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TO THE ASSISTANT COMMISSIONER FO.

Record the attached original documents or copy thereof.

1. Name of conveying parties:

- 1. Terry L. Gilton
- 2. Troy R. Sorensen

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

2. Name and address of receiving party:

Name: MICRON TECHNOLOGY, INC.
Internal Address:
Street Address: 8000 South Federal Way
City: Boise State: ID ZIP: 83707-0006

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

3. Nature of conveyance:

- (X) Assignment
- () Merger
- () Security Agreement
- () Change of Name
- () Other:

Execution Date:

- 1. August 25, 1999
- 2. August 25, 1999

4. Application number(s) or Patent number(s):

(X) Application filed herewith
Execution Date: August 25, 1999

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

09/386124

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

Name: John R. King
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: MICRON.091A

7. Total fee (37 CFR 3.41): \$40

(X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

John R. King
Name of Person Signing

John R. King
Signature

8/30/99
Date

34,362
Registration No.

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

Mail documents to be recorded with required cover sheet information to:

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT


WHEREAS, We, Terry L. Gilton, a United States of America citizen, residing at 3149 East Nature Drive, Boise, Idaho 83706, Troy R. Sorensen, a citizen of the United States of America, residing at 6521 West Summer Hill, Boise, Idaho 83703, have invented certain new and useful improvements in a SYSTEM AND METHOD FOR ANALYZING A SEMICONDUCTOR SURFACE for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, MICRON TECHNOLOGY, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise Idaho 83707-0006, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application 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 we 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 the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

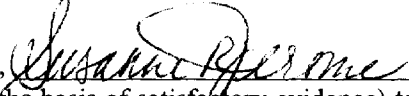
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications,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

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of August 1999.

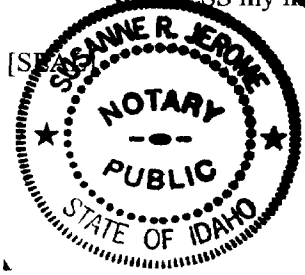


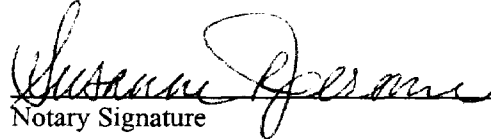
Terry L. Gilton

STATE OF IDAHO
COUNTY OF ADH] ss.

On 25 Aug 1999, before me, , personally appeared Terry L. Gilton, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.





Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of Aug 1999.

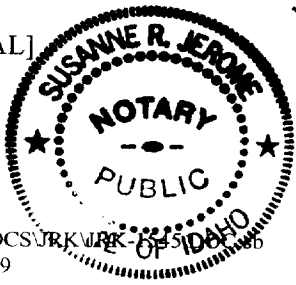

Troy R. Sorensen

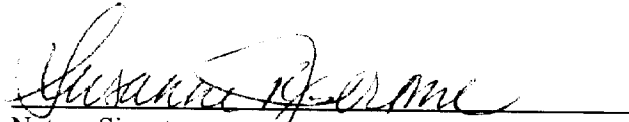
STATE OF IDAHO] ss.
COUNTY OF ADA]

On 25 Aug. 1999, before me, Susanne Jerome, personally appeared Troy R. Sorensen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

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