

Patent

03-30-2001

Docket No. MTI-31043



101653492

To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.

1. Name of conveying party

Kie Y. Ahn
Leonard Forbes

2. Name and address of receiving party

Name: Micron Technology, Inc.

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

Street Address: 8000 S. Federal Way

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

City: Boise State: ID ZIP: 83706-9632

Execution Date: March 12, 2001

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 March 14, 2001 and the application is being sent via Express Mail having Express Mail Label No. EL700460893US and is identified as Attorney Docket No. MTI-31043.

A. Patent Application No.(s)

B. Patent No.(s)

09809670

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kristine M. Strodthoff

6. Total number of applications and patents involved: One (1)

7. Total fee \$40.00

Internal Address: Whyte Hirschboeck Dudek S.C.

☒ Enclosed

Street Address: 111 East Wisconsin Avenue
Suite 2100

☐ Authorized to be charged to Deposit Account

8. Deposit Account Number:

City: Milwaukee State: WI ZIP: 53202

23-2053

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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.

Kristine M. Strodthoff
Name of Person Signing

Kristine M. Strodthoff
Signature

March 14, 2001
Date

Total number of pages including cover sheet: Seven (7)

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04 FC:581

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For: ☒ U.S. Application-or ☐ U.S. Provisional Application
For: ☒ U.S. Patent For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present-Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Kie Y. Ahn

Inventor(s) or person(s) or entity(ies) who own the invention

639 Quaker St.

Chappaqua, NY 10514

Address

Nationality U.S.A.

Leonard Forbes

Inventor(s) or person(s) or entity(ies) who own the invention

Lucera Apts., #5305

7180 Shoreline Drive

San Diego, CA 92100-4902

Address

Nationality U.S.A.

hereby sells, assigns and transfers to

ASSIGNEE:

Micron Technology, Inc.

Inventor(s) or person(s) or entity(ies) who own the invention

8000 S. Federal Way

Boise, Idaho 83706-9632

Address

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

☒ the entire right, title and interest

☐ an undivided percent (%) interest for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority in and to any and

all improvements which are disclosed in the invention entitled:

**Barrier-Metal-Free Copper Damascene Technology
Using Atomic Hydrogen Enhanced Reflow**

and which is found in (37 C.F.R. § 3.21)

- (a) ☒ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on _____.
- (c) ☐ U.S. provisional application number _____ filed on __ naming the
above inventor(s) for the above-entitled invention
- ☐ Express mail label no.:

Mailed: _____

- ☐ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney to insert
below the filing date and application number when they become known.
- (d) ☐ U.S. application no. _____ filed on _____
- (e) ☐ International application no. _____ PCT/ filed on _____
- (f) ☐ U.S. patent no. _____ issued _____
- ☐ A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or
re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or
will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date indicated below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: March 12, 2001 Kie Y Ahn
Kie Y. Ahn

Subscribed and sworn to before me
this 12th day of March, 2001.

Margaret T. DiRenno
Notary Public State of New York
My Commission Expires: 03/30/01

MARGARET T. DIRENNO
Notary Public, State of New York
No. 60-4790831
Qualified in Westchester County
Commission Expires 03/30/ 2001

Date: _____
Leonard Forbes

Subscribed and sworn to before me
this _____ day of _____, 2001.

Notary Public State of _____
My Commission Expires: _____

For: ☒ U.S. and/or ☒ Foreign-Rights
 For: ☒ U.S. Application-or ☐ U.S. Provisional Application
 For: ☒ U.S. Patent For: ☐ PCT Application
 By: ☒ Inventor(s) or ☐ Present-Owner

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ASSIGNORS:

Kie Y. Ahn

Inventor(s) or person(s) or entity(ies) who own the invention

639 Quaker St.

Chappaqua, NY 10514

Address

Nationality _____

Leonard Forbes

Inventor(s) or person(s) or entity(ies) who own the invention

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Boise, Idaho 83706-9632

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 (complete one of the following)

☒ the entire right, title and interest

☐ an undivided percent (%) interest for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority in and to any and

all improvements which are disclosed in the invention entitled:

**Barrier-Metal-Free Copper Damascene Technology
Using Atomic Hydrogen Enhanced Reflow**

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claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any
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IN WITNESS WHEREOF, We have hereunto set hand and seal on the date indicated below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: _____

Kie Y. Ahn

Subscribed and sworn to before me
this _____ day of _____, 2001.

Notary Public State of _____
My Commission Expires: _____

Date: 12 MAR 2001

Leonard Forbes

Subscribed and sworn to before me
this 12TH day of MARCH, 2001.

Notary Public State of CALIFORNIA
My Commission Expires: MAY 27, 2004

