

Docket No.: **JCLA32781**

Form 1595 (Rev. 09/04)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

<u>Names(s)</u>	<u>Date of Execution</u>
Wu, Guan-Wei	Jun 22, 2010
Yang, I-Chen	Jun 22, 2010
Chang, Yao-Wen	Jun 23, 2010
Lu, Tao-Cheng	Jun 23, 2010

2. Name/address of receiving  
Party(ies):**MACRONIX International Co.,  
Ltd.**No. 16, Li-Hsin Rd., Science-Based  
Industrial Park, Hsinchu, Taiwan, R.O.C.3. Nature of conveyance: ☒ Assignment☐ Merger ☐ Security Agreement ☐ Other☐ Change of Name ☐ ReassignmentAdd'l name(s)/address(es) of receiving parties  
Attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

A. Patent Application No. (s)

**12/834,228**

Additional numbers attached?

B. Patent No. (s)

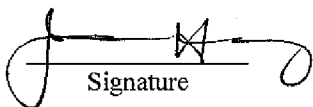
☐ Yes ☒ No5. Name and address of party to whom  
Correspondence concerning document  
should be mailed:**J. C. Patents  
4, Venture Suite 250  
Irvine, CA. 92618  
Tel: (949) 660-0761  
Fax: (949) 660-0809  
E-mail: [jcpi@msn.com](mailto:jcpi@msn.com)**6. Total No. of applications and patents  
involved:**ONE(1)**7. 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 **Jiawei Huang**Atty Docket No.: **JCLA32781**

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.Jiawei HuangName of Person Signing  
Registration No. 43,330

 Signature

7-12-2010  
Date
Total number of pages  
including cover sheet,  
attachments, and  
documents: **3**

CH \$40.00 500710 12834228

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32781-US-PA

## ASSIGNMENT

WHEREAS,

- |                  |                 |
|------------------|-----------------|
| 1. Guan-Wei Wu   | 2. I-Chen Yang  |
| 3. Yao-Wen Chang | 4. Tao-Cheng Lu |

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: **FLASH MEMORY AND MANUFACTURING METHOD AND OPERATING METHOD THEREOF**

☐ Filed: Serial No.

☒ 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.

P980122  
32781-US-PA

## ASSIGNMENT CONTINUED

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

Signature: Guan-Wei Wu

Date: 2010.6.22

Sole or First Joint Inventor: Guan-Wei Wu

Signature: I-Chen Yang

Date: 2010.6.22

Second Joint Inventor (if any): I-Chen Yang

Signature: Yao Wen Chang

Date: 2010.6.23

Third Joint Inventor (if any): Yao-Wen Chang

Signature: Tao Cheng Lu

Date: 2010.6.23

Fourth Joint Inventor (if any): Tao-Cheng Lu

**J.C. PATENTS**  
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**CERTIFICATE OF TRANSMISSION**

**July 12, 2010**

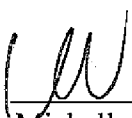
<b>Atty Docket No.</b>	:	JCLA32781
<b>Appl. No.</b>	:	12/834,228
<b>Filing Date</b>	:	July, 12, 2010
<b>Pages</b>	:	Cover + 3

**BY FACSIMILE ONLY**

<b>Fax No.</b>	:	571-273-0140
<b>Attention</b>	:	<b>MAIL STOP</b> Assignment Commissioner for Patents
<b>From</b>	:	Jiawei Huang, Reg. No. 43,330
<b>MESSAGE</b>	:	Enclosed herewith is a Recordation Cover Sheet with Assignment in 3 pages.

Sir:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on **July 12, 2010** at the above indicated fax number.

Sign by: 

Michelle Chang

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