

12-11-2002



102307952

To the Honorable Commissioner of Patents

Remarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a. Howard E. Rhodes  
b. Richard H. Lane

12-9-02

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ License  
☐ Other \_\_\_\_\_

Execution Date: a. October 23, 2002; b. October 22, 2002

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

Name: Micron Technology, Inc.

Street Address: 8000 South Federal Way

City: Boise State: ID ZIP: 83707

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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. Patent Application No.  
10/230,887

B. Patent No(s).

Title: METHOD FOR FORMING CONDUCTIVE MATERIAL IN OPENING AND STRUCTURE REGARDING SAME

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark J. Gebhardt  
Address: MUETING, RAASCH & GEBHARDT, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415

Customer Number 26813

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. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895

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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 an original or a true copy of the original document.

Mark J. Gebhardt  
Name of Person Signing

[Signature]  
Signature

4 Dec 2002  
Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner, United States Patent and Trademark Office  
Box Assignments  
Washington, D.C. 20231

12/11/2002 6TOM11 00000013 10230887

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## ASSIGNMENT

Whereas We, Howard E. Rhodes and Richard H. Lane, with residences and citizenships as indicated below; have made an invention in

**METHOD FOR FORMING CONDUCTIVE MATERIAL IN OPENING  
AND STRUCTURE REGARDING SAME**

Filed: August 29, 2002

Serial No.: 10/230,887

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Micron Technology, Inc. ("Company"), a corporation of Delaware, having its principal office at 8000 South Federal Way, Boise, Idaho, 83707, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any continued prosecution application, divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Micron Technology, Inc. as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

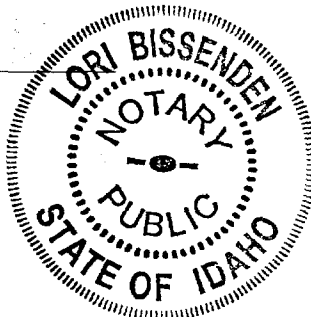
Howard E. Rhodes  
Name: Howard E. Rhodes  
Address: 631 E. Ridgefield Drive Boise, Idaho 83706  
Citizenship: US

10/23/02  
Date

STATE OF Idaho )  
COUNTY OF Ada ) ss.

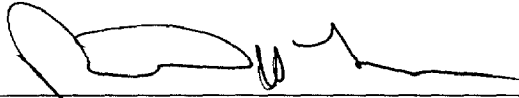
On this 23<sup>rd</sup> day of October 2002, before me personally appeared Howard E. Rhodes, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Lori Bissenden  
Notary Public



Serial No. 10/230,887

Filed: August 29, 2002

For: METHOD FOR FORMING CONDUCTIVE MATERIAL IN OPENING AND STRUCTURE REGARDING SAME10/22/02

Date

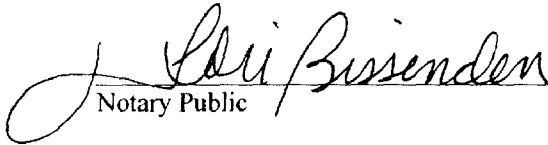
Name: Richard H. Lane

Address: 204 W. State Street, Boise, Idaho, 83702

Citizenship: US

STATE OF Idaho )  
COUNTY OF Ada ) ss.

On this 22<sup>nd</sup> day of October 2002, before me personally appeared Richard H. Lane,  
to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same  
for the uses and purposes therein set forth.

  
Notary Public