

Client Code: JIAN3.001AUS

05-14-1998

RE



HEET

TO THE ASSISTANT COMMISSIONER

100710169

original documents or copy thereof.

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

(1) Meng-Jin Tsai (2) Cheng-Han Huang  
(3) Te-Chuan Liao (4) Chen-Wei Lee

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

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

Name: United Microelectronics Corporation  
Internal Address:  
Street Address: No. 3, Li-Hsin Rd. 11  
Science-Based Industrial Park  
City: Hsin-Chu Country: TAIWAN, R.O.C.

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) September 17, 1997 (2) September 12, 1997  
(3) September 12, 1997 (4) September 17, 1997

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

( ) Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 08/989,757  
Filing Date: December 12, 1997

( ) 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.: JIAN3.001AUS

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

(X) Enclosed  
( ) Authorized to be charged to deposit account

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: One

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

Date

29,365  
Registration No.

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

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

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

JOH-2028:sw  
042998

KNOBBE, MARTENS, OLSON & BEAR, LLP  
620 NEWPORT CENTER DRIVE, 16TH FLOOR, NEWPORT BEACH, CA 92660  
(949) 760-1400 FAX (949) 760-9502

PATENT  
REEL: 9155 FRAME: 0993

01-30-1998



SHELF

100617893

TO THE ASSISTANT COMMISSIONER FOR PATENTS. Please record the attached original documents or copy thereof.

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

1. Meng-Jin Tsai
2. Cheng-Han Huang
3. Te-Chuan Liao
4. Chen-Wei Lee

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 ( ) Yes (X) No

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4. December 17, 1997

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

(X) Application(s) filed herewith  
 Execution Date(s): December 17, 1997/December 12, 1997

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 Filing Date:

( ) Patent No.:  
 Issue Date:

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**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.:** JIAN3.001AUS

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

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 Name of Person Signing

Signature

Date

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 Registration No.

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

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 Box Assignments  
 Washington, D.C. 20231

KNOBBE, MARTENS, OLSON & BEAR, LLP  
 620 NEWPORT CENTER DRIVE, TENTH FLOOR, NEWPORT BEACH, CALIFORNIA 92660  
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REEL: 9155 FRAME: 0994

JCS46 U.S. PTO  
 08/989757



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01/29/1998 TTOK11 01 FC:581

PATENT

MPD 12-12-97

# ASSIGNMENT

WHEREAS, (1) Meng-Jin Tsai (2) Cheng-Han Huang  
(3) Te-Chuan Liao (4) Chen-Wei Lee

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: MANUFACTURING METHOD OF DOUBLE SPACER STRUCTURE FOR MIXED-MODE IC

☐ 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.

Te-Chuan Liao  
Signature

9/12/97  
date

Cheng Han Liao  
Signature

9/12/97  
date

Te-Chuan Liao  
Signature

9/12, 1997  
date

Chen-wai Lee  
Signature

9/12, 1997  
date