

07-31-2003



2 SHEET

-Y

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of P.

102513464

ached original documents or copy thereof

1. Name of Conveying Part(ies) & Execution Date

Brent McClure, July 9, 2003  
Casey R. Kurth, July 14, 2003  
Shenlin Chen, June 26, 2003  
Debra K. Gould, July 13, 2003  
Lyle D. Breiner, June 26, 2003  
Er-Xuan Ping, June 24, 2003  
Fred D. Fishburn, June 24, 2003  
Hongmei Wang, June 25, 2003

7.21.03

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ 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: 83716

Additional names(s) & address(es) attached: ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Security Agreement  
☐ Merger ☐ Change of Name  
☐ Other

Execution Date: Noted above

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:  
July 9, 2003, July 14, 2003, June 26, 2003, July 13, 2003, June 26, 2003, June 24, 2003, June 24, 2003, June 25, 2003

A. Patent Application No.(s):

7/24/2003 HDEMESS1 00000022 10624340

4 FC:8021

40.00 OP

Additional numbers attached: ☐ Yes ☒ No

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: James E. Lake

Internal Address:

Wells St. John P.S.

Street Address: 601 West First Avenue, Ste. 1300

City: Spokane State: WA Zip: 99201-3828

6. Total number of applications and patents involved. 1

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

☒ Enclosed

☒ Authorized to be charged to deposit account for any deficiency or credit any overpayments.

8. Deposit account number

23-0925

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

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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.*

James E. Lake, Reg. No. 44,854

Name of Person Signing

James E. Lake  
Signature

21 Jul 2003

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 12

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EV085414249  
PATENT

REEL: 014319 FRAME: 0263

## **ASSIGNMENT**

### **PARTIES TO THE ASSIGNMENT:**

#### **Inventors:**

Brent A. McClure  
638 W. Criterion  
Meridian, ID 83642

Casey R. Kurth  
1002 North Windweaver Place  
Eagle, ID 83616

Shenlin Chen  
13193 West Meadowdale Drive  
Boise, ID 83713

Debra K. Gould  
5107 Meadowlark Lane  
Nampa, ID 83687

Lyle D. Breiner  
3050 Val Vista Court  
Meridian, Idaho 83642

Er-Xuan Ping  
2239 E. Chateau Dr.  
Meridian, Idaho 83642

Fred D. Fishburn  
1608 North 8th Street  
Boise, Idaho 83702

Hongmei Wang  
1656 South Loggers Pond Place,  
Apt. 34  
Boise, Idaho 83706

#### **Assignee:**

Micron Technology, Inc.  
Corporation of the State of Delaware  
8000 South Federal Way  
Boise, Idaho 83716

### **BACKGROUND OF THIS ASSIGNMENT:**

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled "Capacitor Constructions and Methods of Forming".

MICRON TECHNOLOGY, INC. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, INVENTORS have sold, assigned and transferred to ASSIGNEE the full and exclusive right to said inventions in the United States and in all foreign countries.

INVENTORS do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any applications papers required for the filing of any division, continuation or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

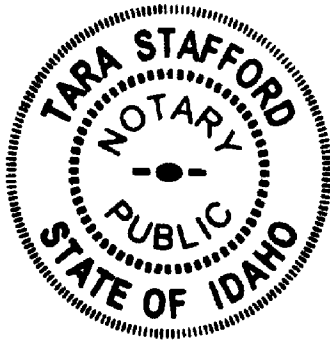
Signed at Boise, Idaho, on July 9<sup>th</sup>, 2003.  
[City] [State]

Brent A. McClure  
Brent A. McClure

State of IDAHO

County of ADA

On JULY 9, 2003, before me, a Notary Public, personally appeared Brent A. McClure who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



SEAL

Tara Stafford  
Notary for the State of  
residing at BOISE  
[City]  
Commission Expires: 5/18/07

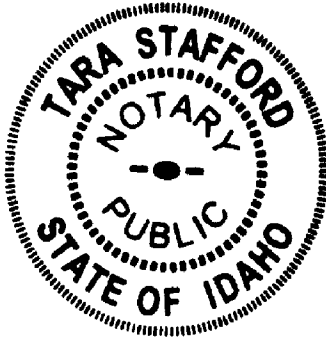
Signed at BOISE, ID, on JULY 14th, 2003  
[City] [State]

Casey R. Kurth  
Casey R. Kurth

State of IDAHO

County of ADA

On JULY 14, 2003, before me, a Notary Public, personally appeared Casey R. Kurth who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



