

07-31-2000

Docket No. JCLA5837

Form 1595
1-31-92

RECORDATION



101417725

Department of Commerce
Patent and Trademark Office

PATENTS ONLY

7.5.00

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

1. Name of conveying party(ies):

Chih-Wei Hung; Chi-Jen Shih

2. Name/address of receiving
Party(ies):Taiwan Semiconductor Manufacturing
Co., Ltd.3. Nature of conveyance: ☒ Assignment☐ Merger ☐ Security Agreement ☐ Other☐ Change of Name ☐ Reassignment121, Park Ave. III, Science-Based
Industrial Park Hsin-Chu 300, Taiwan,
R.O.C.

Date(s) of execution: April 25, 2000.

Add'l names of receiving parties

Attached? ☐ Yes ☒ No

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

**If this documents is being filed together with a new application, the
execution date of the application is April 25, 2000.**

A. Patent Application No. (s)

09/609212

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No6. 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) 660-07617. Total No. of applications and patents
involved:

ONE(1)

8. Total fee (37 CFR §3.41): \$40.00 **E**☒ Enclosed☐ Charge to Acct. No.9. Total number of pages, including
cover sheet, attachments and document 3.

DO NOT USE THIS SPACE

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
Signature7/5/2000
Date

Registration No. 43, 330

07/31/2000 NTHAI1 00000052 09609212

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JCE33 U.S. PTO
09/609212
07/05/00PATENT
REEL: 010947 FRAME: 0822

ASSIGNMENT

WHEREAS,

1. Chih-Wei Hung

2. Chi-Jen Shih

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: **METHOD OF MANUFACTURING THE FLOATING GATE OF SPLIT-GATE FLASH MEMORY**

[] Filed: Serial No.

[x] 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 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.

ASSIGNMENT CONTINUED

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.

Chih-Wei Hung

Signature:

Sole or First Joint Inventor: Chih-Wei Hung

2000.04.25.

Date:

Chi-Jen Shih

Signature:

Second Joint Inventor (if any): Chi-Jen Shih

2000.4.25

Date: