

Docket No.: **JCLA32425**

Form 1595 (Rev. 09/04)		<b>RECORDATION FORM COVER SHEET</b>		U.S. Department of Commerce Patent and Trademark Office											
<b><u>PATENTS ONLY</u></b>															
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.															
<b>1. Name of conveying party(ies):</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Names(s)</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Date of Execution</u></th> </tr> </thead> <tbody> <tr> <td>Lee, Guan-De</td> <td>Jun 23, 2010</td> </tr> <tr> <td>Liu, Chien-Hung</td> <td>Jun 23, 2010</td> </tr> <tr> <td>Huang, Shou-Wei</td> <td>Jun 23, 2010</td> </tr> <tr> <td>Chen, Ying-Tso</td> <td>Jun 23, 2010</td> </tr> </tbody> </table>			<u>Names(s)</u>	<u>Date of Execution</u>	Lee, Guan-De	Jun 23, 2010	Liu, Chien-Hung	Jun 23, 2010	Huang, Shou-Wei	Jun 23, 2010	Chen, Ying-Tso	Jun 23, 2010	<b>2. Name/address of receiving Party(ies):</b>  <p style="margin-top: 20px;"><b>MACRONIX International Co., Ltd.</b></p> <p style="margin-top: 20px;">No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.</p>		
<u>Names(s)</u>	<u>Date of Execution</u>														
Lee, Guan-De	Jun 23, 2010														
Liu, Chien-Hung	Jun 23, 2010														
Huang, Shou-Wei	Jun 23, 2010														
Chen, Ying-Tso	Jun 23, 2010														
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Change of Name <input type="checkbox"/> Reassignment			Add'l name(s)/address(es) of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No												
<b>4. Application number(s) or patent number(s):</b>															
<b>A. Patent Application No. (s)</b>  <p style="text-align: center; font-weight: bold;">12/834,212</p> <p style="text-align: center; font-size: small;">Additional numbers attached?</p>			<b>B. Patent No. ( s )</b>  <p style="text-align: center;"> <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No         </p>												
<b>5. Name and address of party to whom Correspondence concerning document should be mailed:</b>  <p style="margin-top: 20px;"><b>J. C. Patents</b>  <b>4, Venture Suite 250</b>  <b>Irvine, CA. 92618</b>            Tel: (949) 660-0761            Fax: (949) 660-0809            E-mail: <a href="mailto:jcpi@msn.com">jcpi@msn.com</a></p>			<b>6. Total No. of applications and patents involved:</b>  <p style="text-align: center; font-weight: bold;">ONE(1)</p>												
<b>Atty Docket No.: JCLA32425</b>			<b>7. Total fee (37 CFR §3.41): \$40.00</b> <input type="checkbox"/> Authorized to be charge by credit card <input checked="" type="checkbox"/> Authorized to be charge to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)												
<b>9. Statement and Signature:</b>  <p style="margin-top: 20px;">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.</p>			<b>8. Payment Information</b> a. Credit Card Last Numbers _____ Expiration Date _____ b. Deposit Account Number <b>50-0710</b> Authorized User Name <b>Jiawei Huang</b>												
<p style="margin-top: 20px;">Name of Person Signing Registration No. 43,330</p>			<p style="margin-top: 20px;">Signature _____ Date <u>7-12-2010</u></p>												
Total number of pages including cover sheet, attachments, and documents: <b>3</b>															

CH \$40.00 500710 12834212

P980102  
32425-US-PA

## ASSIGNMENT

WHEREAS,

- |                   |                   |
|-------------------|-------------------|
| 1. Guan-De Lee    | 2. Chien-Hung Liu |
| 3. Shou-Wei Huang | 4. Ying-Tso 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: **BIT LINE STRUCTURE, SEMICONDUCTOR DEVICE AND METHOD OF FORMING 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: Guan-De Lee Date: 6/23, 2010  
Sole or First Joint Inventor: Guan-De Lee

Signature: Chien-Hung Liu Date: 6/23, 2010  
Second Joint Inventor (if any): Chien-Hung Liu

Signature: Shou-Wei Huang Date: 6/23, 2010  
Third Joint Inventor (if any): Shou-Wei Huang

Signature: Ying-Tso Chen Date: 6/23, 2010  
Fourth Joint Inventor (if any): Ying-Tso Chen

**J.C. PATENTS**  
4 VENTURE, SUITE 250  
IRVINE, CALIFORNIA 92618  
TEL.: (949) 660-0761  
FAX: (949) 660-0809  
E-MAIL: [jcpi@email.msn.com](mailto:jcpi@email.msn.com)

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**CERTIFICATE OF TRANSMISSION**

July 12, 2010

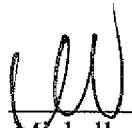
Atty Docket No.	:	JCLA32425
Appl. No.	:	12/834,212
Filing Date	:	July, 12, 2010
Pages	:	Cover + 3

**BY FACSIMILE ONLY**

Fax No.	:	571-273-0140
Attention	:	MAIL STOP Assignment Commissioner for Patents
From	:	Jiawei Huang, Reg. No. 43,330
MESSAGE	:	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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