Attorney Docket No. 10112581

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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): 2. Name and address of receiving party(ies) Yi-Nan CHEN; Hsin-Chuan TSAI Name: Nanya Technology Corporation Additional name(s) of conveying parties attached? Internal Address: ☐ Yes ☐ No Street Address: Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan 3. Nature of conveyance: City: Taoyuan State: Zip: M Assignment Merger Country: Taiwan Security Agreement ☐ Change of name Additional names(s) & address(es) attached? ☐ Other: ☐ Yes 🛛 No Execution Date: 6/27/2003 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: 6/27/2003 B. Patent No.(s): A. Patent Application No.(s): NEW Additional numbers attached? Tyes No. 6. Total number of applications and patents involved: 1 2. Name and address of party to whom correspondence concerning this document should be mailed. 7. Total fee (37 C.F.R. 3.41): \$40 Name: Quintero Law Office Enclosed Street Address: 1617 Broadway, 3rd Floor X Authorized to be charged to deposit account, if City: Santa Monica State: CA Zip: 90404 no fee attached. 8. Deposit account number: 502447 (Attach duplicate cover sheet if paying by deposit account) DO NOT USE THIS SPACE. 9. Signature. Nelson A. Quintero, #52,143 July 28, 2003 Date Name of person signing Signature Total number of pages including cover sheet, attachments, and documents: 2

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(v08/25/2002)

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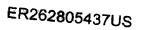
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ASSIGNMENT

WHEREAS, Yi-Nan CHEN and Hsin-Chuan TSAI	
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: METHOD FOR FORMING BOTTLE-SHAPED TRENCH	
Filed: Serial No	•
Filed: Serial No Executed on: June 27, 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.	
Yi-Nan Chen	June 27, 2003 Date:
San Archien Hsin-Chuan TSAI	June 27, 2003 Date:

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RECORDED: 07/28/2003