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FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Wei-Ray LIN**

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

**NANYA TECHNOLOGY CORPORATION  
336, Sec. 1, Nankan Road, Luchu, Taoyuan, Taiwan, R.O.C.**

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other: \_\_\_\_\_
- Merger
- Change of Name

Execution Date(s): **June 3, 1999**

jc658 U.S. PTO  
09/562183  
05/02/00

09/562183

Application number(s) or patent number(s): \_\_\_\_\_

This document is being filed together with a new application:

(a) The execution date(s) of the application is/are: **herewith**

(b) The title is: **METHODS FOR PRODUCING CAPACITOR-NODE CONTACT PLUGS OF DYNAMIC RANDOM-ACCESS MEMORY**

\*\*\* OR \*\*\*

This document is being filed after filing of the application:

- (a) Patent Application No(s). \_\_\_\_\_ filed \_\_\_\_\_ or
- (b) Patent No(s). \_\_\_\_\_, issued \_\_\_\_\_

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

**GEORGE T. MARCOU  
KILPATRICK STOCKTON LLP  
700 13th Street, N.W., Suite 800  
Washington, D.C. 20005**

Our Docket: **TOP0014**

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account.

8. Deposit Account No.: **11-0855** (Any underpayment is authorized to be charged to this Deposit Account)  
(Attach duplicate copy of this page if paying by deposit account)

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.*

**George T. Marcou, Reg. No. 33,014**  
Name of Person Signing

Signature

Date

*May 2, 2000*

Total number of pages including cover sheet, attachment and document: 2

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# ASSIGNMENT

WHEREAS, Wei-Ray LIN  
hereafter 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: METHODS FOR PRODUCING CAPACITOR-NODE CONTACT PLUGS OF DYNAMIC RANDOM-ACCESS MEMORY

Filed: \_\_\_\_\_ Serial No. \_\_\_\_\_

Executed on: 6/3/1999

WHEREAS, NANYA TECHNOLOGY CORPORATION of 336, SEC. 1, NANKAN RD., LUCHU, TAOYUAN, 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.

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

Wei-Ray LIN  
Wei-Ray LIN

6/3/1999  
Date: