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Client Code: MICRON.402A

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

 Name of conveying party(ies): (List using letters or numbers for multiple parties) Partha Gajapathy Additional name(s) of conveying party(ies) attached? () Yes (X) No 	 2. Name and address of receiving party(ies): Name: Micron Technology, Inc. Address: 8000 South Federal Way Boise, ID 83707 Additional name(s) of receiving party(ies) attached? () Yes (X) No
 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) 16 May 2008 	 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 12/128,165 Filing Date: May 28, 2008 Additional numbers attached? () Yes (X) No
 Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: MICRON.402A 	 Total number of applications and patents Involved: 1
 7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account 	 Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
 Statement and signature. To the best of my knowledge and belief, the foregoin is a true copy of the original document. 	ng information is true and correct, and any attached copy

Michael S. Okamoto Name of Person Signing

Mill (Kamoto Signature

5/36/2018

Date

CH \$40.00 111410 12128165

47,831 Registration No.

Total number of pages including cover sheet, attachments and document: 3

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PATENT REEL: 021031 FRAME: 0725

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Application No.: <u>12/128,165</u> Filing Date: <u>May 28, 2008</u> PATENT Client Code: MICRON.402A Page 1

ASSIGNMENT

WHEREAS, I, Partha Gajapathy, an Indian citizen, residing at 2708 Garrett Drive, Highland Village, Texas 75077, have invented certain new and useful improvements in MEMORY DEVICE HAVING DATA PATHS for which we caused to be filed an application for Letters Patent in the United States; and I hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, to Insert here in parentheses (Application Number <u>12/128,165</u>, filed <u>May 28, 2008</u>) the filling date and application number of said application when known;

AND WHEREAS, Micron Technology, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise, ID 83707, desires to acquire the entire right, title, and Interest in and to said improvements and said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, tegel representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application including all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all relasues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby thal may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND I HEREBY covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

PATENT REEL: 021031 FRAME: 0726

Application No.: _____12/128,165 Filing Date: _____May 28, 200 Cilent Code: MICRON.402A May 28, 2008

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16th day of <u>MAY , 2008</u>.

P__________ Partha Gajapathy

PATENT

Page 2

STATE OF TELAS SS. COUNTY OF Collin

On <u>May 16, 2008</u>, before me, <u>Christie Paris</u>, notary public, personally appeared Partha Gajapathy personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within beta ment instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

	والمتحدثين والمتلجة ببراتها تستعد المجر والمفرج البين
AND THE OWNER WATER	CHRISTIE PARIS
1/27	Notery Public, State of Texas
\ 	My Commission Explines
1 ACVA	JUNE 21, 2009
8 Sa	

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RECORDED: 05/30/2008