

03-21-2000

101293401

PATENT Docket No.: MXI001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECORDING COVER SHEET

- 1. Assignor: Chin-Yi Huang, Chin-Jen Huang, Chen-Chin Liu, Yun Chang
- 2. Assignee: Macronix International Co. Ltd. No. 3, Creation Rd. 3, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C.
- 3. Nature of Conveyance: Assignment of patent
- 4. Reference number: Application filed herewith.
- 5. Correspondence to: Winston Hsu 3F, No. 52, Lane 46, Min-Sheng Rd., Yung-Ho City, Taipei Hsien, Taiwan, R.O.C.
- 6. Number of applications affected by this recording: 1 Total fee: (1 x \$ 40) = \$ 40.00 Payment by check enclosed
- Execution date of the document to be recorded: 08/18/1999 7.
- 8. Total number of pages including cover sheet : 3
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Date: __________

Winstontten

Winston Hsu **U.S. Patent Agent** Reg. No.:41,526

Recording Cover Sheet Page 1 of 1

PATENT REEL: 010614 FRAME: 0466



101234186

PATENT

Docket No.: MXIUU

IN THE UNITED STATES PATENT AND TRADEWARK OFFICE

RECORDING COVER SHEET

1. Assignor: Chin - Yi Huang

- JGE1. U.S. PTO 09/376700 06/23/99
- 2. Assignee: Macronix International Co., Ltd. No.3, Creation Rd, 3, Science - Based Industrial Park Hsin - Chu. Taiwan, R.O.C.
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- Number of applications affected by this recording: 1
 Total fee: (1 x \$ 40) = \$ 40.00 Payment by check enclosed
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- 7. Execution date of the document to be recorded: & //& /1999
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Date: <u>8/18/1999</u> 08/39/1999 SCANNICH 00000051 09378700 02 FC:581 40.00 DP

Winston Hon

Winston Hsu, Patent Agent Registration No.:41,526

Recording Cover Sheet Page 1 of 1

PATENT REEL: 010614 FRAME: 0467

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:	Chin-Yi Huang	Nationality:	<u>R.O.C.</u>
Address:	No.16, Lane 25, Ming-Hu 1st Rd., Pa	ao-Shan Country, Hsin-C	hu Hsien, Taiwan,R.O.C.
Name:	Chin-Jen Huang	Nationality:	R.O.C.
	No.7, Alley 1, Lane 6, Fu-Cheh		
	- · · ·		
Name:	Chen-Chin Liu	Nationality:	R.O.C.
	No.126, Lun-Nan Rd., Tou-Liu, Yun-Lin Hsien, Taiwan, R.O.C.		
Name:	Yun Chang	Nationality:	R.O.C
	-		
Address: _4F, No.2, Lane 7, An-Kang St., Hsin-Chu, Taiwan, R.O.C.			

Hereby sells, assigns and transfers to <u>Macronix International Co. Ltd.</u> (hereinafter "Assignee"), of (Assignee address) <u>No.3, Creation Rd. 3, Science-Based</u> <u>Industrial Park, Hsin-Chu, Taiwan, R.O.C.</u>, 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: "<u>Shallow trench isolation</u> <u>method used in a semiconductor wafer</u>____"

Which is found in :

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

Assignment, Page 1 of 2

and, in and to, all Letters Patent to be obtained for said invention by the above application or ant 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 $\frac{2/12/1999}{1999}$ (Date of signing).

(Type name of inventor)	Signature of INVENTOR
Chin-Yi Huang	chin - Ji Huang
Chin-Jen Huang	Chia-Jen Haardy
Chen-Chin Liu	Cher-chin Cia
Yun Chang	- Yun Chary

Assignment, Page 2 of 2

RECORDED: 03/03/2000