

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Hsiang Lan LUNG | 06/26/2007 |
| 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: 3 | |
| Property Type | Number |
| Application Number: | 60921494 |
| Application Number: | 60888869 |
| Application Number: | 11769961 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | MXIC 1718-3 |
| NAME OF SUBMITTER: | Mark A. Haynes |
| Total Attachments: 2 source=00004727#page1.tif | |

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PATENT
REEL: 021672 FRAME: 0246

To: Kathryn

MXIC 1718-3
(P950008US)

**SOLE TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

(1) Hsiang Lan Lung
107 Town Green Drive
Elmsford, New York 10523

hereinafter termed "Inventor", has invented certain new and useful improvements in

**MEMORY ELEMENT WITH REDUCED-CURRENT
PHASE CHANGE ELEMENT**

and has filed a provisional application for a United States patent disclosing and identifying the above invention on **02 April 2007** as **U.S. Provisional Application No. 60/921,494** and has filed a provisional application for a United States patent disclosing and identifying the above invention on **08 February 2007** as **U.S. Provisional Application No. 60/888,869**, and is filing a non-provisional application herewith, and has executed an oath or declaration of inventorship for such non-provisional application on:

(1) the 26th day of June, 2007.

(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 Inventor to have been received in full from said Assignee:

1. Said Inventor does 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.

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MXIC 1718-3
(P950008US)

2. Said Inventor hereby covenants and agrees 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 Inventor 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 Inventor, the inventor's respective heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that said inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor hereby authorizes 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.

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


HSIANG LAN LUNG 龍翔瀾

Date: 6/26/2007