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Form PTO-1595


RECORDA

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To the Honorable Commissioner of Patents and Trade

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ments or copy thereof

1. Name of conveying party(ies): Brian Johnson and Brent Keeth Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Micron Technology</u> Internal Address: Street Address: <u>Micron Technology, Inc.</u> <u>8000 S. Federal Way</u> City: <u>Boise</u> State: <u>Idaho</u> Zip: <u>83707-0006</u> Country: <u>US</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): <u>August 2, 2000</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the Execution date(s) of the new application is (are): <u>July 28 and August 2, 2000</u> A. Patent Application No.(s): <u>09/637,088</u> B. Patent No.(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP</u> Internal Address: <u>Atty. Dkt.: M4065.0349/P349</u> <u>Attn: Thomas J. D'Amico</u> Street Address: <u>2101 L Street NW</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037 - 1526</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41) \$ <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Credit any overpayment or debit any underpayment	
		8. Deposit account number: <u>4 - 1073</u>	
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. <u>Thomas J. D'Amico</u>  Reg. No. <u>28,371</u> Signature Date <u>August 14, 2000</u> Total number of pages including cover sheet, attachments, and document: <u>4</u>			

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 Authorized by Elaine Bear
 to charge fee
 D. Russell

S/N - 09/637, 088

ASSIGNMENT AND AGREEMENT

For value received, we, Brian Johnson and Brent Keeth, 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 PROVIDING IMPROVED DATA PATH CALIBRATION FOR MEMORY DEVICES, 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.

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: 8/2/00

Brian Johnson
Brian Johnson

United States of America)
State IDAHO)ss.:
County ADA)

On this 02 day of August, 2000, 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.

Stormy Lough
Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT**Signature Page for Second Inventor**

Brent Keeth
Brent Keeth

Date: 8/2/00

United States of America)
State IDAHO)ss.:
County ADA)

On this 02 day of August, 2000, before me
personally came Brent Keeth, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Stormy Lough
Notary Public

