

04-05-2001

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Atty Ref/Docket No.: 303.728US1

MRD 03-23-01



101669010

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents.

1. Name of conveying party(ies):

Tyler J. Gomm, Travis E. Dirkes, Ross E. Dermott,
Daniel R. Loughmiller and Scott E. Smith

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

Name: Micron Technology, Inc.

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

Street Address: 8000 South Federal Way

3. Nature of conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

City: Boise State: ID ZIP: 83716-9632

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

Execution Date: 02/07/01; 02/22/01; 03/14/01; 03/22/01

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: 02/07/01; 02/22/01; 03/14/01; 03/22/01

A. Patent Application No.(s)

B. Patent No.(s)

09815465

Additional numbers attached? [] Yes [X] No

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

Name: Viet V. Tong

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

- [X] 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

04/04/2001 DBYRNE 00000177 09815465

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40.00 UP

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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.

Viet V. Tong/Reg. No. 45,416

Name of Person Signing

Signature

Date

3/23/01

Total number of pages including cover sheet: 7

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

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Box Assignments
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PATENT
REEL: 011642 FRAME: 0318

ASSIGNMENT

WHEREAS, WE, Tyler J. Gomm, residing at 3018 N. Marburg Ave, Meridian, ID 83642, and Travis E. Dirkes, residing at 106C Paisley Ct., Bozeman, MT 59715, and Ross E. Dermott, residing at 824 S 8th, Bozeman, MT 59715, and Daniel R. Loughmiller, residing at 2943 S. Zach Pl., Boise, ID 83706, and Scott E. Smith, residing at 2313 Stacia Drive, Plano, TX 75025, 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 METHOD FOR NOISE AND POWER REDUCTION FOR DIGITAL DELAY LINES.


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 therefore;

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, continuations-in-part, 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.

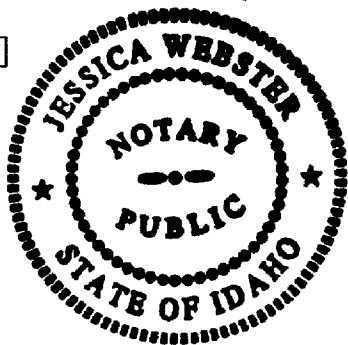
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of FEB., 2001.

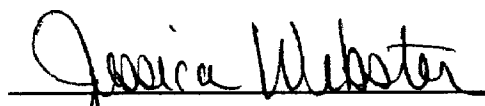

Tyler J. Gomm

STATE OF Idaho)
)ss.
COUNTY OF Ada)

On this 7 day of February, 2001 before me personally appeared Tyler J. Gomm 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

03/20/2001 TUE 09:33 FAX 612 339 3061 SLWK

004/009

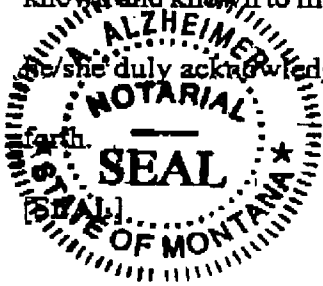
Docket No.: 303-728US1
Serial No.: Not Assigned
Filing Date: Even Date Herewith
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of March, 2001.

Travis E. Dirkes
Travis E. Dirkes

STATE OF Montana)
)ss.
COUNTY OF Gallatin)

On this 22nd day of March, 2001 before me personally appeared Travis E. Dirkes 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.



[Signature]
Notary Public

Notary Public for the State of Montana
Residing in Bozeman
My Commission Expires 01-17-2001

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of March, 2001.

Ross E. Dermott
Ross E. Dermott

STATE OF Montana)
)ss.
COUNTY OF Gallatin)

On this 22nd day of March, 2001 before me personally appeared Ross E. Dermott 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.



[Signature]
Notary Public

Notary Public for the State of Montana
Residing in Bozeman
My Commission Expires 01-17-2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

Travis E. Dirkes

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared Travis E. Dirkes 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 _____, 2001.

Ross E. Dermott

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared Ross E. Dermott 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

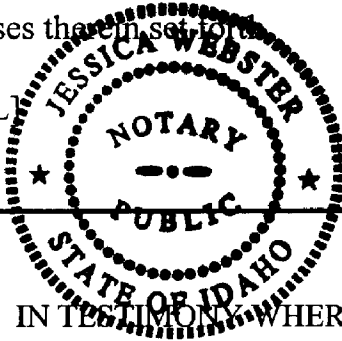
IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of February, 2001.

Daniel R. Loughmiller
Daniel R. Loughmiller

STATE OF Idaho)
)ss.
COUNTY OF Ada)

On this 22 day of February, 2001 before me personally appeared Daniel R. Loughmiller 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]



Jessica Webster
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

Scott E. Smith

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared Scott E. Smith 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

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Filing Date: Even Date Herewith
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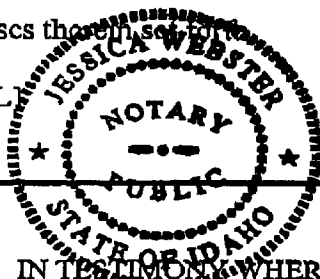
IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of February, 2001.

Daniel R. Loughmiller
Daniel R. Loughmiller

STATE OF Idaho)
COUNTY OF Ada)ss.

On this 22 day of February, 2001 before me personally appeared Daniel R. Loughmiller 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]



Jessica Webster
Notary Public

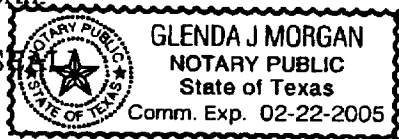
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of March, 2001.

Scott E. Smith
Scott E. Smith

STATE OF Texas)
COUNTY OF Dallas)ss.

On this 14th day of March, 2001 before me personally appeared Scott E. Smith 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]



Glenda J. Morgan
Notary Public