



102663851

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Max F. Hineman  
Stephen W. Russell

12904

2. Name and address of receiving party(ies)

Name: Micron Technology, Inc.

Address: Mailstop 525, 8000 South Federal Way,  
Boise, ID 83706

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: 1/20/04, 1/19/04

**CERTIFICATE OF MAILING**

Express Mail Label Number: EV326921818US

Date of Deposit: January 29, 2004

Person Making Deposit: Christopher Haughton

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

10767764

If this document is being filed together with a new application, the execution date of the application is: 1/20/04, 1/19/04

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: TraskBritt

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 2550

City: Salt Lake City State: UT Zip: 84110

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

8. Deposit account number:

20-1469

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

**DO NOT USE THIS SPACE**

9. Statement and signature.

Attorney Docket No.: 2269-5925US (03-0290.00/US)

*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.*

Joseph A. Walkowski

Name of Person Signing  
Reg. No. 28,765

Signature

January 29, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

02/05/2004 MGETACHE 00000115 10767764

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

Mail Stop Assignment Recordation Services  
Director of the US Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

**PATENT**  
**REEL: 014946 FRAME: 0807**

U.S. PTO  
22553  
10767764



012904

**ASSIGNMENT**

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

**SELL, ASSIGN AND TRANSFER** to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at Mailstop 525, 8000 South Federal Way, Boise, ID 83706, 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 each undersigned ASSIGNOR concurrently herewith and is entitled **METHODS FOR IMPROVING METAL-TO-METAL CONTACT IN A VIA, DEVICES MADE ACCORDING TO THE METHODS, AND SYSTEMS INCLUDING THE SAME**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined 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 made in the United States;

**AUTHORIZE** the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

**AUTHORIZE AND REQUEST** the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

**WARRANT AND COVENANT** that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into 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, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

**AGREE AND ACKNOWLEDGE** that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

Max F. Hineman  
Max F. Hineman  
Residing at: 106 Evergreen Drive, Boise, ID 83716

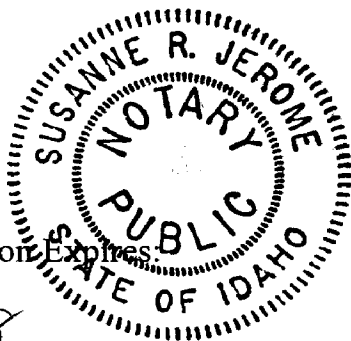
Date 1/20/04

Stephen W. Russell  
Stephen W. Russell  
Residing at: 5541 E. Stagline Drive, Boise, ID 83716

Date 1-19-04

COUNTY OF ADA )  
STATE OF IDAHO ) : ss.

On this 20 day of January, 2004, before me personally appeared Max F. Hineman to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



My Commission Expires:

3/12/08

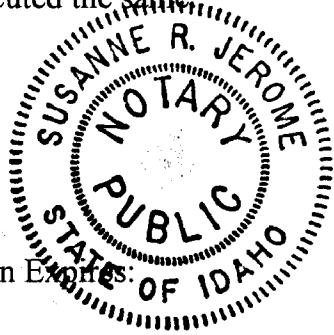
Susanne R. Jerome  
Notary Public in and for said County and State

COUNTY OF ADA)

: SS.

STATE OF IDAHO)

On this 19 day of January, 2004, before me personally appeared to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Susanne R. Jerome  
Notary Public in and for said County and State

My Commission Expires:

3/12/08

Document in ProLaw

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

22553 U.S. PTO  
10/767764

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REEL: 014946 FRAME: 0811