

Office

10-04-2001



ONLY

TS01-356

101864737

11000 U.S. PTO 09/27/01 09/27/01

To the Honorable Commissioner

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

2. Name and address of receiving party(ies):

CHAO-CHENG CHEN, CHEN NAN YEH

Name: Taiwan Semiconductor Manufacturing Company

09/27/01

Internal Address:

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

Street Address:

3. Nature of conveyance

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

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

Execution Date: 8/7/01

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

09/963594

If this document is being filed together with a new application, the execution date of the application is: 8/7/01 & 8/8/01

A. Patent Application No(s)

B. Patent No.(s)

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: _____

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

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

Enclosed

Street Address: 20 MCINTOSH DRIVE

Authorized to be charged to deposit acct.

City: POUGHKEEPSIE State: NY ZIP: 12603

8. Deposit account number: 19-0033

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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 document

STEPHEN B. ACKERMAN

Name of Person Signing

[Signature]

Signature

9/25/01

Date

10/05/2001 AAHMED1 00000000 190033 40.00 CH

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:

CHAO CHENG CHEN
Type or print name of ASSIGNOR
14-6 Min-Tsu Rd. Matou,
Address
Tainan County, Taiwan
Taiwan, R.O.C.
Nationality

CHEN NAN YEH
Type or print name of ASSIGNOR
172 Ming-Feng Street
Address
Hsi-Chih City, Taipei, Taiwan
Taiwan, R.O.C.
Nationality

ASSIGNEE:

Taiwan Semiconductor Manufacturing Co. Ltd.
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 Process To Reduce Surface Roughness Of Low K Dielectric

and which is found in

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on 8/7 & 8/8/01
- (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

Aug. 7, 2001 (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.

Chow-hey Chen
Signature of ASSIGNOR(S)

Chen-Nan Yeh

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.