

12-11-1998

DEPT. OF COMMERCE
Patent and Trademark Office

TS97-475

PA



100918881

or copy thereof.

ic518
09/200552
11/27/98

11.27.98

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):

CHUNG-TE LIN, CHIN-HSIUNG HO AND
HANN-HUEI TSAIAdditional name(s) or conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ other _____

Execution Date: 10/12/98Additional name(s) & address(es) attached? Yes ☒ No

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

09200552

If this document is being filed together with a new application, the execution date of the application is: 10/12/98

A. Patent Application No(s)

B. Patent No(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: GEORGE O. SAILE

Internal Address: _____

Street Address: 20 MCINTOSH DRIVECity: POUGHKEEPSIE State: NY ZIP: 126036. Total no. of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit acct.8. Deposit account number: 19-0033

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

12/09/1998 JSHADAZZ 00000200 190033 09200552

DO NOT USE THIS SPACE

01 FC:581 40.00 CH

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

STEPHEN B. ACKERMAN

Name of Person Signing

Signature

November 24, 1998

Date

Total number of pages comprising cover sheet: 3

For ☒ U.S. and/or ☒ Foreign Rights

For ☒ Application or ☐ U.S. Patent

By ☒ Inventor(s) or ☐ Present Owner

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

ASSIGNOR:

CHUNG-TE LIN
Type or print name of ASSIGNOR

1F-1, No. 3, 2nd Lane
Address

1-Lane Rd., Taipei, R.O.C.

Republic of China
Nationality

HIANN-HUEI TSAI
Type or print name of ASSIGNOR

No. 32, 186 alley, 25 Lane
Address

2-section, Ken-Ning Rd. Taipei, R.O.C.

Republic of China
Nationality

CHIN-HSIUNG HO
Type or print name of ASSIGNOR

1065 PAINTBRUSH DRIVE
Address

SUNNYVALE, CA 94086, USA

Republic of China
Nationality

ASSIGNEE:

Taiwan Semiconductor Manufacturing Co. Ltd.
121 Park Ave. 3
Science-Based Industrial Park
Hsin-Chu, Taiwan, R.O.C.
Taiwan, R.O.C.
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
- ☐ an undivided _____ percent (____%) interest for the United States and its territorial possessions
(check the following box if foreign rights are also to be assigned)
- ☒ and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

Improved Method For Producing Shallow Trench Isolation Structure

and 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. _____ filed on _____
- (d) ☐ U.S. patent no. _____ issued _____
(also check (e) if foreign application(s) is also being assigned)
- (e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

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 re-issue 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 purposes thereof.

IN WITNESS WHEREOF, I / We have signed this

Oct. 12, 1998 (Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Chung-Te Lin
Signature of ASSIGNOR(s)

Chun-Hing Ho

Jun-Hsi Tzeng

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

Note: No witnessing, notarization or legalization is necessary; if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired

____ Notarization or Legalization Page Added.