

03-08-2000

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TO THE ASSISTANT COMMISSIONER F

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Mail documents or copy thereof.

jc135 U.S. PTO
09/503105
02/11/00

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- a. Zhiping Yin
b. Eden Zielinski
c. Fred Fishburn

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

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

Name: Micron Technology, Inc.

Internal Address:

Street Address: 8000 South Federal Way

City: Boise State: Idaho ZIP: 83707

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- a. January 27, 2000
b. February 2, 2000
c. January 27, 2000

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

(X) Application(s) filed herewith
Execution Date(s): February 2, 2000() Patent Application No.:
Filing Date:() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Michael H. Trenholm
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: MICRON.130A

7. Total fee (37 CFR 3.41): \$40.00

E

(X) Enclosed
()

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Michael H. Trenholm
Name of Person Signing

Signature

Date

37,743
Registration No.

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

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

03/07/2000 DNGUYEN 00000119 09503105

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40.00 DP

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 010586 FRAME: 0693

ASSIGNMENT

WHEREAS, we, Zhiping Yin, a citizen of the People's Republic of China, residing at 1462 East Regatta Street, Boise, ID 83706, Eden Zielinski, a citizen of Canada, residing at 4056 S. Federal Way, #G102, Boise, ID 83716 and Fred Fishburn a United States of America citizen, residing at 1213 Harrison Blvd., Boise, ID 83702 have invented certain new and useful improvements in a LOW TEMPERATURE NITRIDE USED AS CU BARRIER LAYER which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Micron Technology, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise, ID 83707, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27th day of Jan. 192000

Zhiping Yin
Zhiping Yin

STATE OF IDAHO

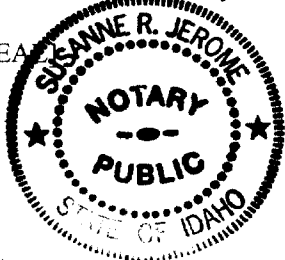
COUNTY OF ADA

ss.

On 27 Jan 2000, before me, Susanne R. Jerome, personally appeared Zhiping Yin personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Susanne R. Jerome
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of February ²⁰⁰⁰19.

Eden Zielinski
Eden Zielinski

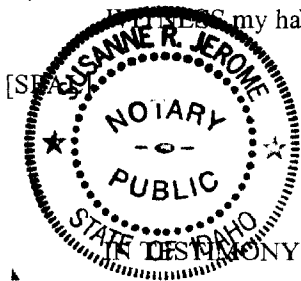
STATE OF IDAHO

COUNTY OF ADA

SS.

On 2 Feb, 2000, before me, Susanne R. Jerome, personally appeared Eden Zielinski personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Susanne R. Jerome
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of Jan 2000

Fred Fishburn
Fred Fishburn

STATE OF IDAHO

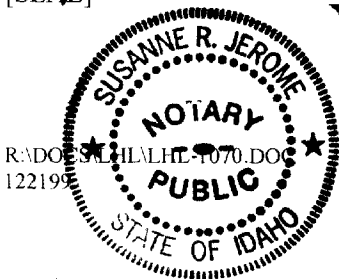
COUNTY OF ADA

SS.

On 27 Jan 2000, before me, SUSANNE R. JEROME, personally appeared Fred Fishburn personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Susanne R. Jerome
Notary Signature