

09-25-2000



Docket No. JCLA6030

9-13-00

101467660

Form 1595
1-31-92

RECORDATION FORM COVER SHEET

U.S. Department of Commerce
Patent and Trademark Office

PATENTS ONLY

JCE93 U.S. PTO
09/661098
09/13/00

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Chine-Gie Lou	2. Name/address of receiving Party(ies): Taiwan Semiconductor Manufacturing Co., Ltd. 121, Park Ave. III, Science-Based Industrial Park Hsin-Chu 300, Taiwan, R.O.C.
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Change of Name <input type="checkbox"/> Reassignment	
Date(s) of execution: July 25, 2000.	Add'l names of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Application number(s) or patent number(s): 09/661098 If this documents is being filed together with a new application, the execution date of the application is July 25, 2000.	
A. Patent Application No. (s) Additional numbers attached ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No. (s)
6. Name and address of party to whom correspondence concerning document should be mailed: J.C. Patents, Inc. 1340 Reynolds Ave., Suite 114 Irvine, CA 92614 (949) 660-0761	7. Total No. of applications and patents involved: ONE(1) 8. Total fee (37 CFR §3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge to Acct. No. 9. Total number of pages, including cover sheet, attachments and document 3.

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10. 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.

Jiawei Huang
Name of Person Signing

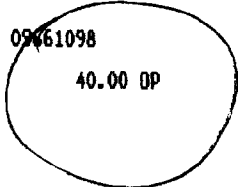
Jiawei Huang
Signature

9/13/2000
Date

Registration No. 43, 330

09/25/2000 DNGUYEN 00000675 09/661098

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ASSIGNMENT

WHEREAS,

1. Chine-Gie Lou

hereinafter 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: A METHOD OF MANUFACTURING A DEEP TRENCH CAPACITOR

Filed: Serial No.

Executed concurrently with the execution of this instrument

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd.
of 121, Park Ave. III, Science-Based Industrial Park Hsin-Chu, 300 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

ASSIGNMENT CONTINUED

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.

Chine - Gie Lou

July 25, 2000

Signature:

Date:

Sole or First Joint Inventor: Chine-Gie Lou