

04-14-1998



To the Honorable Commissioner of Pate.

100685781

1 original document or copy thereof.

1. Name of conveying party(ies):

**Douglas J. Cutter, Kurt D. Beigel, Adrian E. Ong,
Patrick J. Mullarkey, Dien Luong,
Brett Debenham, Kim Pierce**

Additional name(s) of conveying party(ies) attached?

Yes No

MRD
2-5-97

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: October 25, 1996, October 28, 1996, October 29, 1996, November 8, 1996, November 11, 1996

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

Name: **MICRON TECHNOLOGY, INC.**

Internal Address:

Street Address: **8000 S. Federal Way**

City: **Boise** State: **Idaho** Zip: **83707-0006**

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

4. Application number(s) or registration 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): 08/795,531

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Michael G. Fletcher**
Internal Address: **FLETCHER, YODER & EDWARDS
P.O. Box 692289
Houston, Texas 77269-2289**
Street Address: **7915 FM 1960 West, Ste 330
Houston, Texas 77070**

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00
(Charged to Deposit Account No. 13-3092; Order No. MCRO:179/FLE on March 6, 1997)

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

405

9. Statement and signature.

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.

Michael G. Fletcher
Name of Person Signing

Signature

March 30, 1998
Date

Total number of pages including cover sheet, attachments and document: 16

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

Assistant Commissioner for Patents, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 9144 FRAME: 0222

PATENT
MCRO:179
95-0607

ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of the State of Delaware, having a place of business at **8000 S. Federal Way, Boise, Idaho 83707-0006**, 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, which has been executed by the undersigned concurrently herewith and is entitled "**METHOD AND APPARATUS FOR REDUCING ANTIFUSE PROGRAMMING TIME,**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original 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 in the United States;

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others 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, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): _____ Date: _____
Name: **Adrian E. Ong**

STATE OF _____ §
 § ss.
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1996, personally appeared **Adrian E. Ong** known to me to be the person whose name 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

[SEAL]

(Signature): _____ Date: _____
Name: **Fan Ho**

STATE OF _____ §
 § ss.
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1996, personally appeared **Fan Ho** known to me to be the person whose name 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

[SEAL]

| | | | | | | | | |

PATENT
MCRO:179
95-0607

ASSIGNMENT

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SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of the State of Delaware, having a place of business at **8000 S. Federal Way, Boise, Idaho 83707-0006**, 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, which has been executed by the undersigned concurrently herewith and is entitled "**METHOD AND APPARATUS FOR REDUCING ANTIFUSE PROGRAMMING TIME**," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original 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 in the United States;

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others 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, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

PATENT
REEL: 9144 FRAME: 0228

(Signature): _____ Date: _____
Name: **Patrick J. Mullarkey**

STATE OF _____ §
§ ss.
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1996, personally appeared **Patrick J. Mullarkey** known to me to be the person whose name 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

[SEAL]

(Signature): _____ Date: _____
Name: **Dien Luong**

STATE OF _____ §
§ ss.
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1996, personally appeared **Dien Luong** known to me to be the person whose name 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

[SEAL]

PATENT
MCRO:179
95-0607

ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of the State of Delaware, having a place of business at **8000 S. Federal Way, Boise, Idaho 83707-0006**, 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, which has been executed by the undersigned concurrently herewith and is entitled "**METHOD AND APPARATUS FOR REDUCING ANTIFUSE PROGRAMMING TIME,**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original 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 in the United States;

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

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COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

PATENT
REEL: 9144 FRAME: 0233

(Signature): _____ Date: _____
Name: **Adrian E. Ong**

STATE OF _____ §
§ ss.
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1996, personally appeared **Adrian E. Ong** known to me to be the person whose name 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

[SEAL]

(Signature): _____ Date: _____
Name: **Fan Ho**

STATE OF _____ §
§ ss.
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1996, personally appeared **Fan Ho** known to me to be the person whose name 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

[SEAL]

