

08-14-2003



To the Honorable Commissioner of Patent.

102524640

original documents or copy thereof.

1. Name of conveying party(ies):
Bradley J. Howard

*APD
8-1-03*

2. Name and address of receiving party(ies)

Name: Micron Technology, Inc.

Address: Mailstop 525, 8000 South Federal Way,
Boise, ID 83706

Additional Name(s) & address(es) attached? Yes No

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 11, 2003

CERTIFICATE OF MAILING

Express Mail Label Number: EV348042855US

Date of Deposit: August 1, 2003

Person Making Deposit: Matthew Wooton

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: July 11, 2003

A. Patent Application No.(s)

B. Patent No.(s)

10632628

Additional numbers attached? Yes No

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

Name: TraskBritt

Internal Address: _____

8/13/2003 ECDOPER 00000225 10632628

0 FC:8021

40.00 OP

Street Address: P.O. Box 2550

City: Salt Lake City State: UT Zip: 84110

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

8. Deposit account number:

20-1469

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

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9. Statement and signature.

Attorney Docket No.: 2269-5862US (02-1563.00/US)

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 K. Johanson

Name of Person Signing
Reg. No. 38,506

Signature

August 1, 2003

Date

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

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

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

03915 U.S. PTO
10/632628

08/01/03

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 Mailstop 525, 8000 South 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 each undersigned ASSIGNOR concurrently herewith and is entitled **MULTI-FREQUENCY PLASMA REACTOR AND METHOD OF ETCHING**, 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.

ASSIGNOR:

Bradley J Howard

Bradley J. Howard
Residing at: 5694 Schooner Way, Boise, Idaho 83716

Date July 11, 2003

COUNTY OF _____)
: ss.
STATE OF _____)

On this 11 day of July, 2003, before me personally appeared Bradley J. Howard to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Susanne R. Jerome
Notary Public in and for said County and State

My Commission Expires:

3/12/08

Document in ProLaw