

03-28-2002

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id Trademarks:
or copy thereof.10978 U.S. PRO
10/100051
03/19/02

1. Name of conveying party(ies):

[FAMILY NAME (ALL CAPS), Given Name]

CHEN, Ker-Min

WANG, Wen-Tai

3-19-02

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:Execution Date: **January 17, 2002 and January 23, 2002**

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: **January 17, 2002 and January 23, 2002**

A. Patent Application No(s).

NEW

10,10051

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

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

Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**Street Address: **P.O. BOX 747**City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**Country: **USA**6. Total No. of applications/patents involved: **ONE (1)**7. Total fee (37 C.F.R. § 3.41): **\$40.00**☒ Enclosed☒ Authorized to be charged to deposit account,
if no fee attached.8. Deposit account number: **02-2448**(Attach triplicate copy of this page
if paying by deposit account)

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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.*Joe McKinney Muncy, #32,334
Name of Person Signing/Reg. No.James T. Ellery #39,538
SignatureMarch 19, 2002
DateTotal number of pages including cover sheet, attachments, and document: **TWO (2)**

KM/sl

(Rev. 02/11/02)

ASSIGNMENT

WHEREAS, Ker-Min CHEN and Wen-Tai WANG
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: CIRCUIT TO ELIMINATE BUS CONTENTION AT CHIP POWER UP
Filed: March 19, 2002 Serial No. NEW
Executed on: January 17, 2002 and January 23, 2002

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.

Ker-Min Chen
Ker-Min CHEN

2002 / 1 / 17
Date:

王泰 Wen-Tai Wang
Wen-Tai WANG

2002 / 1 / 23
Date: