

MEMO 3-17-98

Client Code: JIAN32.001AUS

04-06-1998

REC



1

U.S. PTO  
09/042855  
03/17/98

TO THE ASSISTANT COMMISSIONER FOR PATENTS. 100674766

1 documents or copy thereof.

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

- 1. Bing-Chang Wu
- 2. Cheng-Hui Chung

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

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

Name: United Microelectronics Corp.

Internal Address:

Street Address: of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsin-Chu, TAIWAN, R.O.C.

City: State: ZIP:

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)  
1. January 6, 1998 2. January 7, 1998

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

(X) Application(s) filed herewith  
Execution Date(s): January 6, 1998

( ) 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: William B. Bunker  
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.: JIAN32.001AUS

7. Total fee (37 CFR 3.41): \$40

- (X) Enclosed
- (X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

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.

William B. Bunker  
Name of Person Signing

Signature

3/17/98  
Date

29,365  
Registration No.

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

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

03/27/1998 SSMITH 00000099 09042855  
01 FC:581 40.00 OP

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

WBB-7026 tn  
031798

KNOBBE, MARTENS, OLSON & BEAR, LLP  
620 NEWPORT CENTER DR. 16TH FLOOR NEWPORT BEACH, CA 92660  
(714) 760-0404 FAX (714) 760-9502

REEL: 9058 FRAME: 0234

# ASSIGNMENT

WHEREAS, (1) Bing-Chang Wu                      (2) Cheng-Hui Chung

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: METHOD FOR MANUFACTURING TRANSISTOR BARRIER LAYER

Filed:    Serial No.

Executed concurrently with the execution of this instrument

WHEREAS, United Microelectronics Corp., of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

# ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Bing Chang Wu  
Signature

1998. 1. 6.  
date

Cheng-Hui Chung  
Signature

1. 7. 98  
date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
date