

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>Hang-Ting Lue</td><td>05/08/2006</td></tr><tr><td>Hao Ming Lien</td><td>05/08/2006</td></tr></tbody></table>	Name	Execution Date	Hang-Ting Lue	05/08/2006	Hao Ming Lien	05/08/2006	
Name	Execution Date						
Hang-Ting Lue	05/08/2006						
Hao Ming Lien	05/08/2006						
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>11419977</td></tr></tbody></table>	Property Type	Number	Application Number:	11419977			
Property Type	Number						
Application Number:	11419977						
CORRESPONDENCE DATA							
Fax Number:	(650)712-0263						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	650 712-0340						
Email:	ajonsson@hmbay.com						
Correspondent Name:	Peter 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 1648-1						
NAME OF SUBMITTER:	Peter Su						
Total Attachments: 2 source=efsassignment#page1.tif source=efsassignment#page2.tif							

CH \$40.00 11419977

PATENT

500107650

REEL: 017666 FRAME: 0236

**JOINT TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

(1) Hang-Ting Lue 呂函庭
19, East Yuan 19,
National Tsing-Hua University
Hsinchu, Taiwan R.O.C.

(2) Hao Ming Lien 連浩明
8F.-6, No. 39, Jianzhong 1st Rd.
Hsinchu, 300
Taiwan, R.O.C.

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

**STRUCTURE AND METHOD OF SUB-GATE AND ARCHITECTURES EMPLOYING
BANDGAP ENGINEERED SONOS DEVICES**

and have filed an 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 8th day of May, 2006;
(2) the 8th day of May, 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.

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

Hang-Ting Lue
HANG-TING LUE 吕函庭

Date: 2006.5.8

Hao Ming Lien
HAO MING LIEN 连浩明

Date: 2006.5.8