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COVER SHEET

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To the Honorable Commissione.

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ched original documents or copy thereof.

1. Name of conveying party(ies):

and address of receiving party(ies):

KUO CHING HUANG, WEN-CHUAN CHIANG,
CHENG-MING WU AND YU-HUA LEEName: Taiwan Semiconductor Manufacturing
CompanyAdditional name(s) or conveying party(ies) attached? ☐ Yes ☒ No

Internal Address

Street Address:

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

3. Nature of conveyance



Assignment



Merger



Security Agreement



Change of Name



other

Execution Date: 4/9/98Additional 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: 4/9/98A. Patent Application No(s)B. Patent No (s)Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: GEORGE O. SAILE

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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

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To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy
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PATENT

REEL: 9217 FRAME: 0140

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05/07/98

M20 5-7-98

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,

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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:

A Method To Form A Recess Free Deep Contact

PATENT

REEL: 9217 FRAME: 0141

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 _____
(e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority
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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.

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.

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IN WITNESS WHEREOF, I / We have signed this

Apr. 9, 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.

Kuo Ching Huang
Signature of ASSIGNOR(S)
W C Chwang
James H. 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.