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To the Honorable Commissioner of Patent

1. Name of conveying party(ies):

BAO-RU YOUNG, LI-CHIH CHAO, SHWANGMING JENG AND CHI-SHIUNG TSAI

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

3. Nature of conveyance

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

Execution Date: 5/9/00

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: 5/9/00

A. Patent Application No(s)

B. Patent No.(s)

09624020

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: GEORGE O. SAILE

Internal Address: _____

Street Address: 20 MCINTOSH DRIVE

City: POUGHKEEPSIE State: NY ZIP: 12603

6. Total no. of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

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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

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Name of Person Signing

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Signature

July 21, 2000

Date

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Total number of pages comprising cover sheet: 3

PATENT

REEL: 011120 FRAME: 0061

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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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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- and in all foreign countries

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

Method Of Cleaning A Copper/Porous Low-K Dual Damascene Etch

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

May 3, 2000 (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.

Bao Ru Young
Signature of ASSIGNOR(S)

[Signature]

Jeng Shengming

Chia Shing Tsai

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.