

MDP 10.19.99

10-22-1999



101180864

PATENT CASE

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Meng-Hwang Liu
- (2) Cheng-Shang Lai
- (3) Tao-Cheng Lu
- (4) Mam-Tsung Wang

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies):

Name: Macronix International Co., Ltd.
Street Address: No. 3 Creation Road 3rd
Science-Based Industrial Park
City: Hsinchu, Taiwan, R.O.C.

3. Nature of conveyance:

- Assignment [] Merger
- [] Security Agreement [] Change of Name
- [] Other

Execution Date: 18 March 1999 for each inventor

Additional name(s) & address(es) attached?

[] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/243,552

B. Patent No.(s):

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark A. Haynes
Haynes & Beffel LLP
P.O. Box 366
Half Moon Bay, CA 94044
(650) 712-0340

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

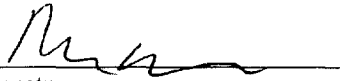
8. Deposit account number: 50-0869
 (Attorney Docket No.: MXIC 1311-1)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark A. Haynes, Reg. No.: 30,846
 Typed Name, Registration Number


 Signature

15 October 1999
 Date

Total number of pages including cover sheet, attachments and document: [4]

10/21/1999 NTHRI1 00000255 09243552

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**JOINT TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

Meng-Hwang Liu No. 22-2, 12th Ln. Tung-An Road, Tainan, Taiwan, R.O.C.	Cheng-Shang Lai 2F, No. 26-1, 30th Lane, Sec. 2 Peking Road, Taichung, Taiwan, R.O.C.	Tao-Cheng Liu No. 36, Lane 1, Nueh-Chiang St. San-Min District Kaohsiung, Taiwan, R.O.C.	Mam-Tsung Wang No. 18, Alley 3, Lane 162 Scientific Park Road Hsinchu City, Taiwan, R.O.C.
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hereinafter termed "Inventors", have invented certain new and useful improvements in

**SILICIDE BLOCKING PROCESS TO FORM
NON-SILICIDED REGIONS ON MOS DEVICES**

and have filed an application for a United States patent disclosing and identifying the above invention 2 February 1999 as Application No. 09/243,552 (hereinafter termed "application"); and

WHEREAS, Macronix International Co., Ltd., a corporation of Taiwan, having a place of business at No. 3 Creation Road 3rd, 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 application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (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 application 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 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 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 Inventors, their respective legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they 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 dates written below.

State of _____)
County of _____)

Meng-Hwang Liu
Meng-Hwang Liu

On _____, 1998, before me, _____,
personally appeared _____,

3/18 '99
Date

personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)

State of _____)
County of _____)

Cheng-Shang Lai
Cheng-Shang Lai

On _____, 1998, before me, _____,
personally appeared _____,

3/18 '99
Date

personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)

Tao-Cheng Lu

Tao-Cheng Lu

3/18/99

Date

State of)
County of)

On _____, 1998, before me, _____, personally appeared _____,

personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)

State of)
County of)

Mam-Tsung Wang

Mam-Tsung Wang

3/18/99

Date

On _____, 1998, before me, _____, personally appeared _____,

personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)

本文件之簽名或蓋章，經中華民國台灣新竹地方法院公証處公証人認証。
公証人 張智德

Attested on this _____ day, MAR 18 1999, at the Hsin Chu District court, Taiwan, Republic of China, That the signature(s)/seal(s) in this document is/are authentic.

Jen Tzu No. 1199

Chung Gee Bor
Chung Gee Bor
Notary Public