

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hang-Ting Lue	04/13/2008
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:	12102410
Application Number:	60954819
Application Number:	61019519
CORRESPONDENCE DATA	
Fax Number:	(650)712-0263
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	MACRONIX C/O HAYNES BEFFEL & WOLFELD LLP
Address Line 1:	P. O. BOX 366
Address Line 2:	Mark Haynes
Address Line 4:	HALF MOON BAY, CALIFORNIA 94019
ATTORNEY DOCKET NUMBER:	MXIC 1829-2
NAME OF SUBMITTER:	Jonathan M. Putnam

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REEL: 020820 FRAME: 0572

Total Attachments: 4

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MXIC 1829-2
(P960107US)

ASSIGNMENT

WHEREAS, the undersigned,

Hang-Ting LUE 吕函庭
East Yuan 19
National Tsing-Hua University
Hsinchu, Taiwan

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

LATERAL POCKET IMPLANT CHARGE TRAPPING DEVICES

and has filed two provisional applications for a United States patent disclosing and identifying the above invention on 09 August 2007 as Application No. 60/954,819, and on 07 January 2008 as Application No. 61/019,519, and has filed a non-provisional application for a United States patent disclosing and identifying the above invention on 14 April 2008 as Application Serial No. 12/102,410, OR is filing said application herewith, and has executed an oath or declaration of inventorship for such non-provisional application on

(1) the 13th day of April, 2008;

(hereinafter termed "applications"); and

WHEREAS, Macronix International Co., Ltd., a corporation of Taiwan, having a place of business at No. 16, I.I-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

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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 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 Inventors 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 inventors' 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 and agents: Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Bill Kennedy, Kenta Suzue, and Jonathan M. Putnam 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.

Hang-Ping Lue
Hang-Ping LUE 吕函庭

Date: 2008.4.12

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COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **LATERAL POCKET IMPLANT CHARGE TRAPPING DEVICES**, the specification of which is being filed herewith, or was filed on _____ as application Serial No. _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a) which states in relevant part: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98."

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)

(Country)

(Day/Month/Year Filed)

Yes No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), and under §119(e) of any United States provisional application(s), listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

61/019,519
(Application Serial No.)

07 January 2008
(Filing Date)

Pending
(Patented, Pending, Abandoned)

60/954,819
(Application Serial No.)

09 August 2007
(Filing Date)

Pending
(Patented, Pending, Abandoned)

**Atty Docket: MXIC 1829-2
(P960107US)**

I hereby appoint the attorneys associated with **CUSTOMER NO. 46353** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and to file, prosecute and to transact all business in connection with international applications directed to said invention:

Address all correspondence to:

CUSTOMER NO. 46353

Macronix c/o
Haynes Beffel & Wolfeld LLP
P.O. Box 366
Half Moon Bay, CA 94019

Direct all telephone calls to Jonathan Putnam at (650) 712-0340.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of **first** joint

inventor, if any: Hang-Ting LUE 吕函庭
Inventor's signature: Hang-Ting Lue
Date: 2008 4 / 10
Citizenship: TW
Mailing/Residence: East Yuan 19, National Tsing-Hua University, Hsinchu, Taiwan