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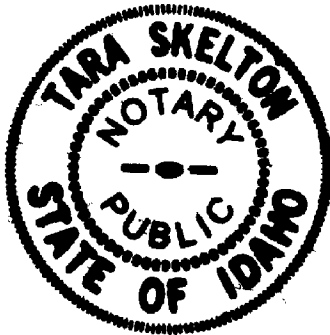
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Notary for the State of  
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[City]  
Commission Expires: 5/18/07

Signed at Boise, ID, on 6/26, 2003  
[City] [State]

Shenlin Chen  
Shenlin Chen

State of Idaho  
County of ADA

On JUNE 26, 2003, before me, a Notary Public, personally appeared Shenlin Chen who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



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[City]  
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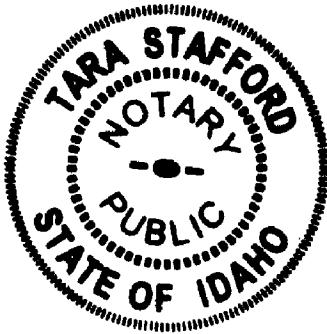
Signed at Boise, ID, on 7/13/03, 2003.  
[City] [State]

Debra K. Gould  
Debra K. Gould

State of IDAHO

County of ADA

On JULY 13, 2003, before me, a Notary Public, personally appeared Debra K. Gould who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



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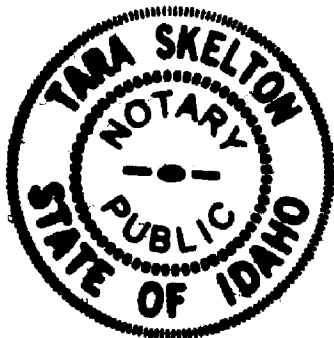
Signed at Boise, ID, on June 26, 2003  
[City] [State]

Lyle D Breiner  
Lyle D. Breiner

State of IDAHO

County of ADA

On JUNE 26, 2003, before me, a Notary Public, personally appeared Lyle D. Breiner who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



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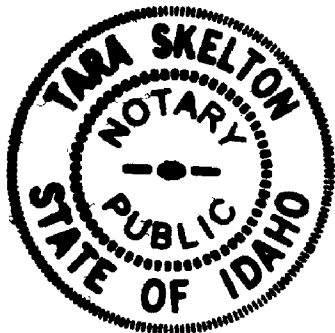
Signed at Boise, ID, on 06/24, 2003.  
[City] [State]

Er-Xuan Ping  
Er-Xuan Ping

State of IDAHO

County of ADA

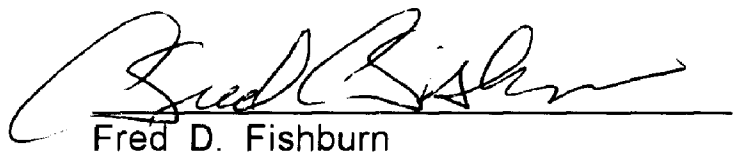
On 24<sup>th</sup> June, before me, a Notary Public, personally appeared Er-Xuan Ping who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



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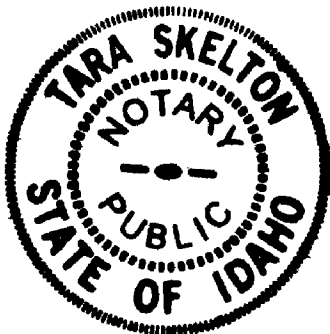
Signed at Boise, ID, on June 24, 2003.  
[City] [State]

  
Fred D. Fishburn


State of IDAHO

County of ADA

On JUNE 24, 2003, before me, a Notary Public, personally appeared Fred D. Fishburn who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



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Notary for the State of IDAHO  
residing at BOISE  
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Signed at Boise, ID, on 06/25, 2003.  
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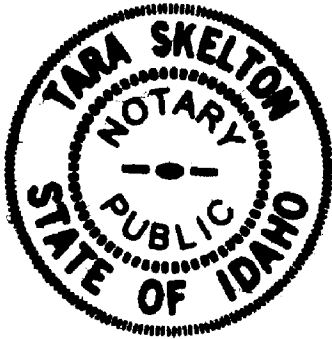
Hongmei Wang  
Hongmei Wang

State of Idaho

County of ADA

On JUNE 25, 2003, before me, a Notary Public, personally appeared Hongmei Wang who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

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Tara Skelton  
Notary for the State of Idaho  
residing at BOISE  
[City]  
Commission Expires: 5/18/07