



102213724

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

1. Name of conveying party(ies):  
Warren M. Farnworth  
Dale W. Collins  
Steven M. McDonald

08/29/02

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

2. Name and address of receiving party(ies)

Name: Micron Technology, Inc.

Address: 8000 South Federal Way, Boise, Idaho  
83707-0006

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: August 27, 2002

CERTIFICATE OF MAILING

Express Mail Label Number: EV092592205US

Date of Deposit: August 29, 2002

Person Making Deposit: Jon Wentz

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

10/230678

If this document is being filed together with a new application, the execution date of the application is: August 27, 2002

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.: 2269-5281US (01-1338)

*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

*Joseph A. Walkowski*  
Signature

August 29, 2002  
Date

Total number of pages including cover sheet, attachments, and documents: 5

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

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

10/230678  
10/230678  
10/230678

09/29/02

09/05/2002 BTOM11 00000214 10230678  
01 FC:581 40.00 DP

**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 8000 South Federal Way, Boise, Idaho 83707-0006, 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 CREATING ELECTROPHORETICALLY INSULATED VIAS IN SEMICONDUCTIVE SUBSTRATES AND RESULTING STRUCTURES**, 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:

Warren M. Farnworth  
Warren M. Farnworth  
Residing at: 2004 S. Banner, Nampa, ID 83686-7271

Date 8-27-02

Dale W. Collins  
Dale W. Collins  
Residing at: 1264 Shenandoah, Boise, ID 83712

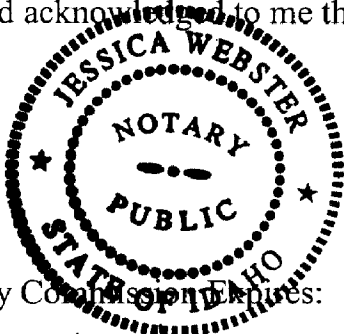
Date 8/27/2002

Steven M. McDonald  
Steven M. McDonald  
Residing at: 10385 W. Floating Feather, Star, ID 83669

Date 8/27/02

COUNTY OF ADA )  
: ss.  
STATE OF IDAHO )

On this 27 day of August, 2002, before me personally appeared Warren M. Farnworth 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.

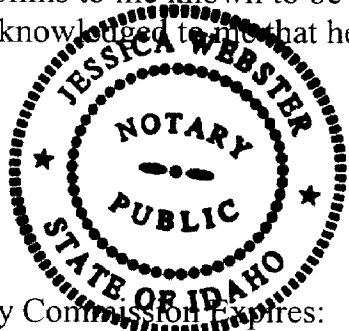


Jessica Webster  
Notary Public in and for said County and State

My Commission Expires:  
9/16/02

COUNTY OF ADA )  
 : ss.  
STATE OF IDAHO )

On this 27 day of August, 2002, before me personally appeared Dale W. Collins 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.



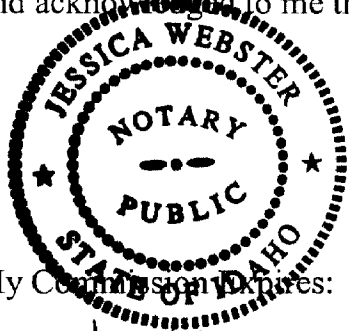
Jessica Webster  
Notary Public in and for said County and State

My Commission Expires:

9/16/02

COUNTY OF ADA )  
 : ss.  
STATE OF IDAHO )

On this 27 day of August, 2002, before me personally appeared Steven M. McDonald 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.



Jessica Webster  
Notary Public in and for said County and State

My Commission Expires:

9/16/02

Document in ProLaw

Assignment Page 3 of 3

RECORDED: 08/29/2002

PATENT  
REEL: 013252 FRAME: 0775