



102432451

To the Honorable Commissioner of Patent:

1 original documents or copy thereof.

JCS957 U.S. PTO
10/418411
04/16/03

1. Name of conveying party(ies):

Eugene P. Marsh
Brenda D. Kraus

4-16-03

2. Name and address of receiving party(ies):

Name: MICRON TECHNOLOGY, INC.
Internal Address: Mail Stop 525

Street Address: 8000 S. Federal Way

City: Boise State: Idaho Zip: 83716

Additional name(s) and address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: April 15, 2003

10418411

4. 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: April 16, 2003

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin D. Martin
Internal Address: Patent Dept., Mail Stop 525
MICRON TECHNOLOGY, INC

Street Address: 8000 S. Federal Way

City: Boise State: Idaho Zip: 83716

6. Total number of application and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

13-3092

(Attach duplicate copy of this page if paying by deposit account)

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 document.

Kevin D. Martin

Kevin D. Martin

16-APR-03

Name of Person Signing

Signature

Date

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	§
Eugene P. Marsh	§ Group Art Unit: Not Assigned
Brenda D. Kraus	§
Serial No.: Not Assigned	§ Examiner: Not Assigned
	§
Filed: Concurrently Herewith	§ Atty. Docket: 2002-0717.00
	§
For: SURFACE TREATMENT OF AN OXIDE	§
LAYER TO ENHANCE ADHESION OF A	§
RUTHENIUM METAL LAYER	§
	§

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, ID 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 SURFACE TREATMENT OF AN OXIDE LAYER TO ENHANCE ADHESION OF A RUTHENIUM METAL LAYER; 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 that, 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 securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

