

05-29-2002

Atty. Docket No.: 0941-0466P

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

1. Name of conveying party(ies):  
[FAMILY NAME (ALL CAPS), Given Name]  
**TSAI, Wen-Bin**  
**WU, Chun-Pei**  
**CHEN, Hui-Huang**
- Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO
2. Name and address of receiving party(ies)  
Name: **MACRONIX INTERNATIONAL CO., LTD.**  
Internal Address:  
Street Address: **No. 16, Li-Hsin Road, Science-Based Industrial Park**  
City: **Hsin-Chu** State: ZIP:  
Country: **TAIWAN, R.O.C.** Postal Code:  
Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: **April 8, 2002**

## 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: **April 8, 2002**

A. Patent Application No(s).

**NEW**

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**  
Street Address: **P.O. BOX 747**  
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**  
Country: **USA**

6. Total No. of applications/patents involved: **ONE (1)**7. Total fee (37 C.F.R. § 3.41): **\$40.00**☒ Enclosed☒ Authorized to be charged to deposit account, if no fee attached.8. Deposit account number: **02-2448**

(Attach triplicate copy of this page if paying by deposit account)

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## 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.

**Joe McKinney Muncy, #32,334**  
Name of Person Signing/Reg. No.

*Joe McKinney Muncy*  
Signature

**May 21, 2002**  
Date

Total number of pages including cover sheet, attachments, and document: **TWO (2)**

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(Rev. 02/11/02)

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**PATENT**  
**REEL: 012924 FRAME: 0694**

## ASSIGNMENT

WHEREAS, Wen-Bin TSAI, Chun-Pei WU and Hui-Huang CHEN  
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements  
as described and set forth in the below identified application for United States Letters Patent:

Title: PROCESS FOR FABRICATING SHARP CORNER-FREE SHALLOW TRENCH  
ISOLATION STRUCTURE

Filed: May 21, 2002 Serial No. NEW  
Executed on: April 8, 2002

WHEREAS, MACRONIX INTERNATIONAL CO., LTD. of No. 16,  
Li-Hsin Road, Science-Based Industrial Park, Hsin-Chu, Taiwan,  
R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S  
interest in the said invention and application and in any U.S. Letters Patent which may be  
granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for  
good and valuable consideration, receipt of which is hereby acknowledged by Assignor,  
Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign  
and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their  
rights, title and interest in and to the said invention and application and all future  
improvements thereon, and in and to any Letters Patent which may hereafter be granted on the  
same in the United States, the said interest to be held and enjoyed by said Assignee as fully and  
exclusively as it would have been held and enjoyed by said Assignor had this Assignment and  
transfer not been made, to the full end and term of any Letters Patent which may be granted  
thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion,  
reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said  
Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said  
application and/or applications, execute, verify, acknowledge and deliver all such further  
papers, including applications for Letters Patent and for the reissue thereof, and instruments of  
assignment and transfer thereof, and will perform such other acts as Assignee lawfully may  
request, to obtain or maintain Letters Patent for said invention and improvement, and to vest  
title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the  
date(s) indicated.

Wen-Bin TSAI

Wen-Bin TSAI

Chun-Pei WU

Chun-Pei WU

Hui-Huang CHEN

Hui-Huang CHEN

2002-04-08

Date:

08-Apr-2002

Date:

08-04-2002

Date: