

06-07-2000



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

101375617

copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- a. Stuart L. Roberts
b. William J. Reeder
c. Leonard E. Mess

5.16.00

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

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

Name: Micron Technology, Inc.

Internal Address:

Street Address: 8000 South Federal Way

City: Boise State: ID ZIP: 83707

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

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- a. April 28, 2000 c. May 3, 2000
b. May 2, 2000

4. Application number(s) or Patent number(s):

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No. 09/489,998
Filing Date: January 21, 2000() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Michael H. Trenholm
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: MICRON.135A

7. Total fee (37 CFR 3.41): \$40.00

(X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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 H. Trenholm
Name of Person Signing

Signature

Date

37,743
Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

2000 DNGUYEN 00000174 09489998

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40.00 UP

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

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ASSIGNMENT

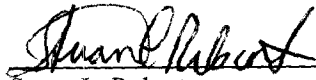
WHEREAS, We, Stuart L. Roberts, a United States of America citizen, residing at 5649 S. Moonflower Pl., Boise, ID 83716, William J. Reeder, a United States of America citizen, residing at 3503 Hansen Avenue, Boise, Idaho 83703 and Leonard E. Mess a United States of America citizen, residing at 4101 Cassia, Boise, Idaho 83705, have invented certain new and useful improvements in an ALIGNMENT AND ORIENTATION FEATURES FOR A SEMICONDUCTOR PACKAGE for which we have filed an application for Letters Patent in the United States, Application No. 09/489,998, filed January 21, 2000;

AND WHEREAS, Micron Technology, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise, Idaho 83707, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 28 day of April, 2000

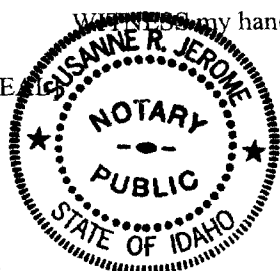

Stuart L. Roberts

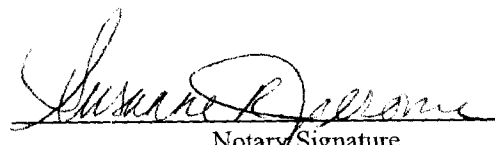
STATE OF IDAHO]
COUNTY OF ADA] ss.

On 28 April 2000, before me, Susanne R. Jerome, personally appeared Stuart L. Roberts personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.

[SEAL]




Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of May, 2000

William J. Reeder
William J. Reeder

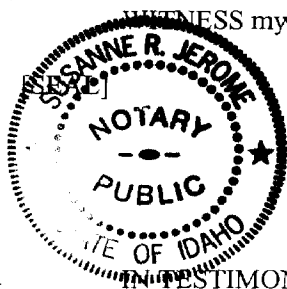
STATE OF IDAHO

} ss.

COUNTY OF ADA

On 2 May 2000, before me, SUSANNE R. JEROME, personally appeared William J. Reeder personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Susanne R. Jerome
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of MAY, 2000

Leonard E. Mess
Leonard E. Mess

STATE OF IDAHO

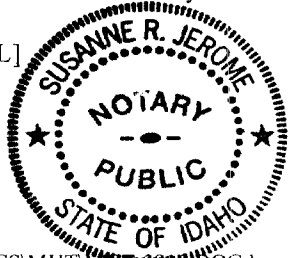
} ss.

COUNTY OF ADA

On 3 May 2000, before me, SUSANNE R. JEROME, personally appeared Leonard E. Mess personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Susanne R. Jerome
Notary Signature

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