

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Erh-Kun Lai</td><td>04/26/2007</td></tr><tr><td>Yen-Hao Shih</td><td>04/26/2007</td></tr><tr><td>Tzu-Hsuan Hsu</td><td>04/26/2007</td></tr><tr><td>Shih-Chin Lee</td><td>04/26/2007</td></tr><tr><td>Jung-Yu Hsieh</td><td>04/26/2007</td></tr><tr><td>Kuang-Yeu Hsieh</td><td>04/27/2007</td></tr></tbody></table>	Name	Execution Date	Erh-Kun Lai	04/26/2007	Yen-Hao Shih	04/26/2007	Tzu-Hsuan Hsu	04/26/2007	Shih-Chin Lee	04/26/2007	Jung-Yu Hsieh	04/26/2007	Kuang-Yeu Hsieh	04/27/2007	
Name	Execution Date														
Erh-Kun Lai	04/26/2007														
Yen-Hao Shih	04/26/2007														
Tzu-Hsuan Hsu	04/26/2007														
Shih-Chin Lee	04/26/2007														
Jung-Yu Hsieh	04/26/2007														
Kuang-Yeu Hsieh	04/27/2007														
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11649348</td></tr></tbody></table>	Property Type	Number	Application Number:	11649348											
Property Type	Number														
Application Number:	11649348														
CORRESPONDENCE DATA															
Fax Number:	(215)965-1210														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	215-965-1293														
Email:	cjablon@akingump.com														
Correspondent Name:	Clark A. Jablon [681939-146US msm]														
Address Line 1:	Akin Gump Strauss Hauer & Feld LLP														
Address Line 2:	2005 Market Street, Suite 2200														
Address Line 4:	Philadelphia, PENNSYLVANIA 19103-7013														
ATTORNEY DOCKET NUMBER:	681939.0146														

CH \$40.00 11649348

500274485

PATENT
REEL: 019275 FRAME: 0661

NAME OF SUBMITTER:

Clark A. Jablon

Total Attachments: 3

source=681939_146US_Assignment#page1.tif

source=681939_146US_Assignment#page2.tif

source=681939_146US_Assignment#page3.tif

Attorney Docket No.: 681939-146US
(P940235)

**ASSIGNMENT
(PATENT APPLICATION)**

WHEREAS, we, ("ASSIGNORS"):

<u>Inventor</u>	<u>Citizenship</u>	<u>Address</u>
Erh-Kun Lai	Taiwan, R.O.C.	No. 14, Lane 411, Youyuan N. Rd. Longjing Shiang, Taichung County 434 TAIWAN
Yen-Hao Shih	Taiwan, R.O.C.	4F, No. 16, Lane 108, Longquan St. Banqiao City, Taipei County 220 TAIWAN
Tzu-Hsuan Hsu	Taiwan, R.O.C.	No. 28-8, Jinlanding Village Shanmen, Jhongpu Township Chiayi County 606 TAIWAN
Shih-Chin Lee	Taiwan, R.O.C.	No. 16-2, Jhongheng Rd. Siluo Township Yunlin County 648 TAIWAN
Jung-Yu Hsieh	Taiwan, R.O.C.	3F., No. 49, Lane 27, Zihyou Rd Hsinchu City 300 TAIWAN
Kuang-Yeu Hsieh	Tawian, R.O.C.	No. 10, 20 Alley, 103 Lane Shing Hai Street, Ju Bai City, Hsin Chu TAIWAN

having invented a certain new and useful invention entitled:

**METHODS OF OPERATING NON-VOLATILE MEMORY CELLS
HAVING AN OXIDE/NITRIDE MULTILAYER INSULATING STRUCTURE**

for which a United States patent application has been filed on Jan. 3, '07 under U.S.
Patent Application No. 11/649,348, and

WHEREAS, ("ASSIGNEE"):

Macronix International Co., Ltd.
No. 16, Li-Hsin Road
Science-Based Industrial Park
Hsinchu, Taiwan, R.O.C.

is desirous of acquiring the entire right, title and interest in and to the invention throughout the United States and the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all countries throughout the world;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNORS, intending to be legally bound, do hereby:

AUTHORIZE said ASSIGNEE, or its representatives to insert above the filing date and application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and interest for the United States and its possessions and territories and all foreign countries in and to the invention which is disclosed in the above-identified patent application, and, in and to any and all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States and all foreign countries on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States and all foreign countries on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR(S) had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States and foreign patents granted on the invention to ASSIGNEE;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNORS, and that the full right to convey the same as herein expressed is possessed by ASSIGNORS;

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNORS will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNORS relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in

ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNORS;

AGREES to hold in trust, keep confidential, not make use of, and not disclose or reveal to any third party said invention, without ASSIGNEE'S prior written consent.

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNORS and extending to the successors, assigns, and nominees of ASSIGNEE.

2007.04.26
Date

2007.04.26
Date

2007.04.26
Date

2007.04.26
Date

2007.04.26
Date

4/27/2007
Date

Erh-Kun Lai
Erh-Kun Lai
E

Yen-Hao Shih
Yen-Hao Shih

Tzu-Hsuan Hsu
Tzu-Hsuan Hsu

Shih-Chin Lee
Shih-Chin Lee Shih-Chin Lee

Jung-Yu Hsieh
Jung-Yu Hsieh

Kuang-Yeu Hsieh
Kuang-Yeu Hsieh