

05-08-2001



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ET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: I	Please record the attached original document or copy thereof.				
Name(s) of conveying party(ies):	Name and address of receiving party: Name: MICRON TECHNOLOGY, INC.				
1) BRENT KEETH					
2) BRIAN M SHIRLEY 3) KEVIN J. RYAN	Internal Address:				
4) CHARLES H. DENNISON 5)					
6)					
Additional names of conveying parties attached?Yes _XNo					
Nature of conveyance: X Assignment Merger	Street Address: 8000 SOUTH FEDERAL WAY				
	P.O. BOX 6 / 83707-0006				
Security Agreement Change of Name	City: BOISE State IDAHO				
Other	Zip: 83716-9632				
Execution Dates:					
1) MARCH 19, 2001 4) MARCH 22, 2001 2) MARCH 19, 2001 5) 5) 6)	Additional names & addresses attached?Yes _XNo				
Application number(s) or registration number(s): If this document is being filed together with a new application,					
the execution date of	of the application is				
A. Patent Application No(s).09/641,881, FILED AUGUST 17, 2000	B. Patent No(s).				
Additional numbers attached	d? Yes <u>X</u> No				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involvedOne (1)				
Name:DORSEY & WHITNEY LLP					
Internal Address: <u>EDWARD W. BULCHIS</u>	7. Total Fee (37 CFR 3.41): <u>\$40</u>				
SUITE 3400	X Enclosed				
Street Address: 1420 FIFTH AVENUE	Authorized to be charged to deposit account				
City: SEATTLE State: WA ZIP: 98101	Deposit account number:				
7/2001 LMUELLER 00000095 09641881	50-1266				
C:581 40.00 BP DO NOT USE	THIS SPACE				
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true copy of the original document.	information is true and correct and any attached copy is a				
EDWARD W. BULCHIS Name of Person Signing Total number of pages including cover sheet,	,				

OMB No. 0651-0011 (exp 4/94) o:\ip\documents\clients\micron technology\600\500646.01\500646.01 pto-1595.doc

REEL: 011759 FRAME: 0280

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	Application of:)
J. Rya	Brent Keeth, Brian M. Shirley, Kevin n and Charles H. Dennison) Docket No. 500646.01)) Disclosure No. 99-0936
Serial	No. 09/641,881) Group Art Unit 2818
Filed:	August 17, 2000))
For:	METHOD AND SYSTEM FOR HIDING REFRESHES IN A DYNAMIC RANDOM ACCESS MEMORY)))
	ASSIGI	NMENT:
	Enclosed for recording Previously recorded	
Date: _Reel:		
	· · · · · · · · · · · · · · · · · · ·	

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, 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 was filed on August 17, 2000, and assigned Application No. 09/641,881 and is entitled "METHOD AND SYSTEM FOR HIDING REFRESHES IN A DYNAMIC RANDOM ACCESS MEMORY"; 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;

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

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.

STATE OF IDAHO) ss.

County of ADA

BEFORE ME, this 19 day of March, 200 1, 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 executed the same of his own free will for the purpose therein expressed.

Page 2 of 4

Brian M. Shirley Date: 3/19/01
STATE OF IDAHO)
County of ADA) ss.
BEFORE ME, this 19 day of March, 2001, 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 executed the same of his own free will for the purpose therein expressed.
Notary or Consular Officer My Commission Expires 7/12/06
Kevin J. Ryan Date: 4/2/01
STATE OF IDAHO)) ss. County of <u>Ada</u>)
BEFORE ME, this Zalday of, 200, 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 executed the same of his own free SILL for the purpose therein expressed. SEAL Notary or Consular Officer My Commission Expires 3-36-0
My Commission Expires 3-36-0

Charl H Denni		Date:	3-22-01
Charles H. Dennison			
STATE OF CALIFORNIA)			
County of Santa Clara)	•		

BEFORE ME, this <u>sind</u> day of <u>March</u>, 200/, 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 executed the same of his own free will for the purpose therein expressed.

SEAL

HAE R. CHO!
Commission # 1167564
Notary Public — California
Santa Clara County
My Comm. Expires Jan 31, 2002

RECORDED: 05/01/2001

Notary or Consular Officer

My Commission Expires Jay -31-2002

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