FORM PTO-1584 01-10-96:CMG RE-M2D 7-14-98 Atty Ref/Docket No.: 303.200US1 07-22-1998



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please reco	ord the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Leland R. Nevill, Ray Beffa, Ken Waller, Eugene H. Cloud and Warren M. Farnworth	Name: Micron Technology, Inc.
Additional name(s) of conveying party(ies) attached? [ ]Yes [X]No	
3. Nature of conveyance:	Street Address: 8000 So. Federal Way
[X] Assignment [] Merger	
[] Security Agreement [] Change of Name	City: Boise State: ID ZIP: 83706
[ ] Other	Additional name(a) & address(a) sussit 10.5 W. (WW)
Execution Date: April 14, 1998	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 ex	tecution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 08/917,215, filed August 22, 1997	
Additional numbers attached? [ ]Yes [X]No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Daniel J. Kluth	7. Total fee (37 CFR 3.41):\$ 40.00 <b>E</b>
Address: Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938	<ul><li>[X] Enclosed</li><li>[] Authorized to be charged to deposit account</li></ul>
Minneapolis, MN 55402	
	Please charge any additional fees or credit any overpayments to our Deposit account number:
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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.
Daniel J. Kluth/Reg. No. 32,146	sul 1. Klutt May 21, 1998
	nature Date Total number of pages including cover sheet: 5
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FORM PTO-158 01-10-96:CMG

Atty Ref/Docket No.: 303.200US1

04-27-1998

PARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Codemarks: Please	100695125
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Leland R. Nevill, Ray Beffa, Ken Waller, Eugene H. Cloud and Warren M. Farnworth	Name: Micron Technology. Inc.
Additional name(s) of conveying party(ies) attached? [ ]Yes [X]No	
3. Nature of conveyance:	Street Address: 8000 So. Federal Way
[X] Assignment [] Merger	
[] Security Agreement [] Change of Name	City: Boise State: ID ZIP: 83706
[] Other	Additional name(s) & address(es) attached? [ ]Yes [X]No
Execution Date: October 6, 9, and 16, 1997	Additional mane(s) & address(es) addened. [11es [A]] to
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execut	tion date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 08/917,215, filed August 22, 1997	
Additional numbers attached? [ ]Yes [X]No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Daniel J. Kluth	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Address: Schwegman, Lundberg, Woessner & Kluth, P.A.	[X] Enclosed
P.O. Box 2938 Minneapolis, MN 55402	[ ] Authorized to be charged to deposit account
• •	Please charge any additional fees or credit any overpayments to our Deposit account number:       19-0743
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 a true copy of the original document.
Daniel J. Kluth/Reg. No. 32,146	1 J. Kluss Spril 14, 1998
Name of Person Signing Signature	Total number of pages including cover sheet: 5
OMB No. 0651-0011 (exp. 4/94)	
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## ASSIGNMENT

WHEREAS, WE, Leland R. Nevill, residing at 6803 Diamond St., Boise, ID 83709, and Ray Beffa, residing at 11966 Goldenrod Dr., Boise, ID 83713, and Ken Waller, residing at 3736 Mountainview Dr., Boise, ID 83704, and Eugene H. Cloud, residing at 2145 Mortimer Drive, Boise, ID 83712, and Warren M. Farnworth, residing at 2004 S. Banner, Nampa, ID 83686-7271, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on August 22, 1997, which application was assigned U.S. patent application serial number 08/917,215, and is entitled TEST METHOD FOR WRITING A MEMORY ARRAY WITH A REDUCED NUMBER OF CYCLES.

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 So. Federal Way</u>, <u>Boise, ID 83707</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, 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.

Docket No.: 303.200US1 Serial No.: 08/917,215 Filing Date: August 22, 1997

Page 2 of 4

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.

Ray Beffa **COUNTY OF** 1997 before me personally appeared Ray Beffa 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\_\_\_\_ day of \_\_\_\_\_\_, 1997. Ken Waller STATE OF COUNTY OF \_\_\_\_\_) On this \_\_\_\_ day of \_\_\_\_\_\_, 1997 before me personally appeared Ken Waller 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.

Notary Public

Docket No.: 303.260US1 Serial No.: 08/917,215 Filing Date: August 22, 1997

Page 3 of 4

[SEAL]

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of 007, 1997. STATE OF COUNTY OF On this day of / rose. 1997 before me personally appeared Eugene H. Cloud 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] IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of Oct., 1997. COUNTY OF On this Way of Warren M. Farnworth 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]

> PATENT REEL: 9317 FRAME: 0039

Docket No.: 303.2@0US1 Serial No.: 08/917,215 Filing Date: August 22, 1997

Page 4 of 4

## ASSIGNMENT

WHEREAS, WE, Leland R. Nevill, residing at 6803 Diamond St., Boise, ID 83709, and Ray Beffa, residing at 11966 Goldenrod Dr., Boise, ID 83713, and Ken Waller, residing at 5626 Duck Creek, Apt #D, Garland, TX 75043, and Eugene H. Cloud, residing at 2145 Mortimer Drive, Boise, ID 83712, and Warren M. Farnworth, residing at 2004 S. Banner, Nampa, ID 83686-7271, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on August 22, 1997, which application was assigned U.S. patent application serial number 08/917,215, and is entitled TEST METHOD FOR WRITING A MEMORY ARRAY WITH A REDUCED NUMBER OF CYCLES.

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 So. Federal Way</u>, <u>Boise</u>, <u>ID 83707</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, 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.

Docket No.: 303.200US1 Serial No.: 08/917,215 Filing Date: August 22, 1997 Page 2 of 4

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 day of, 1997.
	Leland R. Nevill
STATE OF)	
COUNTY OF)	
On this day of	, 1997 before me personally appeared <u>Leland R. Nevill</u> to me
known and known to me to be the pe	rson described in and who executed the foregoing instrument, and
he/she duly acknowledged to me that	at he/she executed the same for the uses and purposes therein set
forth.	
[SEAL]	
	Notary Public

Page 3 of 4 IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_\_, 1997. Ray Beffa STATE OF \_\_\_\_\_) COUNTY OF \_\_\_\_\_\_ On this \_\_\_ day of \_\_\_\_\_, 1997 before me personally appeared Ray Beffa 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 \_\_\_\_ day of \_\_\_\_\_\_, 1997. STATE OF TEXAS COUNTY OF Qallas )ss. On this 14 day of April , 1997 before me personally appeared Ken Waller 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.

**Notary Public** 

CHRIST: CHILDREE Notary Public State of Texas

Docket No.: 303.200US1 Serial No.: 08/917,215 Filing Date: August 22, 1997

[SEAL]

Docket No.: 303.200US1 Serial No.: 08/917,215 Filing Date: August 22, 1997 Page 4 of 4

IN TESTIMONY WHEREOF, I have he	reunto set my hand this day of, 1997.
	Eugene H. Cloud
STATE OF)	
COUNTY OF)	
On this day of, 199	97 before me personally appeared <u>Eugene H. Cloud</u> 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 TESTINION WIERDST, France in	ereunto set my hand this day of, 1997.
	Warren M. Farnworth
STATE OF)	
)ss. COUNTY OF)	
On this day of, 199	7 before me personally appeared Warren M. Farnworth
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