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DEPARTMENT OF COMMERCE
J.S. Patent and Trademark Office

To the Honorable Commissioner of Patent 102827919 1 documents or copy thereof

1. Name of conveying party(ies):
James M. Derderian (08/24/2004),
Bret K. Street (08/24/2004), and
Eric T. Mueller (08/24/2004)

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

2. Name and address of receiving party(ies)
Name: Micron Technology, Inc.
Internal Address: _____
Street Address: _____

8000 South Federal Way
P.O. Box 6

City: Boise
State: ID Zip: 83716-9632
Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: see Box 1, conveying parties

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

If this document is being filed together with a new application, the execution date of the new application is: August 24, 2004
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: David T. Dutcher
PERKINS COIE LLP
Internal Address: Attorney Docket No.: 108298802US
Street Address: _____
P.O. Box 1247

City: Seattle State: WA Zip: 98111-1247

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
 Authorized to be charged to credit card
(Form 2038 enclosed)
8. Deposit account number: 50-0665
(Attach duplicate copy of this page if paying by deposit account)

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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.

David T. Dutcher - 51,638 David Dutcher August 26, 2004
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 4

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ASSIGNMENT

THIS ASSIGNMENT is by James M. Derderian, Bret K. Street, and Eric T. Mueller (the "Assignors"), residing at 5309 S. Hayseed Way, Boise, Idaho 83716; 1366 N. Rutledge Avenue, Meridian, Idaho 83642; and 3303 S. North Church Place, Boise, Idaho 83706, respectively. We Assignors have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled "MICROELECTRONIC IMAGING UNITS AND METHODS OF MANUFACTURING MICROELECTRONIC IMAGING UNITS" (the "Application") and executed concurrently herewith.

Micron Technology, Inc., a corporation of the State of Delaware having a place of business at 8000 South Federal Way, P.O. Box 6, Boise, Idaho 83716-9632 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: 8/24/2004

James M. Derderian
James M. Derderian

STATE OF Idaho

COUNTY OF Ada

On August 24, 2004 before me, MARJORIE I. DUGDALE, personally appeared James M. Derderian, 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/she executed the same in his/her authorized capacity, and that by his/her 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.

Marjorie I. Dugdale
Signature
expires 11/2/2009

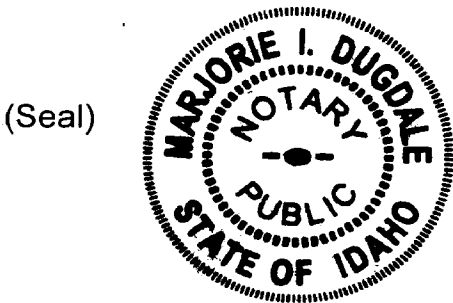
Date: 8/24/2004

Bret K. Street
Bret K. Street

STATE OF Idaho

COUNTY OF Ada

On August 24, 2004 before me, MARJORIE I. DUGDALE personally appeared Bret K. Street, 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/she executed the same in his/her authorized capacity, and that by his/her 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.

Marjorie I. Dugdale
Signature
expires 11/2/2009

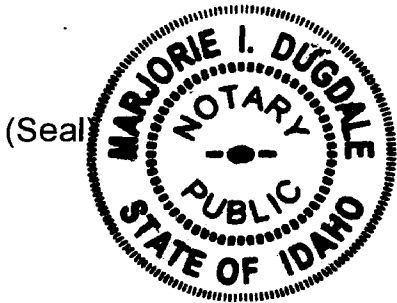
Date: 8/24/2004

Eric T. Mueller
Eric T. Mueller

STATE OF Idaho

COUNTY OF Ada

On August 24 2004 before me, MARJORIE I. DUGDALE personally appeared Eric T. Mueller, 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/she executed the same in his/her authorized capacity, and that by his/her 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.

Marjorie I. Dugdale
Signature
expires 4/12/2009
