

03-05-2008

U.S. DEPARTMENT OF COMMERCE  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

William H. Radke

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 02/13/2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Micron Technology, Inc.

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

Street Address: 8000 S. Federal Way

City: Boise

State: ID

Country: U.S.A. Zip: 83716-9632

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/932,287

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Brooks, Cameron & Huebsch, PLLC

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

Street Address: 1221 Nicollet Avenue, Suite 500

City: Minneapolis

State: MN Zip: 55403

Phone Number: (612) 236-0120

Fax Number: (612) 659-9344

Email Address: brooks@bipl.net

**6. Total number of applications and patents involved: 1**

- 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**  
☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name: \_\_\_\_\_

**9. Signature:**

Signature

February 29, 2008

Date

Edward J. Brooks III

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1002.0260001

William H. Radke

Disclosure No. 07-0690

Filed: October 31, 2007

For : FRACTIONAL BITS IN MEMORY CELLS

ASSIGNMENT

X Enclosed for recording

Previously, recorded

Date: \_\_\_\_\_

Reel: \_\_\_\_\_

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

SELL, ASSIGN, AND TRANSFER TO **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, 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 the undersigned concurrently herewith and is entitled "FRACTIONAL BITS IN MEMORY CELLS"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original 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 in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND CONVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining, and enforcing proper patent protection for such improvements and for vesting title to such improvement in the Assignee;

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

William H. Radke  
William H. Radke

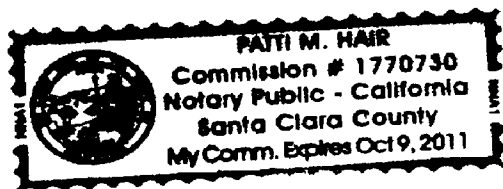
Date: Feb 13, 2008

STATE OF California )  
 ) ss.  
COUNTY OF SANTA Clara )

BEFORE ME, this 13<sup>th</sup> day of February, 2008 personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

[SEAL]

Patti M. Hair  
Notary or Consular Officer  
My Commission Expires Oct 9, 2011



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: William H. Radke  
Serial No.: 11/932,287  
Filed: October 31, 2007

Confirmation No. Unknown  
Examiner: Unknown  
Art Unit: Unknown  
Docket: 1002.0260001  
[2007-0690.00/US]

Title: FRACTIONAL BITS IN MEMORY CELLS

**MS ASSIGNMENT SERVICES**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ Return postcards (2).  
☒ Check in the amount of \$40.00 to cover Assignment Recordation Fee.  
☒ Assignment of the invention to Micron Technology, Inc. (2 pgs.) and Form PTO-1595 Recordation Cover Sheet (1 pg.).

**\*PLEASE ASSOCIATE THIS APPLICATION WITH CUSTOMER NUMBER 59752\***

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: **MS ASSIGNMENT RECORDATION SERVICES** Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, on this 29 day of February, 2008.

Respectfully Submitted,  
William H. Radke

By: Brooks, Cameron & Huebsch, PLLC  
1221 Nicollet Avenue, Suite 500  
Minneapolis, MN 55403

Name Aaron Morris  
Signature [Signature]

[Signature]  
Atty: Edward J. Brooks III (Jay)  
Reg. No.: 40,925  
Date: 2/29/2008