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Page 1

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### RECORDATION FORM COVER SHEET

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To the Honorable Commissioner of Patents and Trademarks:  
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2. Name of conveying party(ies):  
**Tie Jiang WU; Chien-Chang HUANG; Bo Ching JIANG; Yu-Wei TING; Chin-Ling HUANG**  
Additional name(s) of conveying parties attached?  
 Yes  No

2. Name and address of receiving party(ies)  
Name: **Nanya Technology Corporation**  
Internal Address:  
Street Address: **Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan**  
City: **Taoyuan** State: Zip:  
Country: **Taiwan**  
Additional names(s) & address(es) attached?  
 Yes  No


3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of name  
 Other:  
Execution Date: **6/16/2003**

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the new application is:  
**6/16/2003**  
A. Patent Application No.(s): **10613175**  
**NEW**  
B. Patent No.(s):  
Additional numbers attached?  Yes  No

2. Name and address of party to whom correspondence concerning this document should be mailed.  
Name: **Quintero Law Office**  
Street Address: **1617 Broadway, 3<sup>rd</sup> Floor**  
City: **Santa Monica** State: **CA** Zip: **90404**

6. Total number of applications and patents involved: **1**  
7. Total fee (37 C.F.R. 3.41): \$40  
Enclosed  
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9. Signature.  
**Nelson A. Quintero, #52,143**  **July 3, 2003**  
Name of person signing Signature Date

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

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PATENT  
REEL: 014270 FRAME: 0138

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ASSIGNMENT

ER262805295US

WHEREAS, Tie Jiang WU, Chien-Chang HUANG, Bo Ching JIANG, Yu-Wei TING and Chin-Ling HUANG 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 DEVICE AND METHOD FOR DETECTING ALIGNMENT OF DEEP TRENCH CAPACITORS AND WORD LINES IN DRAM DEVICES

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

Executed on: 16 June 2003

WHEREAS, NANYA TECHNOLOGY CORPORATION of Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan, 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.

Tie Jiang WU  
Tie Jiang WU

16 June 2003  
Date:

Chien-Chang HUANG  
Chien-Chang HUANG

16 June 2003  
Date:

Bo ching Jiang

Bo Ching JIANG

16 June 2003

Date:

Yu-wei Ting

Yu-Wei TING

16 June 2003

Date:

Chin-Ling Huang

Chin-Ling HUANG

16 June 2003

Date:

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RECORDED: 07/03/2003

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