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

2. Name of conveying party(ies):
   Hsin-Jung HO; Chang Rong WU; Tzu En HO

Additional name(s) of conveying parties attached?
   ☐ Yes  ☒ No

3. Nature of conveyance:
   ☒ Assignment  ☐ Merger
   ☐ Security Agreement  ☐ Change of name
   ☐ Other:

Execution Date: 4/17/2003

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:

   4/17/2003

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

A. Patent Application No(s):

   NEW 101426327

   Additional numbers attached? ☐ Yes  ☒ No

B. Patent No(s):

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41): $40

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9. Signature.

   Nelson A. Quintero, #52,143
   Name of person signing  Signature  April 30, 2003

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Mail documents to be recorded with required cover sheet to:
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12/02/2004 GT0N11 00000010 502447 10425327
01 FC:8021 40.00 DA

PATENT
REEL: 015407 FRAME: 0481
ASSIGNMENT

WHEREAS, Hsin-Jung Ho, Chang Rong Wu and Tzu En Ho, 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: MANUFACTURING METHOD FOR A SHALLOW TRENCH ISOLATION REGION WITH HIGH ASPECT RATIO

Filed: Serial No. 

Executed on: 17 April 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 and 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.

Hsin-Jung Ho 
Hsin-Jung Ho 
17 April 2003

Chang Rong Wu
Chang Rong Wu
17 April 2003