

01-28-2004

FORM PTO-1595

(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)

1-23-04



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U.S. DEPARTMENT OF COMMERCE
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RE

To the Honorable Commissioner of 102655561 the enclosed original documents or copy thereof.

1. Name of conveying part(ies):

- (1) Hsueh-Cheng LIN
- (2) Jung-Huang PENG
- (3) Chin-Chen CHANG
- (4) Chia-Fu TSAI
- (5) Zhen-Dao SHEN

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

2. Name and address of receiving party(ies)

Name: Taiwan Semiconductor Manufacturing Co., Ltd.

Street Address: 121, Park Ave. III,
Science-Based Industrial Park
Hsin-Chu 300, Taiwan, R.O.C.

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: April 7, 2003; April 8, 2003

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:

A. Patent application No.(s)

10/600,723

B. Patent No.(s)

Additional numbers attached? Yes No

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

Daniel R. McClure
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

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

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8. Deposit Account Number:

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Daniel R. McClure

January 21, 2004

Typed Name

Signature

Date

Docket #: 252011-1190

Total number of pages including cover sheet, attachments, and document: [3]

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PATENT
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April 7, 2003; April 8, 2003

A. Patent application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

6-20-03

10/600723

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

Daniel R. McClure
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

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16424 U.S. PTO
10/600723
06/20/03

PATENT
REEL: 014911 FRAME: 0945

ASSIGNMENT

WHEREAS, Hsueh-Cheng LIN, Jung-Huang PENG, Chin-Chen CHANG
Chia-Fu TSAI and Zhen-Dao SHEN hereafter referred to as
ASSIGNOR, has/have invented certain new and useful improvements as described and set
forth in the below identified application for United States Letters Patent:

Title: LOCK STRUCTURE AND METHOD FOR USING THEREOF

Filed: _____ Serial No. _____

Executed on: April 7, 2003 and April 8, 2003

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd. of
121, Park Ave. III, Science-Based Industrial Park, Hsin-Chu 300,
Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring
ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent
which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for
good and valuable consideration, receipt of which is hereby acknowledged by Assignor,
Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and
transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights,
title and interest in and to the said invention and application and all future improvements
thereon, and in and to any Letters Patent which may hereafter be granted on the same in the
United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively
as it would have been held and enjoyed by said Assignor had this Assignment and transfer not
been made, to the full end and term of any Letters Patent which may be granted thereon, or of
any division, renewal, continuation in whole or in part, substitution, conversion, reissue,
prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said
Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said
application and/or applications, execute, verify, acknowledge and deliver all such further
papers, including applications for Letters Patent and for the reissue thereof, and instruments of
assignment and transfer thereof, and will perform such other acts as Assignee lawfully may
request, to obtain or maintain Letters Patent for said invention and improvement, and to vest
title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the
date(s) indicated.

Hsueh-Cheng Lin
Hsueh-Cheng LIN

04/07/2003
Date:

Jung-Huang Peng
Jung-Huang PENG

04/07/2003
Date:

Chin-chen chang

Chin-Chen CHANG

04/07/2003

Date:

Chia-Fu TSAI

Chia-Fu TSAI

04/07/2003

Date:

Zhen Dao Shen

Zhen-Dao SHEN

04/08/2003

Date: