

PATENT ASSIGNMENT

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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>Huai-Yu Cheng</td> <td>12/13/2011</td> </tr> <tr> <td>Hsiang-Lan Lung</td> <td>12/13/2011</td> </tr> <tr> <td>Yen-Hao Shih</td> <td>12/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Huai-Yu Cheng	12/13/2011	Hsiang-Lan Lung	12/13/2011	Yen-Hao Shih	12/14/2011		
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<table border="1"> <tr> <td>Name:</td> <td>Macronix International Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>No. 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:	No. 16, Li-Hsin Road	Internal Address:	Science-Based Industrial Park	City:	Hsinchu	State/Country:	TAIWAN
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CORRESPONDENCE DATA											
<p>Fax Number: (650)712-0263 Phone: 650-712-0340 Email: mholland@hmbay.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: MACRONIX C/O HAYNES BEFFEL & WOLFELD LLP Address Line 1: P. O. BOX 366 Address Line 2: Attn: Mark A. Haynes Address Line 4: HALF MOON BAY, CALIFORNIA 94019</p>											
ATTORNEY DOCKET NUMBER:	MXIC 1979-2										
NAME OF SUBMITTER:	Mark A. Haynes										
Total Attachments: 4 source=00295471#page1.tif source=00295471#page2.tif source=00295471#page3.tif source=00295471#page4.tif											

CH \$40.00 13327595

ASSIGNMENT

WHEREAS, the undersigned,

(1) Huai-Yu Cheng 鄭懷瑜
27 Barker Ave., Apt. 910
White Plains, NY 10601

(2) Hsiang-Lan Lung 龍翔瀾
30 McKinley Pl.
Ardsley, NY 10502

(3) Yen-Hao Shih 施彥豪
24 Town Green Drive
Elmsford, NY 10523

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

Ge-RICH GST-212 PHASE CHANGE MEMORY MATERIALS

and have filed a provisional Application for a United States patent disclosing and identifying the above invention on 23 June 2011 as Application No. 61/500,446, and have filed a non-provisional application for a United States patent disclosing and identifying the above invention on _____ as Application No. _____, OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such non-provisional application on:

(1) the 13th day of December, 2011;

(2) the 15th day of December, 2011;

(3) the 14th day of December, 2011;

(hereinafter termed "application"); 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 application 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:

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 jointly and severally sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents (including patent, utility model and industrial design) on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise, including the right to claim priority from the application; (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 extension 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.

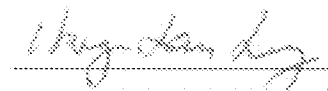
5. Said Inventors hereby authorize any of the following attorneys and agents:

Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Kenta Suzue, Jonathan M. Putnam, Ryan Davis and Yiding Wu 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 Inventors have executed and delivered this instrument to said Assignee as of the date written below.


HUAL-YU CHENG 鄭懷瑜

Date: 12/13/2011


HSIANG-LAN LUNG 龍翔瀾

Date: 12/13/11

YEN-HAO SHIH 施彥豪

Date: _____

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

Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Kenta Suzue, Jonathan M. Putnam, Ryan Davis and Yiding Wu 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.

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HUI-YU CHENG 鄭懷瑜

Date: _____

HSIANG-LAN LUNG 龍翔瀾

Date: _____



YEN-HAO SHIH 施彥豪

Date: Dec. 14, 2011