

Docket No.: JCLA31351

Form 1595 (Rev. 09/04)	<b>RECORDATION FORM COVER SHEET</b>	U. S. Department of Commerce Patent and Trademark Office
<b>PATENTS ONLY</b>		

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

<p>1. Name of conveying party(ies) with the execution date:</p> <p style="text-align: center;"><b>SHIH-HUNG CHEN, June 03, 2009</b></p>	<p>2. Name/address of receiving Party(ies)</p> <p style="text-align: center;"><b>MACRONIX INTERNATIONAL CO., LTD.</b></p> <p>NO. 16, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.</p>
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<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment    <input type="checkbox"/> Security Agreement</p> <p><input type="checkbox"/> Merger            <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Reassignment    <input type="checkbox"/> Other</p>	<p>Add'l names of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):

<p>A. Patent Application No. (s)</p> <p style="text-align: center;"><b>12/545,294</b></p> <p style="text-align: right;">Additional number attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No.(s)</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="text-align: center;"><b>J. C. Patents 4 Venture, Suite 250 Irvine, CA 92618 (949) 660-0761</b></p>	<p>6. Total No. of applications and patents involved:</p> <p style="text-align: center;">ONE ( 1 )</p> <p>7. Total fee(37CFR§3.41): \$ 40.00</p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charge to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>50-0710</u> Authorized User Name <u>Jiawei Huang</u></p>
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Atty Docket No.: JCLA31351

9. Statement and Signature:

To the best of my knowledge and belief, the forging information is true and Correct and any attached copy is a true copy of the original document.

<p>Jiawei Huang</p> <p>Name of person Signing Registration No. 43,330</p>	<p>Signature</p>	<p>8-25-2009</p> <p>Date</p>	<p>Total number of pages including cover sheet, attachments, and documents: 3</p>
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Patent and Trademark Office  
**PATENTS ONLY**

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):

Names(s) Date of Execution  
Chen, Shih-Hung June 3, 2009

2. Name/address of receiving Party(ies):

**MACRONIX International Co., Ltd.**  
No. 16, Li-Hsin Rd.,  
Science-Based Industrial Park,

3. Nature of conveyance:  Assignment

Merger  Security Agreement  Other  
 Change of Name  Reassignment

Add'l name(s)/address(es) of receiving parties Attached?  Yes  No

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

A. Patent Application No. (s)

12/545,294

Additional numbers attached?

B. Patent No. (s)

Yes  No

5. 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.: JCLA31351

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 Huang  
Name of Person Signing  
Registration No. 43,330

  
Signature

8-21-2009  
Date

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

CH \$40.00 500710 12545294

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31351-US-PA

### ASSIGNMENT

WHEREAS,

1. Shih-Hung 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:

**PHASE CHANGE MEMORY AND OPERATION METHOD OF THE SAME**

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.

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### ASSIGNMENT CONTINUED

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

Signature: Shih-Hung Chen Date: 2009.6.3  
Sole or First Joint Inventor: Shih-Hung Chen