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**CHENG-YEH SHIH, CHUNG-LONG CHANG AND  
JIN-YUAN 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: **9/3/99**

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: **9/3/99**

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**

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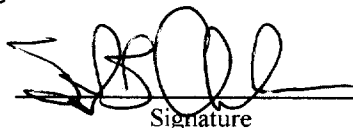
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*To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document***STEPHEN B. ACKERMAN**

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**November 11, 1999**

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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**  
**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)

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

**An Improved Method To Form Self-Aligned Contacts With Polysilicon Plugs**

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 \_\_\_\_\_  
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IN WITNESS WHEREOF, I / We have signed this

9/3/99

(Date of signing)

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CHENG-YEH SHIH  
Signature of ASSIGNOR(S)  
Chung-Long Chang  
Jin-Yuan 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

\_\_\_\_\_  
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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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