

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chung-Kuang Chen</td> <td>10/14/2009</td> </tr> <tr> <td>Chun-Hsiung Hung</td> <td>10/13/2009</td> </tr> <tr> <td>Han-Sung Chen</td> <td>10/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Chung-Kuang Chen	10/14/2009	Chun-Hsiung Hung	10/13/2009	Han-Sung Chen	10/14/2009		
Name	Execution Date										
Chung-Kuang Chen	10/14/2009										
Chun-Hsiung Hung	10/13/2009										
Han-Sung Chen	10/14/2009										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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
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 style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12631705</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12631705						
Property Type	Number										
Application Number:	12631705										
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: Kenta Suzue 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 1902-1										
NAME OF SUBMITTER:	Kenta Suzue										
Total Attachments: 2 source=00192508#page1.tif											

CH \$40.00 12631705

501034664

PATENT
REEL: 023618 FRAME: 0411

**JOINT TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

- | | |
|---|--|
| (1) Chung-Kuang Chen
4F, 37N, Ln. 3, Sec. 2,
Da Kuan Rd., Pan Chiao City
Taipei, 220 Taiwan R.O.C. | (2) Chun-Hsiung Hung
9F.-2, No. 86, Dasyue Road
Hsinchu City, 300
Taiwan R.O.C. |
| (3) Han-Sung Chen
No. 10, Lane 452,
Jhongjheng Road
Hsinchu City, Taiwan
300 R.O.C. | |

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

CLOCK INTEGRATED CIRCUIT

and have filed an application for a United States patent disclosing and identifying the above invention on 12/4/09 as Application No. 12/631,705, OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such non-provisional application on:

- (1) the 14th day of October, 2009;
(2) the 13th day of October, 2009;
(3) the 14th day of October, 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 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.

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

Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Bill Kennedy, Kenta Suzue 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.

Chung-Kuang Chen
CHUNG-KUANG CHEN 陳重光
Chun Hsiung Hung
CHUN-HSIUNG HUNG 洪俊雄
Han-Sung Chen
HAN-SUNG CHEN 陳漢松

Date: 14 Oct / 2009
Date: 2009 / 10 / 13
Date: 2009 / 10 / 14