

10-22-2002

Office



ONLY

TS01-1654

To the Honorable Commissioner of

102256431

Attached original documents or copy thereof.

1. Name of conveying party(ies):

TIEN-I BAO, HSIN-HSIEN LU, LIH-PING LI,
CHUNG-CHI KO, AARON SONG, SYUN-MING
JANG

10/15/02

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

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

3. Nature of conveyance

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

Execution Date: 8/8/02

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

10/270974

If this document is being filed together with a new application, the execution date of the application is: 8/5/02 & 8/11/02
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: _____

Street Address: 28 DAVIS AVENUE

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
- Authorized to be charged to deposit acct.

8. Deposit account number: 19-0033
(Attach duplicate copy of this page if paying by deposit account)

10/22/2002 TDIAZI 00000059 190033 10270974
01 FC:8021 40.00 CH

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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 document

STEPHEN B. ACKERMAN
Name of Person Signing

Signature

10/15/02
Date

J1011 U.S. PTO
10/270974
10/15/02

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:

TIEN-I BAO
Type or print name of ASSIGNOR
No. 183, Nan-kun Rd.
Address
Hsin-chu, Taiwan
R.O.C., Republic of China,
Nationality
Taiwan

HSIN-HSIEN LU
Type or print name of ASSIGNOR
7th Fl. No. 63 Sec. 3 Jigguo Rd., Hsinchu
Address
Taiwan, 300 R.O.C.
R.O.C., Republic of China, Taiwan
Nationality

LIH-PING LI
Type or print name of ASSIGNOR
7th. No. 18, Huanghua 2nd St.
Address
Hsin-chu, Taiwan
R.O.C., Republic of China,
Nationality
Taiwan

CHUNG-CHI KO
Type or print name of ASSIGNOR
No. 46, Tzushan Rd, Tzushan Jen,
Address
Kantai, Taiwan
R.O.C., Republic of China, Taiwan
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:

SiOC:H Low K Surface Protection Layer Formation By C₂H₄ Gas Plasma Treatment

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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:

AARON SONG
Type or print name of ASSIGNOR
104-3, Nien-Pu E. Rd.,
Address
Hsin-chu, Taiwan, ROC
Republic of China, Taiwan
Nationality

SYUN-MING JANG
Type or print name of ASSIGNOR
7F, 83 N. Kuan-Hua St
Address
Hsin-chu, Taiwan, ROC
Republic of China, Taiwan
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)

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- and in all foreign countries

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

SiOC:H Low K Surface Protection Layer Formation By C_xH_y Gas Plasma Treatment

and which is found in

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on 8/5/02 & 8/08
- (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
8/8/02 (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.

Jen-L Bao
Signature of ASSIGNOR(S)

Hsin-Hsien Lu

Lih-Ping Lu

Chyng-Chi Luo

Baron Song

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.

and which is found in

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on 8/5/02 & 8/8/02
- (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.

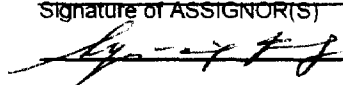
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IN WITNESS WHEREOF, I / We have signed this

8/8/02 (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.

Signature of ASSIGNOR(S) _____


 Aaron Song

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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