

01-16-2002

IN



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101948835

Attorney Docket No. 147268.00283

01-9-2
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RECORDATION FORM COVER SHEET (PATENTS ONLY)

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Washington, DC 20231

Sir:

Please record the attached original documents. The pertinent information is as follows:

(1) **Submission Type**

- New
- Resubmission (Non-Recordation) - Document ID#101754742
- Correction of PTO Error - Reel # _____, Frame # _____
- Corrective Document - Reel # _____, Frame # _____

(2) **Conveyance Type**

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other: _____

(3) **Conveying Party(ies)** (Name(s) only)

LIU, Meng-Huang
LAI, Chun-Hsiang
SU, Shin
LU, Tao-Cheng

(4) **Receiving Party(ies)** (Name(s) and address(es))

MACRONIX INTERNATIONAL CO., LTD.
No. 16, Li Hsin Road
Science-Based Industrial Park, Hsinchu, Taiwan ROC

(5) **Applications and/or patent(s) against which enclosure is to be recorded:**

- Serial Number 09/874,339, filed June 6, 2001.
 Application filed concurrently herewith.
 Patent Number _____, issued _____.

(6) **Name and address of party to whom correspondence concerning the request to record should be mailed:**

Thomas T. Moga
POWELL, GOLDSTEIN, FRAZER & MURPHY LLP
P.O. Box 97223
Washington, D.C. 20090-7223

(7) **Date(s) the document was executed:** 05/21/2001

(8) **Number of Properties/Fee Amount/Method of Payment**


Number of Properties involved: 1
Total fee amount for properties listed: _____

- A check is enclosed to cover the total fees for recordation.
 The total recordation fees are to be charged to Deposit Account No. 50-1682.

If, for some reason, Applicant(s) has/have not paid a sufficient fee or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account No. 50-1682 accordingly.

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. Charges to deposit account are authorized as indicated herein.

Date: October 24, 2001

By: 
Thomas T. Moga
Reg. No. 34,881
Attorney for Applicants

POWELL, GOLDSTEIN, FRAZER & MURPHY LLP
P.O. Box 97223
Washington, D.C. 20090-7223
(202) 347-0066

06-15-2001

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ADEMARK OFFICE

ney Docket No. 147268.00283

RECORDATION FORM COVER SHEET (PATENTS ONLY)

Box Assignments
Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

J1046 U.S. PTO
09/874339
06/06/01

Sir:

Please record the attached original document(s) or copy(ies). The pertinent information is as follows:

(1) **Submission Type**

06/06/01

- New
- Resubmission (Non-Recordation) - Document ID# _____
- Correction of PTO Error - Reel # _____, Frame # _____
- Corrective Document - Reel # _____, Frame # _____

(2) **Conveyance Type**

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other: _____

(3) **Conveying Party(ies)** (Name(s) only)

Meng-Huang Liu, et al.

09/874339

(4) **Receiving Party(ies)** (Name(s) and address(es))

MACRONIX INTERNATIONAL CO., LTD.
No. 16, Li-Hsin Road
Science-Based Industrial Park
Hsin-Chu City, Taiwan, R.O.C.

06/08/2001 MLAKEM1 00000051 09874339

02 FC:581

40.00 0P

(5) **Applications and/or patent(s) against which enclosure is to**

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) _____
ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT

The PATENT RIGHTS referred to in this agreement are:

(check one) a patent application for this invention, executed by the ASSIGNOR(S)
 concurrently with this assignment.

U.S. patent application Serial No. _____, filed _____

a U.S. patent application based on PCT International Application
 No. _____ filed on (date) _____ (U.S. patent application
 Serial No. _____, if known).

U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions reissues, continuations and extensions of
 the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) U.S. patent rights only.

Worldwide patent rights. In this case, the assignee shall have the right to
 claim the benefit of the filing date of any U.S. or foreign patent application
 for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures
 appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) MACRONIX INTERNATIONAL CO., LTD.

(Address) NO.16, LI HSIN ROAD, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU,
TAIWAN, R.O.C.

The ASSIGNEE is:

(check one) An individual.

A Partnership.

A Corporation of TAIWAN, R.O.C. (specify state or country)

(other) _____

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and
 valuable consideration, receipt of which is acknowledged, hereby assign(s) the following
 rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable
 provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO
ASSIGNEE: MACRONIX INTERNATIONAL CO., LTD.
INVENTION TITLE: ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Meng-Huang LIU Meng-Huang Liu 2001/5/21
Name of sole or first inventor Signature Date

Chun-Hsiang LAI Chun-Hsiang Lai 2001/5/21
Name of second inventor, if any Signature Date

Shin SU Shin Su 2001/5/21
Name of third inventor, if any Signature Date

Tao-Cheng LU Tao Cheng Lu 2001/5/21
Name of fourth inventor, if any Signature Date

Name of fifth inventor, if any Signature Date

Name of sixth inventor, if any Signature Date

Name of seventh inventor, if any Signature Date