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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

1-31/92 EL465783064 101868531 To the Honorable Commissioner of Patents and unique original documents or copy thereof 2. Name and address of receiving party(ies): Name of Conveying Part(ies): Joel A. Drewes Micron Technology, Inc. Internal Address: Additional name(s) of conveying party(ies) attached? No Street Address: 800 South Federal Way 3. Nature of conveyance: Assignment Security Agreement City: Boise State: ID Zip: 83706-9632 □ Change of Name Merger □ Other Execution Date: September 18, 2001 Additional names(s) & address(es) attached:

Yes
No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: September 18, 2001 A. Patent Application No.(s): B. Patent No.(s) ☐ Yes Additional numbers attached: 6. Total number of applications and 5. Name and address of party to whom correspondence concerning document should be mailed: David G. Latwesen, Ph.D. Internal Address: Wells, St. John, Roberts, Gregory & Matkin P.S. ☐ Authorized to be charged to deposit account Street Address: 601 W. First Avenue, Ste. 1300 8. Deposit account number 23-0925 City: Spokane State: WA Zip: (Attach duplicate copy of this page if paying by deposit account) 00000231 230925 09966699 0/09/2001 DBYRNE DO NOT USE THIS SPACE 9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original documenty David G. Latwesen, Ph.D. Signature Name of Person Signing TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: OMB No. 0651-0011 (exp. 9/94) Do not detach this portion

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PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTOR:

Joel A. Drewes

ASSIGNEE:

Micron Technology, Inc. Corporation of the State of Delaware 8000 South Federal Way Boise, Idaho 83716

BACKGROUND OF THIS ASSIGNMENT:

INVENTOR has conceived certain new and useful inventions disclosed in a United States patent application titled "Methods of Forming Magnetoresistive Devices".

MICRON TECHNOLOGY, INC. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt sufficiency and adequacy of which is hereby acknowledged, INVENTOR hereby sells, assigns and transfers to ASSIGNEE the entire right and interest in the above-identified application executed concurrently with this assignment and to any reissues, renewals, divisions or continuations thereof, and hereby authorizes the

 Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTOR further agrees to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers required for the filing of any division, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the invention assigned hereby.

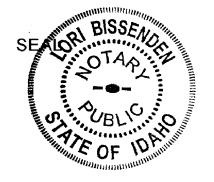
INVENTOR further assigns to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTOR agrees to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

INVENTOR further warrants and covenants 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 rights to convey the same as herein expressed is possessed by the undersigned.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignees.

Dated:	9-18-01	Signature:	Gal A. Der	
		_	Joel A. Drewes	

State of \underline{Fdaho}) county of \underline{Ada}) ss



Notary or Consular Officer

My Commission Expires: 6/

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RECORDED: 09/27/2001

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