



To the Honorable Commissioner of Patent

102537194

original documents or copy thereof.

22366 U.S. PTO
10/645710



1. Name of conveying party(ies):
Michael T. Andreas
Paul A. Morgan

8.21.03

2. Name and address of receiving party(ies)

Name: Micron Technology, Inc.

Address: 8000 South Federal Way, Boise, Idaho
83707-0006

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 21, 2003

CERTIFICATE OF MAILING

Express Mail Label Number: EV325772264US

Date of Deposit: August 21, 2003

Person Making Deposit: Chris Haughton

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

10645710

If this document is being filed together with a new application, the execution date of the application is: July 21, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: TraskBritt

Internal Address: _____

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)

08/27/2003 DRYRNE 00000004 10645710

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DO NOT USE THIS SPACE

9. Statement and signature.

Attorney Docket No.: 2269-5663US (02-1325.00/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.

Katherine A. Hamer
Name of Person Signing
Reg. No. 47,628

Katherine A. Hamer
Signature

August 21, 2003
Date

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

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

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 South Federal Way, Boise, Idaho 83707-0006, 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 **WAFER CLEANING METHOD AND RESULTING WAFER**, 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;

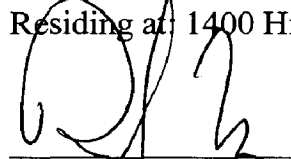
AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:



Date July 21, 2003

Michael T. Andreas
Residing at: 1400 Hill Road, Boise, ID 83702

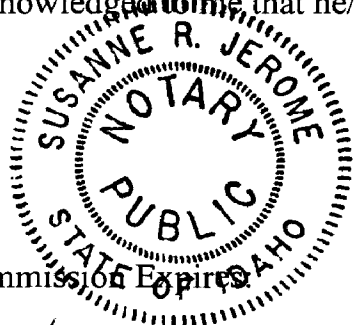


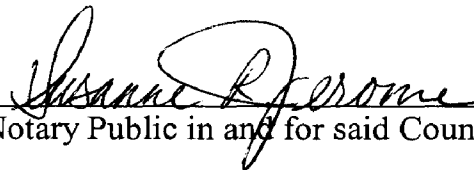
Date 7/21/03

Paul A. Morgan
Residing at: 12768 S. Cloverdale Road, Kuna, ID 83634

COUNTY OF ADA)
: ss.
STATE OF IDAHO)

On this 21 day of July, 2003, before me personally appeared Michael T. Andreas 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.

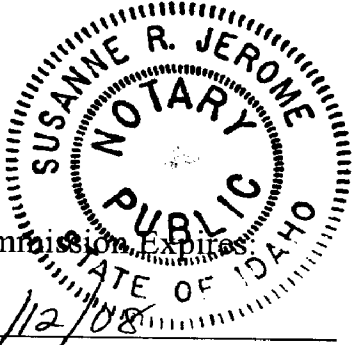



Notary Public in and for said County and State

My Commission Expires
3/12/08

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: ss.
STATE OF IDAHO)

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

Document in ProLaw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andreas et al. **Examiner:** Unknown
Serial No.: Not Yet Assigned **Group Art Unit:** Unknown
Filed: **Attorney Docket No.:** 2269-5663US (02-1325.00/US)
Title: WAFER CLEANING METHOD AND RESULTING WAFER

**POWER OF ATTORNEY BY ASSIGNEE
 AND CERTIFICATE UNDER 37 CFR § 3.73(b)**

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

MICRON TECHNOLOGY, INC., assignee of the entire right, title and interest by assignment from the inventor(s) in the above-identified application, hereby appoints the following attorneys and agents:

David V. Trask, Reg. No. 22,012	William S. Britt, Reg. No. 20,969	Laurence B. Bond, Reg. No. 30,549
Joseph A. Walkowski, Reg. No. 28,765	James R. Duzan, Reg. No. 28,393	H. Dickson Burton, Reg. No. 48,396
Allen C. Turner, Reg. No. 33,041	Edgar R. Cataxinos, Reg. No. 39,931	Kent S. Burningham, Reg. No. 30,453
Brick G. Power, Reg. No. 38,581	Kevin K. Johanson, Reg. No. 38,506	Krista Weber Powell, Reg. No. 47,867
Shawn G. Hansen, Reg. No. 42,627	Bretton L. Crockett, Reg. No. 44,632	Tawni L. Wilhelm, Reg. No. 47,456
Bradley B. Jensen, Reg. No. 46,801	Andrew F. Nilles, Reg. No. 47,825	Greg T. Warder, Reg. No. 50,208
Katherine A. Hamer, Reg. No. 47,628	Marcus S. Simon, Reg. No. 50,258	Trent N. Butcher, Reg. No. 51,518
G. Scott Dorland, Ph.D., Reg. No. 51,622	Michael L. Lynch, Reg. No. 30,871	Charles B. Brantley II, Reg. No. 38,086

as its attorneys with full power of substitution to prosecute this application and all applications claiming filing date priority therefrom and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

The above-identified assignee hereby elects, pursuant to 37 C.F.R. § 3.71, to conduct the prosecution of the above-identified patent application to the exclusion of the inventor(s).

A chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee is shown:

- In an assignment recorded in the U.S. Patent and Trademark Office at Reel _____, Frame _____.
 In an assignment filed herewith for recordation, a true copy of which is attached hereto.

The undersigned has reviewed the above-identified assignment and, to the best of his knowledge and belief, title is in the above-identified assignee.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the above-identified assignee, and to take the action set forth herein on its behalf.


Please direct all communications regarding the above-identified application to:

Katherine A. Hamer,
 TRASKBRITT
 P.O. Box 2550
 Salt Lake City, UT 84110
 Telephone: (801) 532-1922
 Fax: (801) 531-9168

Respectfully submitted,

MICRON TECHNOLOGY, INC.

Date: 8-23-03

By: 
 Michael L. Lynch, Esq.
 Reg. No. 30,871
 Chief Patent Counsel,
 MICRON TECHNOLOGY, INC.

Document in ProLaw

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T

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ASSIGNORS:

[Handwritten signature of Michael T. Andreas]

Michael T. Andreas
Residing at: 1400 Hill Road, Boise, ID 83702

Date July 21, 2003

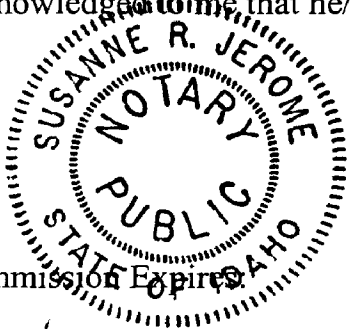
[Handwritten signature of Paul A. Morgan]

Paul A. Morgan
Residing at: 12768 S. Cloverdale Road, Kuna, ID 83634

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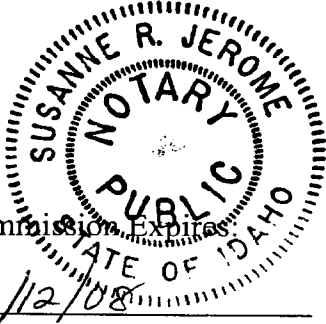


[Handwritten signature of Susanne R. Jerome]
Notary Public in and for said County and State

My Commission Expires
3/12/08

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