

MKP 2.10.00 RECOR

03-17-2000



101291976

To the Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231
Unless filed with a new application, mail to: BOX ASSIG.

documents or copy thereof.

1. Name of conveying party(ies):
Randle D. Burton; John H. Givens
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Micron Technology, Inc.
Address: 800 S. Federal Way
Boise, Idaho 83706
Additional name(s) & address(es) attached? Yes No
CERTIFICATE OF MAILING

RECEIVED
FEB 10 AM 9:40
OPER/FINANCE

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: June 3, 1998 and June 2, 1998

I hereby certify that this paper or fee along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.
February 7, 2000
Date of Deposit
Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)
Joseph A. Walkowski
Typed/printed name of person whose signature is contained above

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:
A. U.S. Patent Application No.(s)
09/063,516
Additional numbers attached? Yes No

B. U.S. Patent No.(s)

5. Name and address of party to whom correspondence concerning this document should be mailed:
Name: Joseph A. Walkowski
Trask, Britt & Rossa
P.O. Box 2550
Salt Lake City, UT 84110-2550
Attorney Docket No. 3453.2US (97-588)

6. Total number of U.S. applications and U.S. patents involved:
1
7. Total fee (37 C.F.R. § 3.41) \$ 40.00
(\$40.00 times number in box 6)
Check no. 13169 is enclosed in this amount.
8. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to deposit account number 20-1469.

03/16/2000 JSHADAZZ 06000179 09063516
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct.
Joseph A. Walkowski
Name of Person Signing
Reg. No. 28.765
Signature
Date
2/7/2000
Total number of pages including cover sheet, attachments and document: 7

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 8000 So. 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 Serial No. 09/063,516 filed on April 21, 1998, and entitled HIGH ASPECT RATIO METALLIZATION STRUCTURES FOR SHALLOW JUNCTION DEVICES, AND METHODS OF FORMING THE SAME, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined 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 made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into 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, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the

ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE and ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

Randle D. Burton

Date _____

John H. Givens

John H. Givens

Date 6/2/98

STATE OF _____)

: ss.

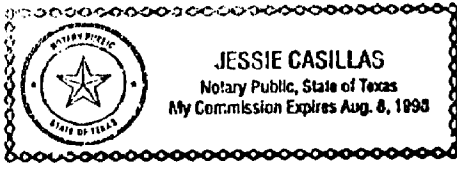
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 1998, personally appeared Randle D. Burton, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

STATE OF Texas)
 : SS.
COUNTY OF Brewer)

BEFORE ME, the undersigned authority, on this 2nd day of June, 1998,
personally appeared John H. Givens, known to me to be the person whose name is
subscribed to the foregoing instrument and acknowledged to me that he executed the same of
his own free will for the purposes and consideration therein expressed.



Jessie Casillas
Notary or Consular Officer

PATENT

Attorney Docket No. 3453US

ASSIGNMENT

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