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REEL: 020701 FRAME: 0938

	ecord the attached original documents or copy thereof.	
 Name of conveying party(ies): (List using letters or numbers for multiple parties) Timothy M. Hollis Additional name(s) of conveying party(les) attached? Yes No Nature of conveyance: Xasignment Security Agreement Merger Change of Name Other: Execution Date: (List as in section 1 if multiple signatures) 	 Name and address of receiving party(les): Name: Micron Technology, Inc. Address: 8000 South Federal Way Boise, ID 83707 Additional name(s) of receiving party(les) attached? Yes No 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 12/053,387 	
12 March 2008	(x) Patent Application No.: 12300,001 Filing Date: 21 March 2008 Additional numbers attached? () Yes (X) No 6. Total number of applications and patents	
 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.400A 	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. 	
is a true copy of the original document. <u>Michael S. Okamoto</u> Name of Person Signing 47,831 Registration No.		
Total number of pages including cove	ar sheet, attachments and document: 3	
Director, U.S. Patent P.O. E Alexandria, \	equired cover sheet information to: It Recordation Services t and Trademark Office Box 1450 VA 22313-1450 ber: (571) 273-0140	

Application No.:		3,387
Filing Date: Mar	ch 21	2000

Client Code: MICRON.400A Page 1

ASSIGNMENT

WHEREAS, I, Timothy M. Hollis, a U.S. citizen, residing at 2654 S. Velvet Falls Way. Meridian, Idaho 83642, have invented certain new and useful improvements in MIXED-MODE SIGNALING 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 $\frac{12}{053,391}$, filed <u>March 21,2010</u>) the filing 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, legal 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 therato, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues 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 that 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: 020701 FRAME: 0939 - Application No.: <u>12/053,367</u> Filing Date: <u>March 21, 2006</u> PATENT Client Code: MICRON.400A Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>12-</u> day of <u>March</u> 20<u>08</u>.

STATE OF Idaho } ss.

On <u>March 12-2008</u> before me, <u>Catherine L. Tine</u>, notary public, personally appeared Timothy M. Hollis 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 instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his 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.

Nøtarly Signature





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RECORDED: 03/24/2008