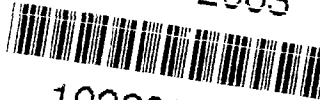


Office

11-14-2003



102600780

TS02-761

To the Honorable Commissioner of Patents &

I. Name of conveying party(ies):

al documents or copy thereof.  
of receiving party(ies):

NAI-CHIANG CHEN, TA-CHIN LIN, JOSEPH  
CHANG, CHUNG-SHEN CHEN, VINCENT CHIU

Name: Taiwan Semiconductor Manufacturing  
Company

11-5-03

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

Internal Address:

Street Address:

No. 8, Li-Hsin Rd. 6  
Science-Based Industrial Park  
Hsin-Chu, Taiwan 300-77  
Taiwan, R.O.C.

15834 U.S. PTO  
10/701960  
110503

3. Nature of conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- other \_\_\_\_\_

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

Execution Date: 9/29/03

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

10701960

If this document is being filed together with a new application, the execution date of the application is: 9/29/03

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

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STEPHEN B. ACKERMAN

Name of Person Signing

Signature

11/5/03

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:**

**NAI-CHIANG CHEN**  
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ROC, Republic of China, Taiwan  
Nationality

**ASSIGNEE:**

**Taiwan Semiconductor Manufacturing Co.**  
**No. 6, Li-Hsin Rd. 6**  
**Science Based Industrial Park**  
**Hsin-Chu Taiwan 300-77**  
**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:

**Forecast Test-Out Of Probed Fabrication By Using Dispatching Simulation Method**

TS02-761

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:**

**VINCENT CHIU**

Type or print name of ASSIGNOR

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Address

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*R.O.C., Republic of China, Taiwan*

Nationality

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**Science Based Industrial Park**

**Hsin-Chu Taiwan 300-77**

**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:

**Forecast Test-Out Of Probed Fabrication By Using Dispatching Simulation Method**

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.

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  
9/29/2003 (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.

NAI-CHIANG CHEN  
 Signature of ASSIGNOR(S)  
Ta-Chin Chen  
Joseph Chang  
CHUNG-SHEN CHEN

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 \_\_\_\_\_
- (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 clam 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  
9/29/2003 (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.

Vincent Chow  
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

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