

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yung Feng Lin</td> <td>08/17/2009</td> </tr> <tr> <td>Kuen-Long Chen</td> <td>08/14/2009</td> </tr> <tr> <td>Chun Hsiung Hung</td> <td>08/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yung Feng Lin	08/17/2009	Kuen-Long Chen	08/14/2009	Chun Hsiung Hung	08/14/2009		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MACRONIX INTERNATIONAL CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>16 LI-HSIN ROAD</td> </tr> <tr> <td>Internal Address:</td> <td>SCIENCE-BASED INDUSTRIAL PARK</td> </tr> <tr> <td>City:</td> <td>HSINCHU</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	MACRONIX INTERNATIONAL CO., LTD.	Street Address:	16 LI-HSIN ROAD	Internal Address:	SCIENCE-BASED INDUSTRIAL PARK	City:	HSINCHU	State/Country:	TAIWAN
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CORRESPONDENCE DATA											
Fax Number: (949)450-1764 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 949-450-1750 Email: tluu@patlawyers.com Correspondent Name: STOUT, UXA, BUYAN & MULLINS LLP Address Line 1: 4 VENTURE, SUITE 300 Address Line 4: IRVINE, CALIFORNIA 92618											
ATTORNEY DOCKET NUMBER:	P980003										
NAME OF SUBMITTER:	Kenton R. Mullins										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

CH \$40.00 12545793

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PATENT
REEL: 023132 FRAME: 0939

WHEN RECORDED, RETURN TO:

Kenton R. Mullins
STOUT, UXA, BUYAN & MULLINS, LLP
4 Venture, Suite 300
Irvine, CA 92618

ASSIGNMENT

WHEREAS, we, YUNG FENG LIN, KUEN-LONG CHANG, and CHUN HSIUNG HUNG, have invented certain new and useful improvements in:

**TWISTED DATA LINES TO AVOID OVER-ERASE
CELL RESULT COUPLING TO NORMAL CELL RESULT**

the said YUNG FENG LIN has executed application papers for United States Letters Patent thereon on the day corresponding to the filing date of the above-captioned, by title and docket number, patent application;

the said KUEN-LONG CHANG has executed application papers for United States Letters Patent thereon on the day corresponding to the filing date of the above-captioned, by title and docket number, patent application; and

the said CHUN HSIUNG HUNG has executed application papers for United States Letters Patent thereon on the day corresponding to the filing date of the above-captioned, by title and docket number, patent application;

WHEREAS, MACRONIX INTERNATIONAL CO., LTD., hereinafter called Assignee, having a place of business at 16 Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C., is desirous of acquiring the entire and exclusive right, title and interest in and to the aforesaid invention, and in and to any Letters Patent which may be granted and issued in the United States and throughout the world therefor

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of ONE DOLLAR (\$1) paid to us in hand paid by Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, by these presents do hereby sell, assign and transfer unto Assignee, its successors and assigns, the full and exclusive right, title and interest in and to the said invention, and in and to any Letters Patent which may be granted and issued in the United States and throughout the world therefor, and in any and all countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to the said invention as described in said applications, and in and to all Letters Patent granted on all divisions, reissues and continuations thereof, and I agree that, regardless of whether I have left the employee of or have undergone any change of relationship with Assignee and at a compensation rate last received by me from Assignee for similar efforts, I will communicate or provide to said Assignee, or its successors, consulting services including the provision of any and all facts and relevant information and materials known to me regarding said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue and continuation applications, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper patent protection for said invention in all countries;

AND, I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all Letters Patents on said invention or resulting therefrom to said Assignee, as assignee of my entire right, title and interest, and I covenant that I have full right so to do.

This instrument constitutes the entire agreement of the parties and supersedes all prior communications, understandings and agreements relating to the subject matter hereof, whether oral or written.

IN WITNESS WHEREOF, I have executed this instrument at _____

this 17 day of Aug., 2009.

Witness: _____
(print name)

Yung-Feng Lin
YUNG FENG LIN

IN WITNESS WHEREOF, I have executed this instrument at _____

this 14 day of Aug, 2009.

Witness: _____
(print name)

Kuen-Long Chang
KUEN-LONG CHANG

IN WITNESS WHEREOF, I have executed this instrument at _____

this 14 day of Aug, 2009.

Witness: _____
(print name)

Chun Hsiung Hung
CHUN HSIUNG HUNG