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| FOR               | M PTO-1595 RECO   | 09 -           | 12-2000   | U.S. DEPARTM        | ENT OF COMMERCE<br>and and Trademark Office |
|                   | AD 7.10.97  |                |   |                     |   |
|                   | he Honorable Commissioner of Patents  | 101            | 448382  | I original document | t or copy thereof.                          |
| 1. /              | Names of conveying parties:   |                | 2. Name and address                                       |                     |   |
|                   | I) KEVIN J. RYAN  |                | Name: MICRON  | TECHNOLOGY, I       | NÇ.   |
|                   | 2) TERRY R. L <b>E</b> E<br>3)  | j              | Internal Address:   |                     |   |
|                   | 4)<br>5)  | ]              | •   |                     |   |
|                   | s)  |                |   |                     |   |
| Addit             | ional names of conveying parties attached?Yes   | <u> </u>       |   | <del></del>         |   |
| 3. N              | Nature of conveyance:   |                | Street Address: 8000 S. FEDERAL WAY P.O. BOX 6            |                     |   |
|                   | X Assignment Merger   |                |   |                     |   |
|                   | Security Agreement Change of  | Name           |   |                     |   |
|                   | Other   | 1              | City: BOISE   |                     | e IDAHO                                     |
| E                 | execution Dates:  |                | Zîp: <u>83707-0006</u>                                    |                     |   |
| 1 2               | ) JUNE 26, 1997 4)<br>) JUNE 26, 1997 5)<br>) 6)  |                | Additional names & addresse                               | es attached?        | _Yes <u>X</u> No                            |
| 3                 | 6)  |                |   |                     |   |
| 4. A              | pplication number(s) or registration numb   | er(s):         |   |                     |   |
| A                 | the execution da  . Patent Application No(s).   | ate of the ap  | plication is <u>JULY 10,</u> B. Patent No(s).  6044429    |                     |   |
|                   | Additional numb   | ers attached   | ? <u>Yes X</u>  | No                  |   |
| 5. N              | ame and address of party to whom corres onceming document should be mailed:                           | pondence       | <ol><li>Total number of ap<br/>patents involved</li></ol> | plications and      | 1   |
| N                 | ame; <u>SEED AND BERRY µ</u>  | .P             | ,   |                     |   |
| l tr              | itemal Address: <u>CLARENCE T. TEGRE</u> E  | NE             | 7. Total Fee (37 CFR                                      | 3.41):              | \$40  |
|                   | 6300 COLUMBIA CEN   | ITER           | X Enclosed E  | •                   |   |
| s                 | treet Address: 701 FIFTH AVENUE   |                | Authorized to   | be charged to dep   | oosit account                               |
| 1                 | ity: SEATTLE State: WA ZIP: 98104-  | 7092           | 8. Deposit account nu                                     | mber:               |   |
| /12/2000 DI       | GUYEN 00000383 191090 6044429   | {              | 19-1090   |                     |   |
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| ے ا               | LARENCE T. TEGREENE   | 7              |   | 7/10/9              | 2   |
| ł                 | Name of Person Signing  | Signatur       | e   | Date                |   |
|                   | Total number of pages including co  | over sheet, a  | ittachments, and docu                                     | ment:               | 4   |
| OMB I             | No. 0651-0011 (exp 4/94) Wirtword\ctt\6198 - Docket   | No. 860073.530 | 1   |                     |   |

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re      | Application of:  | )  |
|------------|--|--|
|            | Kevin J. Ryan and<br>Terry Lee   | ) Docket Number: 660073.530<br>(Client Disclosure No. 96-0338) |
| Serial     | No.:   | ) Group Art Unit:  |
| Filed:     | Concurrently herewith  | ) Examiner:  |
| For:       | METHOD AND APPARATUS FOR SYNCHRONOUS DATA TRANSFERS IN A MEMORY DEVICE WITH SELECTABLE DATA OR ADDRESS PATHS  ASSIGN | ) ) ) ) ) ) ) MENT:  |
| X<br>Date: | Enclosed for recording Previously recorded   |  |
| Reel:      |  |  |

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do 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, P.O. Box 6, 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 the undersigned concurrently herewith and is entitled: METHOD AND APPARATUS FOR SYNCHRONOUS DATA TRANSFERS IN A MEMORY DEVICE WITH SELECTABLE DATA OR ADDRESS PATHS; 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 any and all United States and foreign patents granted on such improvements to the Assignee;

Page 1 of 3

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the 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 improvements 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.

| (Signature)          | Date: 6/26/97   |
|----------------------|---|
|                      | Kevip J. Ryan   |
| STATE OF IDAHO       | )   |
|                      | ) <b>ss</b> .   |
| County of Ada        | )   |
| BEFORE ME            | this <u>26</u> day of <u>June</u> , 19 <u>97</u> personally appeared ividual(s), to me known to be the person(s) who is (are) described |
| the above-named indi | vidual(s), to me known to be the person(s) who is (are) described   |
|                      | I the foregoing assignment instrument and acknowledged to me  |

that he/she (they) executed the same of his/her (their) own free will for the purpose

SEAL

therein expressed.

Notary or Consular Officer
My Commission Expires May 200/

| (Signature)                   | Date: 6/26/97            |
|-------------------------------|--------------------------|
| Terry Lee                     |                          |
| STATE OF IDAHO )              |                          |
| ) ss.                         |                          |
| County of Ada )               |                          |
| BEFORE ME this 24 day of June | 1997 nersonally appeared |

BEFORE ME, this day of \_\_\_\_\_\_\_\_, 1977, personally appeared the above-named individual(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 he/she (they) executed the same of his/her (their) own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer
My Commission Expires May Nel

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