

PATENT ASSIGNMENT

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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>Kuo-Pin Chang</td> <td>02/05/2009</td> </tr> <tr> <td>Yi-Chou CHEN</td> <td>02/05/2009</td> </tr> <tr> <td>Wei-Chih Chien</td> <td>02/05/2009</td> </tr> <tr> <td>Erh-Kun LAI</td> <td>02/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kuo-Pin Chang	02/05/2009	Yi-Chou CHEN	02/05/2009	Wei-Chih Chien	02/05/2009	Erh-Kun LAI	02/04/2009
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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>12366949</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12366949						
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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>											
Phone:	6507120340										
Email:	kmarley@hmbay.com										
Correspondent Name:	Mark Haynes										
Address Line 1:	P. O. BOX 366										
Address Line 2:	HAYNES BEFFEL & WOLFELD LLP										
Address Line 4:	Half Moon Bay, CALIFORNIA 94019										
ATTORNEY DOCKET NUMBER:	MXIC 1863-2										
NAME OF SUBMITTER:	Mark A. Haynes										
Total Attachments: 4											

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**PATENT
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Atty Docket: MXIC 1863-2
(P970049US)

ASSIGNMENT

WHEREAS, the undersigned,

- | | |
|--|--|
| (1) Kuo-Pin Chang 張國彬
No.134-10, Neighborhood 28,
Kejhuang Village, Yuanli Township,
Miaoli County 358, Taiwan R.O.C. | (2) Yi-Chou Chen 陳逸舟
No. 247, Puding Rd.,
Hsinchu City 300, Taiwan, R.O.C. |
| (3) Wei-Chih Chien 簡維志
7F., No. 279, Sec. 2, Datong Rd.,
Sijhih City,
Taipei County 221, Taiwan, R.O.C. | (4) Erh-Kun Lai 賴二琨
48 Town Green Drive
Elmsford, NY 10523 |

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

OPERATING METHOD OF ELECTRICAL PULSE VOLTAGE FOR RRAM APPLICATION

and have filed a non-provisional application for a United States patent disclosing and identifying the above invention on 06 FEB 2009 as Application No. 12/366,949 OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such non-provisional application on:

- (1) the ____ day of _____, 2009;
- (2) the ____ day of _____, 2009;
- (3) the ____ day of _____, 2009;
- (4) the ____ day of _____, 2009;

(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 (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 Inventors jointly or severally (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:

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1. Said Inventors do hereby jointly and severally 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 jointly and severally 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, jointly and severally, the inventors' respective heirs, legal representatives and assigns.

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

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

Kuo Pin Chang 張國彬

Kuo-Pin Chang 張國彬

Date: 2.5.2009

Yi-Chou Chen 陳逸舟

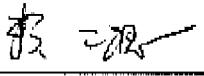
Yi-Chou Chen 陳逸舟

Date: 2009-2-5

Atty Docket: MXIC 1863-2
(P970049US)

Wei-Chih Chien 簡維志

Date: _____

Erh-Kun Lai: 

Erh-Kun Lai 賴二琨

Date: Feb. 04. 2009

Atty Docket: MXIC 1863-2
(P970049US)

Wei-Chih Chien 簡維志

Wei-Chih Chien 簡維志

Date: 2009, 02.05

Erh-Kun Lai 賴二琨

Date: _____