

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ming Shiang Chen</td> <td>12/22/2006</td> </tr> <tr> <td>Wen Pin Lu</td> <td>12/22/2006</td> </tr> <tr> <td>I-Jen Huang</td> <td>12/22/2006</td> </tr> <tr> <td>Chi Yuan Chin</td> <td>12/22/2006</td> </tr> <tr> <td>Nian Kai Zous</td> <td>12/22/2006</td> </tr> </tbody> </table>		Name	Execution Date	Ming Shiang Chen	12/22/2006	Wen Pin Lu	12/22/2006	I-Jen Huang	12/22/2006	Chi Yuan Chin	12/22/2006	Nian Kai Zous	12/22/2006
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RECEIVING PARTY DATA													
Name:	Macronix International Co., Ltd.												
Street Address:	No. 16, Li-Hsin Road												
Internal Address:	Science-Based Industrial Park												
City:	Hsinchu												
State/Country:	TAIWAN												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11617007</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11617007								
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CORRESPONDENCE DATA													
Fax Number:	(650)712-0263												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	Peter J. Su												
Address Line 1:	Haynes Beffel & Wolfeld LLP												
Address Line 2:	PO Box 366												
Address Line 4:	Half Moon Bay, CALIFORNIA 94019												
ATTORNEY DOCKET NUMBER:	MXIC 1708-1												
NAME OF SUBMITTER:	Peter J. Su												

CH \$40.00 11617007

Total Attachments: 3

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JOINT TO CORPORATE
ASSIGNMENT

WHEREAS, the undersigned,

- | | |
|--|---|
| (1) Ming-Shiang Chen
No. 3, Huimin St.
Hsinchu City, 300
Taiwan R.O.C. | (2) Wen-Pin Lu
No. 3, Lane 389,
Kuangming 5 th St., Chupei
Hsinchu County, Taiwan, R.O.C. |
| (3) I-Jen Huang
6F., No. 121, Sinshou St.
Sinsing District,
Kaohsiung City, 800
Taiwan, R.O.C. | (4) Chi-Yuan Chin
4F., No. 14, Alley 30, Lane 171
Tonghua St.
Taipei City, Taiwan, R.O.C. |
| (5) Nian-Kai Zous
No. 134, Beishi, Beixing Li,
Pingzhen City, Taoyuan County
324 Taiwan, R.O.C. | |

hereinafter termed "Inventors", have invented certain new and useful improvements in

**VARIABLE PROGRAM AND PROGRAM VERIFICATION METHODS FOR A
VIRTUAL GROUND MEMORY IN EASING BURIED DRAIN CONTACTS**

and have filed an application for a United States patent disclosing and identifying the above invention on 12-28-2006 as Application No. 11/617,007, OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such non-provisional application on:

- (1) the 22nd day of December, 2006;
(2) the 22nd day of December, 2006;
(3) the 22nd day of December, 2006;
(4) the 22nd day of December, 2006;
(5) the 22nd day of December, 2006.

(hereinafter termed "applications"); and

WHEREAS, Macronix International Co., Ltd., a corporation of Taiwan, having a place of business at No. 16, Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan R.O.C. (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of

the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said applications and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, the inventors' respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that said inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventors hereby authorize any of the following attorneys:

Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Bill Kennedy, Kenta Suzue, Peter J. Su and Joseph E. Root to (a) insert the date of execution of the oath or declaration of inventorship, and (b) insert the application number and filing date of this application when known.

MXIC 1708-1
(P940243US)

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date written below.

Ming-Shiang Chen 陳銘祥
MING-SHIANG CHEN 陳銘祥

Date: 2006/12/22

Wenpin Lu 呂文彬
WEN-PIN LU 呂文彬

Date: 2006/12/22

I-Jen Huang 黃怡仁
I-JEN HUANG 黃怡仁

Date: 2006/12/22

Chi-yuan Chin 秦啟元
CHI-YUAN CHIN 秦啟元

Date: 2006/12/22

Nian-kai Zous 鄒年凱
NIAN-KAI ZOUS 鄒年凱

Date: 2006/12/22