

11-16-2004

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7/22/2003

Name (line 2)

Second Party

Name (line 1) HSIAO, Yu-Kung

Execution Date  
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Name (line 1) Taiwan Semiconductor Manufacturing Co.

Name (line 2)

Address (line 1) 121 Park Avenue Road 3

Address (line 2) Science Based Industrial Park

Address (line 3) Hsin-Chu

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Area Code and Telephone Number

609-631-2435

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Name (line 1) CHANG, Chih-Kung

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Month Day Year  
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Name (line 2)

Name (line 1) PAN, Sheng-Liang

Execution Date  
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07/22/2003

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Patent Number(s)

For ☒ U.S. and/or ☒ Foreign RightsFor ☒ Application or ☐ U.S. PatentBy ☒ 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:****HUNG-JEN HSU**

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Taiwan R.O.C.

Nationality

**ASSIGNEE:**

Taiwan Semiconductor Manufacturing Co.  
121 Park Avenue Road 3,  
Science Based Industrial Park  
Hsin-Chu 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  
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in and to any and all improvements which are disclosed in the invention entitled:

**A Novel Material To Improve Cmos Image Sensor Yield During Wafer Sawing**

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

07/22/2003 (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.

Hung-Ten Hsu  
Signature of ASSIGNOR(S)  
Yu-Kung Hsiao  
Chih-Kung Chang  
SHENG-LIANG PAN

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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