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CHIEN-FONG CHEN AND YAO-YU LEE

Additional name(s) or conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance

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

Execution Date: 5/6/98

2. Name and address of receiving party(ies):

Name: Taiwan Semiconductor Manufacturing Company

Internal Address:

Street Address:

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

Additional name(s) & address(es) attached? Yes ☒ 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: 5/6/98, 5/31/98

A. Patent Application No(s)

B. Patent No(s)

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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

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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

GEORGE O. SAILE

Name of Person Signing

George O. Saile

Signature

8/12/98

Date

Total number of pages comprising cover sheet: 3

PATENT

REEL: 9392 FRAME: 0533

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:

CHIEN-FONG CHEN
Type or print name of ASSIGNOR
31, Liao-Yang 5 Street,
Address
Bei-Tun, Taichung
Taiwan, R O C
Nationality

Yao-Yu Lee
Type or print name of ASSIGNOR
no. 236 Chung-Shan RD.
Address
chia-Yi, Taiwan, R.O.C.
Taiwan, R.O.C.
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:

Dosage Micro Uniformity Mwasurement in Ion Implantation

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☒ U.S. patent application executed on 5/6/98 and 5/31/98
(c) ☐ U.S. application serial no. _____ filed on _____
(d) ☐ U.S. patent no. _____ issued _____
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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.

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IN WITNESS WHEREOF, I / We have signed this

May/06/98 (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.

Chien-Fong Chen
Signature of ASSIGNOR(S)
Yao-Lin Lee

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 of Legalization Page Added.

RECORDED: 08/14/1998

PATENT
REEL: 9392 FRAME: 0535