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EXPRESS MAIL NO.: EL52715417145

U.S. DEPARTMENT OF COMMERCE



101238133

1. Name of Party(ies) conveying party(ies)

SHU-YA CHUANG

Additional Name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Names and address of party(ies) receiving an interest

Name: UNITED MICROELECTRONICS CORP.

Internal Address: _____

Street Address: NO. 3, LI-HSIN RD. II, SCIENCE-BASED INDUSTRIAL PARKCity: HSINCHU State: _____ Zip: _____
TAIWAN, R.O.C.

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: DEC. 1, 1999

4. Application number(s) or patent number(s): N / A

If this document is being filed together with a new application, the execution date of the application is:

DEC. 1, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: CHARLES C.H. WU

Internal Address:

01/04/2000 JSHABAZZ 00000039 0946668501 EC:58140.00 00Street Address: 2030 MAIN STREETSUITE 1050City: IRVINE State: CA Zip: 92614-7254

6. Total Number of applications and registrations involved: [1]

7. Total fee (37 CFR 2.6(b)(6)) [\$40.00]

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.

CHARLES C.H. WU

Name of Person Signing

Signature

DEC. 20, 1999

Date

Total number of pages including cover sheet, attachments, and document: [4]

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

Commissioner of Patents and Trademarks, Box Assignments

ASSIGNMENT

WHEREAS,

1. Shu-Ya Chuang

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 OF MANUFACTURING DYNAMIC RANDOM ACCESS MEMORY**

☐ 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, Hsinchu, 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.

Signature: *Shu-Ya Chuang*
Sole or First Joint Inventor: Shu-Ya Chuang

Date: *DEC. 1, 1999*