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Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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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.

8-4001

1. Name of conveying party(ies)/Execution Date(s):

James Brian Johnson
Brent Keeth
Feng (Dan) Lin

Execution Date(s) 7/30/04

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 S. Federal Way

City: Boise

State: Idaho

Country: U.S.A.

Zip: 83707-0006

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

08/06/2004 DTESSEM1 00000001 10910838

40.00 OP

B. Patent No.(s)

101900838

Additional numbers attached? Yes No

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

Name: Edward L. Pencoske

Internal Address: _____

Street Address: Thorp Reed & Armstrong, LLP

One Oxford Centre, 14th Floor, 301 Grant Street

City: Pittsburgh

State: PA Zip: 15219-1425

Phone Number: 412-394-7789

Fax Number: 412-394-2555

Email Address: epencoske@thorpreed.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- 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 20-0888

Authorized User Name _____

9. Signature:

E. Pencoske
Signature

4 Aug. 2004
Date

Edward L. Pencoske

Name of Person Signing

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

17558 U.S. PTP
10/9/10838



080404

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Attorney's Docket No. DB001123-000

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

James Brian Johnson
(type or print name of inventors)

5977 E. Gateway Drive
Boise, ID 83716 U.S.
Address Nationality

Brent Keeth

5077 N. Fifeshire Place
Boise, ID 83713 U.S.

Feng (Dan) Lin

554 Hale Street
Boise, ID 83706 People's Republic China

hereby sells, assigns and transfers to

ASSIGNEE:

Micron Technology, Inc.
(type or print name(s) of ASSIGNEE(S))

8000 S. Federal Way
Boise, ID 83707-0006
Address

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
 an undivided _____ percent (_____ %) interest
for the United States and its territorial possession

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

**METHOD AND APPARATUS FOR INITIALIZATION OF READ LATENCY TRACKING
CIRCUIT IN HIGH-SPEED DRAM**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

- (a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on _____
(c) U.S. provisional application naming the above inventor(s) for the above-
entitled invention.
 Express mail label no. _____
Mailed: _____
 To comply with 37 CFR 3.21 for recordal of this
assignment, I, an ASSIGNOR signing below,
hereby authorize and request my attorney to
insert below the filing date and application
number when they become known.
(d) U.S. application no. _____ filed on _____
(e) International application no. PCT/_____/_____
filed on _____
(f) U.S. patent no. _____ issued _____
 A change of address to which correspondence is to be sent
regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) and any legal equivalent thereof in a foreign country, including the right to
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or
any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or
re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance
has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided
promptly with all pertinent facts and documents relating to said invention and said Letters

Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letter Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 7/30/04.
Date of Signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

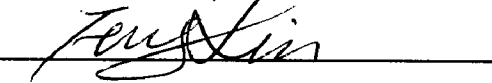
James Brian Johnson
(type name of inventor)


Signature of INVENTOR

Brent Keeth



Feng (Dan) Lin



Notarization or Legalization Page Added.

Note: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only prima facie evidence of execution, 35 USC 261.

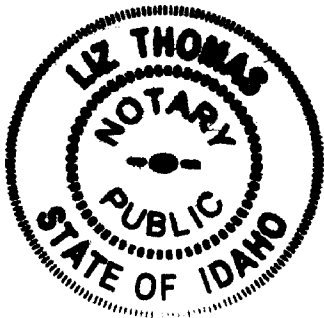
Details of Country United States of America

And place of signing of assignment Micron Technology, Inc.
8000 S. Sweet Gum Way
Boise, Id 83707

Before me this 30th day of July 2004, personally appeared the above named individuals(s), to me known to be the person(s) who is are described in, and who executed the foregoing assignment instrument and acknowledged to me that

- | | | | | |
|-------------------------------------|------|----------------------|-------------------------------------|-------|
| <input type="checkbox"/> | he | | <input type="checkbox"/> | his |
| <input type="checkbox"/> | she | executed the same of | <input type="checkbox"/> | her |
| <input checked="" type="checkbox"/> | they | | <input checked="" type="checkbox"/> | their |

own free will for the purpose therein expressed.



Liz Thomas
Notary Public or Consular Officer of the
United States of America