Docket No.: JCLA30507-CIP

Y ord the attached documents or the new address(es) below.		
Name/address of receiving     Party(ies):		
1. MACRONIX International Co., Ltd. No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.		
Add'l name(s)/address(es) of receiving parties Attached? □ Yes ☑ No		
B. Patent No. (s)		
☐ Yes ⊠ No		
Total No. of applications and patents involved:  ONE(1)		
7. Total fee (37 CFR §3.41): \$40.00  □ Authorized to be charge by credit card □ Authorized to be charge to deposit account □ Enclosed □ None required (government interest not affecting title)  8. Payment Information a. Credit Card Last Numbers □ Expiration Date □ b. Deposit Account Number 50-0710		
Authorized User Name <u>Jiawei Huang</u>		
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.  Total number of pages including cover sheet, attachments, and documents.  Signature  Date		

PATENT REEL: 023493 FRAME: 0732 P980087 30507-US-PA-0P

## **ASSIGNMENT**

## WHEREAS,

1. I-Chen Yang

2. Yao-Wen Chang

3. Tao-Cheng Lu

4. Guan-Wei Wu

5. Tao-Yuan Lin

6. Po-Chou Chen

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: MEMORY DEVICE AND METHODS FOR FABRICATING AND OPERATING THE SAME

[] Filed:

Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, MACRONIX International Co., Ltd.

of No. 16, Li-Hsin Rd., 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.

P980087 30507-US-PA-0P

## ASSIGNMENT CONTINUED

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

Signature: 1. Chen Jang	Date: 7009-9.29
Sole or First Joint Inventor: I-Chen Yang	
Signature: (46 - Wen Charles) Second Joint Inventor (if any): Yao-Wen Chang	Date: 209, 9, 1
Signature: Tau Cheng Lu Third Joint Inventor (if any); Tao-Cheng Lu	Date: 2009. P. 2P
Signature: <u>Gucy — Wa; Wux</u> Fourth Joint Inventor (if any): Guan-Wei Wu	Date: 7009, 9, 19
Signature: Too - Tuan Lin	Date: you g, g, y
Signature: Chem to Chom	Date: 200 9, 29

Sixth Joint Inventor (if any): Po-Chou Chen