

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 303.A24US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jun Liu and Michael P. Violette

## Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: Micron Technology, Inc.

Street Address: 8000 So. Federal Way

City: Boise State: ID Zip: 83716-9632Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: January 10, 2008, January 10, 2008

## 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:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 12/014,939, filed January 16, 2008

Additional numbers attached? ☐ Yes ☒ No

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

Name: John N. Greaves

Address:

Schwegman, Lundberg &amp; Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account  
19-0743

## 8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

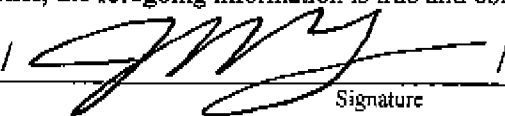
## DO NOT USE THIS SPACE

## 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.

John N. Greaves/Reg. No. 40,362

Name of Person Signing



Signature

25 February 2008

Date

Total number of pages including cover sheet: 4

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

Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT

REEL: 020564 FRAME: 0633

700361847

CH \$40.00 190743 12014939

## ASSIGNMENT

WHEREAS, We, Jun Liu, residing at 1033 S. Dale Apt # 203, Boise, ID 83706, and Michael P. Violette, residing at 1088 East Fleetwood Court, Boise, ID 83706, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled 3-D AND 3-D SCHOTTKY DIODE FOR CROSS-POINT, VARIABLE-RESISTANCE MATERIAL MEMORIES, PROCESSES OF FORMING SAME, AND METHODS OF USING SAME:

WHEREAS, We hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/014,939; Filing Date: JANUARY 16, 2008) the filing date and application number of said application when known.

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 So. Federal Way, Boise, ID 83716-9632 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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 there from, 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 there from; 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.

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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 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 10 day of

January, 2008.

Jun Liu

Jun Liu

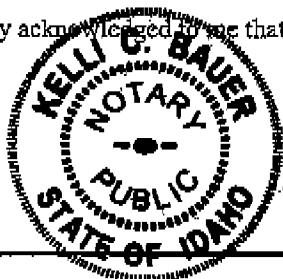
STATE OF Idaho )

)ss

COUNTY OF Ada )

On this 10th day of January, 2008 before me personally appeared Jun Liu 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]



Kelli G. Bauer  
Notary Public

exp: 2/26/2012

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 16<sup>th</sup> day of  
January, 2008.

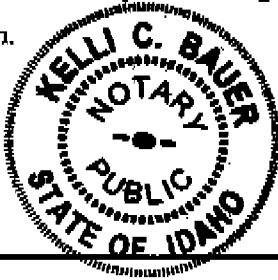
Michael P. Violette

Michael P. Violette

STATE OF Idaho  
)ss  
COUNTY OF Ada

On this 10<sup>th</sup> day of January, 2008 before me personally appeared Michael P. Violette, 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]



Kelli C Bauer  
Notary Public

exp: 2/26/2012

**SCHWEGMAN ■ LUNDBERG ■ WOESSNER**  
PATENT, TRADEMARK & COPYRIGHT ATTORNEYS

P.O. Box 2938

Minneapolis, MN 55402

Telephone (612) 373-6900

Facsimile (612) 339-3061

Date: 2/26/2008  
Time: 2:55 PM  
(Minneapolis, Minn.)TO: Commissioner for Patents  
Attn: Assignment Recordation Services  
Patent Examining Corps  
Facsimile Center  
P.O. Box 1450  
Alexandria, VA 22313-1450  
  
**FAX NUMBER 571-273-0140**

FROM: John N. Greaves

OUR REF: 303.A24US1

## Documents Transmitted:

Assignment (3 pages), Assignment Recordation Form Cover Sheet (1 page), authorization to charge Deposit Account No. 19-0743 in the amount of \$40.00 to cover the Assignment Recording Fee.Total pages of this transmission, including cover letter: (5 pgs)

If you do NOT receive all of the pages described above, please telephone us at 612-373-6900 or fax us at 612-339-3061.

In re. Patent Application of: Jun Liu et al.

Examiner:

Serial No.: 12/014,939

Group Art Unit: 2811

Filed: January 16, 2008

Docket No.: 303.A24US1

Title: 3-D AND 3-D SCHOTTKY DIODE FOR CROSS-POINT, VARIABLE-RESISTANCE MATERIAL MEMORIES, PROCESSES OF FORMING SAME, AND METHODS OF USING SAME

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

By: /

Name: John N. Greaves

Reg. No. 40,362

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Alysha Kramber  
Alysha Kramber2/26/2008  
Date