

05-12-1998



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Unless filed with a new application, mail to: BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231

1. Name of conveying party(ies):

William K. Waller; Huy T. Vo

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

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

Name: Micron Technology, Inc.
Address: 8000 South Federal Way
Boise, ID 83707

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

CERTIFICATE OF MAILING

I hereby certify that this paper or fee along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

April 27, 1998
Date of Deposit

Darlene Foucault
Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Darlene Foucault
Typed/printed name of person whose signature is contained above

3. Nature of conveyance:

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

Execution Date: 03/31/98 and 04/14/98

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: 03/31/98 and 04/14/98

A. U.S. Patent Application No.(s)
08/968,439

B. U.S. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Joseph A. Walkowski
Trask, Britt & Rossa
P.O. Box 2550
Salt Lake City, UT 84110-2550

Attorney Docket No. 3465/97-1206US

6. Total number of U.S. applications and U.S. patents involved:

7. Total fee (37 C.F.R. § 3.41) \$ 40.00
(\$40.00 times number in box 6)
Check no. 9731 is enclosed in this amount.

8. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to deposit account number 20-1469.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct.

Patrick McBride
Name of Person Signing
Reg. No. 39,295

Patrick McBride
Signature

4/27/98
Date

Total number of pages including cover sheet, attachments and document:

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PATENT

REEL: 9152 FRAME: 0243

PATENT

Attorney Docket No. 3465/97-1206US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 8000 South Federal Way, Boise, ID 83707, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent Serial No. 08/968,439 filed on November 12, 1997, and entitled DEVICE AND METHOD FOR REPAIRING A SEMICONDUCTOR MEMORY, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the

PATENT

REEL: 9152 FRAME: 0244

ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE and ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:



William K. Waller

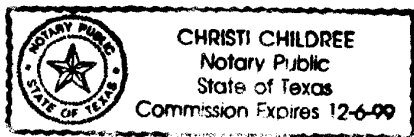
Date 4/14/98

Huy T. Vo

Date _____

STATE OF Texas)
 : ss.
COUNTY OF Dallas)

BEFORE ME, the undersigned authority, on this 14 day of April, 1998, personally appeared William K. Waller, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.





Notary or Consular Officer

PATENT

Attorney Docket No. 3465/97-1206US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 8000 South Federal Way, Boise, ID 83707, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent Serial No. 08/968,439 filed on November 12, 1997, and entitled DEVICE AND METHOD FOR REPAIRING A SEMICONDUCTOR MEMORY, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the

PATENT

REEL: 9152 FRAME: 0246

ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE and ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

_____)
William K. Waller

Date _____

Huy Chau Vo
_____)
Huy T. Vo

Date 3/31/98

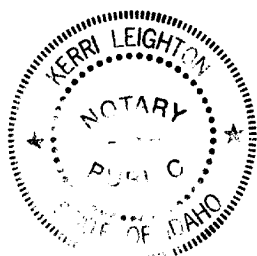
STATE OF _____)
: ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 1998, personally appeared William K. Waller, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

STATE OF Idaho)
 : ss.
COUNTY OF Ada)

BEFORE ME, the undersigned authority, on this 31 day of March, 1998, personally appeared Huy T. Vo, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Kerry Leighton
Notary or Consular Officer