

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 10/907889															
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jen-Ren Huang</td><td>2005-03-03</td></tr><tr><td>Erh-Kun Lai</td><td>2005-03-03</td></tr></tbody></table>						Name	Execution Date	Jen-Ren Huang	2005-03-03	Erh-Kun Lai	2005-03-03						
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RECEIVING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>MACRONIX International Co., Ltd.</td><td>No. 16, Li-Hsin Rd., Science-Based Industrial Park</td><td></td><td>Hsinchu</td><td>TAIWAN</td><td></td></tr></tbody></table>						Name	Street Address	Internal Address	City	State/Country	Postal Code	MACRONIX International Co., Ltd.	No. 16, Li-Hsin Rd., Science-Based Industrial Park		Hsinchu	TAIWAN	
Name	Street Address	Internal Address	City	State/Country	Postal Code												
MACRONIX International Co., Ltd.	No. 16, Li-Hsin Rd., Science-Based Industrial Park		Hsinchu	TAIWAN													
CORRESPONDENCE DATA																	
FAX NUMBER: 886223697233 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 031561																	
NAME OF PERSON SIGNING:	Belinda Lee																
DATE SIGNED:	2005-04-13																
Total Attachments: 2 source=14854Assignment01.tif source=14854Assignment02.tif																	

OP \$40.00 10907889

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PATENT
REEL: 015919 FRAME: 0669

ASSIGNMENT

WHEREAS,

1. Jen-Ren Huang

2. Erh-Kun Lai

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 MULTI-LEVEL CELL AND OPERATING METHOD THEREOF**

[] 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.

ASSIGNMENT CONTINUED

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

Signature: Jen-Ren Huang
Sole or First Joint Inventor: Jen-Ren Huang

Date: 2005. 03. 03.

Signature: Erh-Kun Lai

Date: 2005. 03. 03

Second Joint Inventor(if any): Erh-Kun Lai