

08-11-1999

PATENT

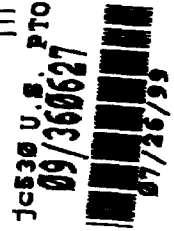
Docket No.: NAU-052



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

7-26-99

RECORDING COVER SHEET



1. Assignor: Kun-Chih Wang Chao-Ching Hsieh
2. Assignee: UNITED MICROELECTRONICS CORP.  
No.3, Li-Hsin Road 2,  
Science-Based Industrial Park,  
Hsin-Chu, Taiwan, R.O.C.
3. Nature of Conveyance: Assignment of patent
4. Reference number: Application filed herewith. 09/360627
5. Correspondence to: Winston Hsu  
3F, No. 52, Lane 46, Min-Sheng Rd.,  
Yung-Ho City, Taipei Hsien,  
Taiwan, R.O.C.
6. Number of applications affected by this recording: 1  
Total fee: ( 1 x \$ 40 ) = \$ 40.00 Payment by check enclosed  
Authorization is hereby given to charge the over payment to deposit account #500801
7. Execution date of the document to be recorded: 07/14 /1999
8. Total number of pages including cover sheet: 3
9. I declare under penalty of perjury that to the best of my knowledge and belief, the information contained on this cover sheet is true and correct, and that any copy submitted herewith is a true and correct copy of the original document.

40E

Date: 7/15/1999

Winston Hsu

Winston Hsu  
U.S. Patent Agent  
Reg. No.:41,526

**ASSIGNMENT OF INVENTION**

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 (Inventors):**

Name: Kun-Chih Wang Nationality: R.O.C.

Address: 2F, No.52, Tung-Te 7 St., Tao-Yuan City, Taiwan, R.O.C.

Name: Chao-Chung Hsieh Nationality: R.O.C.

Address: 2F, No.143, Community 7, Shang-Shan Tsun, Chiung-Lin, Hsin-Chu  
Hsien, Taiwan, R.O.C.

Name: \_\_\_\_\_ Nationality: \_\_\_\_\_

Address: \_\_\_\_\_

Name: \_\_\_\_\_ Nationality: \_\_\_\_\_

Address: \_\_\_\_\_

Hereby sells, assigns and transfers to **UNITED MICROELECTRONICS CORP.**  
(hereinafter "Assignee"), of (Assignee address) **No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C.**, and the successors assigns and legal representatives of the ASSIGNEE the entire right, title, and interest in and to any and all improvements which are disclosed in the invention entitled:  
**" Method of forming a lower electrode of a capacitor in a DRAM cell "**

Which is found in :

- (a) \_\_\_\_\_ U.S. patent application executed on even date herewith
- (b) \_\_\_\_\_ U.S. patent application executed on \_\_\_\_\_
- (c) \_\_\_\_\_ U.S. application serial no. \_\_\_\_\_
- (d) \_\_\_\_\_ patent no. \_\_\_\_\_ issued \_\_\_\_\_

and, in and to, all Letters Patent to be obtained for said invention by the above application or ant 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 proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 7/14/99 (Date of signing).

(Type name of inventor)

**Signature of INVENTOR**

Kun-Chih Wang

Kun-Chih Wang

Chao-Ching Hsieh

Chao-Ching Hsieh

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