FORM PTO-1595

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TS98-239

01-22-1999

100946557

To the Honorable Commissioner of Pa

Name of conveying party(ies)

original documents or copy thereof

dress of receiving party(ies).

**JIAN-HSING LEE, SHUI-HUNG CHEN AND
JIAW-REN SHIH**

Name: **Taiwan Semiconductor Manufacturing
Company**

Internal Address:

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

Street Address:

3. Nature of conveyance

[X] Assignment   [ ] Merger

[ ] Security Agreement [ ] Change of Name

[ ] Other

**121 Park Ave. 3
Science-Based Industrial Park
City: Hsin-Chu   Zip:
Country: Taiwan, R.O.C.**

Execution Date **12/1/98**

Additional name(s) & address(es) attached   Yes   X No

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 **12/1/98**
A. Patent Application No(s)   B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence
concerning document should be mailed:
Name: **GEORGE O. SAILE**
Internal Address

6. Total no. of applications and patents involved:: **1**

7. Total fee (37 CFR 3.41): **$ 40.00**

[ ] Enclosed

Street Address **20 MCINTOSH DRIVE**

[X] Authorized to be charged to deposit acct

City: **POUGHKEEPSIE** State: **NY** ZIP: **12603**

8. Deposit account number: **19-0033**
(Attach duplicate 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*

STEPHEN B. ACKERMAN   **January 8, 1999**
Name of Person Signing   Signature   Date

Total number of pages comprising cover sheet:

For [x] U.S. and/or [x] Foreign Rights

For [x] Application or [ ] U.S. Patent

By [x] 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

Jian-Hsing Lee
Type or print name of ASSIGNOR

No. 11 Pan-San rd,
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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)

[x] 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)

[x] and in all foreign countries

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

A Robust Latchup-Immune CMOS Structure

PATENT
REEL: 9704 FRAME: 0624

and which is found in

(a) [X] 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

_____ Ŋ Ɗ e C . 1 /5 5 ? _____ (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.

Jian-Hsing Lee

Signature of ASSIGNOR(S)

_____

_____

_____

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