Form PTO-1595 (Rev. 10/02) 10 20 3 RECC	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005) Tab settings	586908 🕌 🕌
	Please record the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies) Name: Micron Technology, Inc.
Mark Beaumont	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes V	
3. Nature of conveyance:	
Assignment Merger Security Agreement Change of Name	Street Address: 8000 S. Federal Way
Other	
	City: Boise State: ID Zip: 83707-0006
09/24/2003 Execution Date:	Additional name(s) & address(es) attached? Yes V No
4. Application number(s) or patent number(s): / / / / / / / / / / / / / / / / / / /	cation, the execution date of the application is:
Additional numbers att	ached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name:	7. Total fee (37 CFR 3.41)\$40
Internal Address:	✓ Enclosed
	Authorized to be charged to deposit account
	8. Deposit account number:
Street Address: Thorp Reed & Armstrong, LLP	20-0888
One Oxford Centre, 14th Floor, 301 Grant St.	20-0000
City: Pittsburgh State: PA Zip: 15219-1425	
DO NOT USE	THIS SPACE
9. Signature.	
Richard J. Coldren Rome of Person Signing	<u>Signature</u> 20 Oct 2003
Total number of pages including cove	er sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to: 10/24/2003 MBELETE1 00000001 10689345

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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Attorney's Docket No. DB001066-000	PATEN
	For: ☑ U.S. and/or ☑Foreign Rights For: ☑ U.S. Application or ☐ U.S. Provisional Application For: ☐ U.S. Patent For: ☑ PCT Application By: ☑ Inventor(s) or ☐ Present Owner
ASSIGNME	ENT OF INVENTION
In consideration of the payment by A (\$1.00), the receipt of which is hereby acknown consideration,	ASSIGNEE to ASSIGNOR of the sum of One Dollar owledged, and for other good and valuable
ASSIGNOR:	
Inventor(s) or person(s) or entity(ies) who own the invention (if assignment is by person or entity to be	Mark Beaumont (type or print name(s) of ASSIGNOR(S)) 30 Lorne Street Reading RG1 7YN Berkshire, UK Address U.K. Citizenship whom invention was previously assigned
and this was recorded in PTO, a	
Recorded on	ReelFrame
hereby sells, assigns and transfers to	
ASSIGNEE:	Micron Technology, Inc. (type or print name(s) of ASSIGNEE(S)) 8000 S. Federal Way Address

and the successors, assigns and legal representatives of the ASSIGNEE

Nationality

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PATENT REEL: 014623 FRAME: 0727

Boise, ID 83707-0006

(complete one of the following)

	X	the entire right, title and interest
		an undivided percent (%) interest for the
United St	ates ar	d its territorial possession
	(0	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 a		ovements which are disclosed in the invention entitled:
arry arra c	an ampi	Sychicitic which are discissed in the invention strategy
METHOD	FOR LO	DAD BALANCING A LINE OF PARALLEL PROCESSING ELEMENTS
N I	·	w/a) Marile Dagumant
name of	invento	r(s) <u>Mark Beaumont</u>
		(check and complete (a), (b), (c), (d), (e), (f) or (g))
and which		
•) 🗵	U.S. patent application executed on even date herewith
•) 🗆	U.S. patent application executed on
(с) 🗆	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, and
		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/
(f)		U.S. patent no issued
		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 also also (a)) if foreign and institute (a) is also beginned to
		(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
(9	,	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;

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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, I/We have hereunto set hand and seal this _____ day of

	Date of Signin	9	
	WARNING:	The date of signing must be a was checked above.	the same as the date of execution of the application, if item (a)
Date:	24-5	SEP-2003	Signature of ASSIGNOR(S)
Date:			
Date:			
Date:			
	(if A	ASSIGNOR is a legal enti	ty, complete the following information)
			(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)
			Title

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 Page Added.

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.

Suite 3 · Dudley House · Bracknell Berkshire RG12 1LL DX. 35609 Bracknell 20 0 1 , personally appeared the person(s) who is are described in, and who acknowledged to me that his
20 0 , personally appeared the person(s) who is are described in, and who acknowledged to me that his
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Brooker Grindre
y Public or Consular Officer of the Suite 3 · Dudley House · Bracks Berkshire RG12 1LL DX: 33603 Bracknell
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Haye du Oct. 5, 1961)
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10. Signature
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For: D	🛛 U.S.	and/or	⊠ Foreign	Rights
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For: U.S. Application or

☐ U.S. Provisional Application

For: ☐ U.S. Patent
For: ☐ PCT Application

By: ☑ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

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,

consideration,	
ASSIGNOR:	
Inventor(s) or person(s) or	Mark Beaumont
entity(ies) who own the invention	(type or print name(s) of ASSIGNOR(S))
	30 Lorne Street
	Reading
	RG1 7YN
	Berkshire, UK
	Address
	U.K.
	Citizenship
and this was recorded in PTC	ReelFrame
hereby sells, assigns and transfers to	
ASSIGNEE:	Micron Technology, Inc.
	(type or print name(s) of ASSIGNEE(S))
	8000 S. Federal Way
	Address
	Boise, ID 83707-0006
	Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

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(complete one of the following)

	×	the entire right, title			
		an undivided		percent (%) interest for the
United State	es and i	ts territorial possessior	n		
	(che	eck the following box, if	f foreign righ	ts are also to b	e assigned)
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Name of inv	entor(s) <u>Mark Beaumont</u>			
		(check and comple	ete (a), (b), (c), (d), (e), (f) or (g	g))
and which is			. 1		
(a)		U.S. patent application			
, ,		U.S. patent application			
(c)		entitled invention.			ventor(s) for the above
		Express mail lal Mailed:	bel no		
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	<u>.</u>				request my attorney to
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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;

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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. I/We have hereunto set hand and seal this

		·	
	Date of Signin	 . 19	
	WARNING:	The date of signing must be to was checked above.	he same as the date of execution of the application, if item (a)
Date:	24-	SEP-2003	Signature of ASSIGNOR(S)
Date:			
Date:			
Date:			
	(if A	SSIGNOR is a legal entit	y, complete the following information)
			(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)
	7		Title

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 Page Added.

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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.

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RECORDED: 10/20/2003