

07-24-1998

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To the Honorable Commissioner of

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and original documents or copy thereof

1. Name of conveying party(ies)

CHIA-TA HSIEH, YAI-FEN LIN,  
HUNG-CHENG SUNG, CHUANG-KE YEH AND  
DI-SON KUOAdditional name(s) or conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance



Assignment



Merger



Security Agreement



Change of Name



other

Execution Date: 5/29/98

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: 5/29/98A. 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

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 documentGEORGE O. SAILE

Name of Person Signing

George O. Saile

Signature

7/13/98

Date

Total number of pages comprising cover sheet: 3

PATENT

REEL: 9330 FRAME: 0537

Jc135 U.S. PTO  
09/115719  
07/15/98

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,

#### ASSIGNOR:

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**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/f 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 Of Fabricating Step Poly To Improve Program Speed In Split Gate Flash**

PATENT

REEL: 9330 FRAME: 0538

For ☒ U.S. and/or ☒ Foreign Rights

For ☒ Application or ☐ U.S. Patent

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### 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:

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#### ASSIGNEE:

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**Science-Based Industrial Park**  
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**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  
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*(check the following box/f 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 Of Fabricating Step Poly To Improve Program Speed In Split Gate Flash**

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 \_\_\_\_\_  
(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

May 26 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

Chen Tai Hsueh  
Signature of ASSIGNOR(S)  
Yue-fen Lin  
Weng-cheng Sung  
Sheng-shan Lin  
Yue-fen Lin

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

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Notarization or Legalization Page Added