

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER
09/683850

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Huang, Weng-Hsing

Execution Date: 12/20/2001

Name: Chang, Kent Kuohua

Execution Date: 12/20/2001

RECEIVING PARTY DATA

Name: Macronix International Co. Ltd.

Street Address: No.16, Li-Hsin Rd.

Internal Address: Science-Based Industrial Park

City: Hsin-Chu City

State:

Country: TAIWAN

Postal Code:

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** +886-2-8923-7390

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number

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CUSTOMER NUMBER: 027765

NAME OF PERSON SIGNING: WINSTON HSU

DATE SIGNED: 02/22/2002

Total Attachments: 2

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source="MXIP0077ASS2.TIF "

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNORS (Inventors):

Name: Weng-Hsing Huang Nationality: R.O.C.

Address: No. 56-2, Chien-Hsin Rd., Hsin-Chu, Taiwan, R.O.C.

Name: Kent Kuohua Chang **Nationality:** R.O.C.

Address: 4F, No. 66-1, Yen-Chi St., Taipei City, Taiwan, R.O.C.

Hereby sells, assigns and transfers to **Macronix International Co. Ltd.**
(hereinafter 'Assignee'), of (Assignee address)
No.16, Li-Hsin Rd, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C.
, and the successors assigns and legal representatives of the ASSIGNEE the entire right, title, and
interest in and to any and all improvements which are disclosed in the invention entitled:

"METHOD FOR IMPROVING THE RELIABILITY OF FLASH MEMORIES"

Which is found in :

- (a) _____ U.S. patent application executed on even date
- (b) _____ U.S. patent application executed on _____
- (c) _____ U.S. application serial no. _____
- (d) _____ patent no. _____ issued _____

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 12-20-2001 (Date of signing).

(Type name of inventor)

Weng-Hsing Huang

Kent Kuohua Chang

Signature of INVENTOR

Weng-Hsing Huang
Kent Kuohua Chang