Form **PTO-1595** (Rev. 03/01)

RE



Ų.S.

| | 0 | | | |
|----------------------------------|-----|-----|----|---|
| DEPARTMENT OF COMMERC | Ţ | | | |
| J.S. Patent and Trademark Office | ₽°E | 1 | | |
| | .9 | 0 | == | 7 |
| | ωS | 2 | | _ |
| | _3 | 6 | | ò |
| documents or copy thereof | 1. | e I | 三: | 1 |
| eiving party(ies) | 7 | 2 | | ? |
| civilig party(les) | ັ່ | ١. | | _ |
| | | | | |

| OMB No. 0651-0027 (exp. 5/ | 31/2002) | 10240 |)4419 | Ø |
|--|---|--------------------|---|-----------------|
| To the Honorable Cor | nmissioner of Patents and | | Please record the attached original documents or co | opy thereof |
| Name of conveying Brian Johnson Brent Keeth Feng Lin | ng party(ies): | 803 | Name and address of receiving party(ies Name: Micron Technology, Inc. Internal Address: | s) 65 |
| Additional name(s) of converted attached? | eying party(ies) | s X No | Street Address: Micron Technology, Inc. 8000 S. Federal Way | |
| 3. Nature of Conveya x Assignment Security Agreeme Other Execution Date: | Merger | of Name | City: Boise State: ID Zip: 8370 Additional name(s) & Yes address(es) attached: | 07-0006 X No |
| • • | n No.(s): | oplication, the ex | RORO7 Recution date of the new application is: March ! B. Patent No.(s): | 5, 2003 |
| | Additional nu | ımbers attach | ed? Yes x No | |
| 5. Name and address concerning documen | of party to whom corres | pondence | Total number of applications and patents involved: | 1 |
| Name: Thomas J. D'A | Amico SHAPIRO MORIN & OS | SHINSKY LLP | 7. Total fee (37 CFR 3.41) \$ | 40.00 |
| Internal Address: At | ty. Dkt.: M4065.0677/P | 677 | Enclosed | |
| Street Address: 2101 L Street NW | | | Authorized to be charged to depo | |
| City: Washington | State: Zip: | 37-1526 | 8. Deposit account number: 04-1073 (Attach duplicate copy of this page if paying by deposit account number: | posit account) |
| | C | O NOT USE | THIS SPACE | |
| is a true copy of the o | owledge and belief, the original document. | foregoing inf | formation is true and correct and any attached | |
| Name of F | s J. D'Amico Person Signing umber of pages including co | over sheet, attac | March 18 Signature Date hments, and documents: 5 | |
| | eer) | | | |

1585976 v1; XZQW01!.DOC

ASSIGNMENT AND AGREEMENT

For value received, we, Brian Johnson; Brent Keeth; and Feng Lin, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled METHOD AND APPARATUS FOR MAINTAINING READ LATENCY IN HIGH-SPEED DRAM, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

1571140 v1; X_@S01!.DOC

PATENT REEL: 013891 FRAME: 0204

We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 03/05/03

United States of America
State of 9 local ss.:

County of 01 old ss.:

On this 5td day of wack, 2003, before me personally came Brian Johnson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Pat Baserst
Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

| Burt Keetl | |
|--|----------|
| Brent Keeth / | |
| Date: 3/05/03 | |
| United States of America) | |
| State of Sheks) ss.: | |
| County of Oda) | |
| On this 5tl day of 7003, before me personally came Brent Keeth , to me known to be the indidescribed in and who executed the foregoing instrument, and acknowledged executed the same. | lividual |
| Pat Bagget | |
| Notary Public | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Third Inventor

| | _ | Lengt | 41 |
|---|------------------|--------------------|----------------------|
| | Fe | eng Lin | |
| Date: 03/05/03 | | | |
| United States of America |) | | |
| State of 9 doks |) ss.: | | |
| County of ala |) | | |
| On this Ste day of | Mark | , <u>2003</u> | |
| personally came Feng Lin | | · | to be the individual |
| described in and who executed th of the same. | e foregoing inst | rument, and acknow | vieagea execution |
| BAGGE/V | _ | Pat B | agget |
| Q JOTAR | | Notary | Públic |
| ★ -o- ★ | | | |
| PUBLIC | | | |
| " Allen Maria | | | |

1571140 v1; X_@S01!.DOC

RECORDED: 03/18/2003

PATENT REEL: 013891 FRAME: 0207