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To the Honorable Commissioner of

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Send original documents or copy thereof.

1. Name of conveying party(ies):

HUI-PENG WANG, KUO-WEI LIN, HWEI-MEI YU,
TA-YANG LIN, CHARLES TSENG

06/21/02

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:

5 Yishun Street 23, #05-01
City: Singapore Zip: 768442
Country: Singapore

11046 U.S. PTO
10/176940
06/21/02

3. Nature of conveyance

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

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Execution Date: 5/20/02

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

10/176940

If this document is being filed together with a new application, the execution date of the application is: 5/20/02
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: 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
- Authorized to be charged to deposit acct.

8. Deposit account number: 19-0033
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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

GEORGE O. SAILE

Name of Person Signing

George O. Saile
(Signature)

6/21/02

Date

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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:

HUI-PENG WANG
Type or print name of ASSIGNOR
No. 24, Jingfeng St., Wenshan chiu
Address
Taipei, Taiwan
Republic of China, Taiwan
Nationality

KUO-WEI LIN
Type or print name of ASSIGNOR
No 17-1, ZEL, Ji Yu Road, ChouDeng Jen, Shinchu
Address
county Taiwan
Republic of China, Taiwan
Nationality

HUEI-MEI YU
Type or print name of ASSIGNOR
No. 30, Lane 239, MingShing Rd.,
Address
Judung Jen, HsinChu, Taiwan 310
Republic of china, Taiwan
Nationality

TA-YANG LIN
Type or print name of ASSIGNOR
No. 8, Lane He Xing, Shiaukun Tsuen, Shioushuei Shiang,
Address
Chughua Taiwan 504.
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 if 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 Novel Method To Make Wafer Laser Marks Visible After Bumping Process

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:

CHARLES TSENG

Type or print name of ASSIGNOR

No. 10, Lane 115, Shueinan Rd.,
Address

Beituen Chin, Taichung, Taiwan 406,

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 if 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 Novel Method To Make Water Laser Marks Visable After Bumping Process

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 _____
(also check (e) if foreign application(s) is also being assigned)
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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
5/20/02 (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.

Hui-Peng Wang
Signature of ASSIGNOR(S)

Kuo Wei Lin

Hsiu-Mei Yu

Ta-Yang Lin

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 or 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 _____
- (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
_____ 5/20/02 (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.

LI-HSIN TSENG
Signature of ASSIGNOR(S)

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.