To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 1. Name of conveying partytes: CHRISTOPHER S. JOHNSON Additional name(s) of conveying partytes) S. 2 . 03 Additional name(s) of conveying partytes) S. 2 . 03 Nature of conveyance: Security Agreement Merger Merger Security Agreement Change of Name Additional name(s) & address(es) attached? Yes No Execution Date: 5/1/2003 4. Application number(s) or registration number(s): NEW APPLICATION If this document is being filed together with a new application, the execution date of the application is: 5/1/2003 A Patent Application No(s): NAME Additional numbers attached? Yes No 5. Name and address of party to whome correspondence concerning document should be mailed: Name: Jaison C. John Williams, Morgan & Amerson, P.C. 10333 Richmond, Suite 1100 City: Houston State: Texas Zip: 77042 Total face (37 C.F.R. 3.41) Security and patents involved: 1 DO NOT USE THIS SPACE Total number of papilications and patents involved: 2 Signature To the best of my knowledge and belief, the foregoing information frue and cogret and any attached copy is a true copy of the original document. May 21, 2003 Name of Person Signing, Reg. No. 50,737 Signature Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total number of pages including cover sheet, attachments and documents: 2 Total	FORM PTO-1595 (Rev. 6-93)	: 1	U.S Department of Commerce			
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NUMBER: EV 291 349 814 US DATE OF DEPOSIT: May 21, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

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PATENT REEL: 014104 FRAME: 0198

ASSIGNMENT

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 S. Federal Way, Boise, Idaho 83706, 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 has been executed by the undersigned concurrently herewith and is entitled "CONTROLLING MULTIPLE SIGNAL POLARITY IN A SEMICONDUCTOR DEVICE" 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;

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, 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 vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	CHRISTOPHER S. JOHNSON	Date:	May	<u>1,2003</u>	
STATE OF	Ddaho § Qda §				2 \
instrument	FORE ME, the undersigned authority, on this thristopher S. Johnson, known to me to be and acknowledged to me that he executed on therein expression therein expression therein expression that he executed the executed the executed that he executed	the same	of his	own free will	for the purposes and
[SEAL]	STATE	hau	Mlun Notary	ACCUDE L or Consular O	Japotu fficer

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