 80-4780431
Exp. 05/01/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Third Inventor

Wendell P. Noble

Date: _____

United States of America)
State _____)ss.:
County _____)

On this _____ day of _____, _____, before me
personally came Wendell P. Noble, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Notary Public

RECORDED: 12/15/1999

PATENT
REEL: 010466 FRAME: 0021