

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



To the Honorable Commissioner of Pa.

102645912

original documents or copy thereof.

31353 U.S. PTO  
10749916

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1. Name of conveying part(ies):  
(1) Yen-Hung CHEN  
Additional name(s) of conveying party(ies) attached?  Yes  No

12.31.03

2. Name and address of receiving party(ies)  
Name: Taiwan Semiconductor Manufacturing Co., Ltd.  
Street Address: No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, R.O.C.

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date: December 30, 2003

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

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: December 30, 2003  
A. Patent application No.(s) 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  
 Enclosed  
 Authorization to charge credit card (attached)  
8. Deposit Account Number:  
20-0778  
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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.*  
**Daniel R. McClure** *[Signature]* Dec 30, 2003  
Typed Name Signature Date  
Docket #: 252011-1850 Total number of pages including cover sheet, attachments, and document: [2]

Mail documents to be recorded with required cover sheet information to:

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Alexandria, VA 22313-1450

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**ASSIGNMENT**

WHEREAS, Yen-Hung CHEN

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: DISPATCH METHOD AND SYSTEM

Filed: \_\_\_\_\_ Serial No. \_\_\_\_\_

Executed on: December 30, 2003

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd. of No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, 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.

Yen-Hung Chen  
Yen-Hung CHEN

2003/12/30  
Date:

TSMC2001-1472/0503-8768US

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Address all correspondence to:

Daniel R. McClure, Reg. No. 38,962

THOMAS, KAYDEN, FORSTEMEYER  
& RISLEY, L.L.P.  
100 Galleria Parkway, N.W., Suite 1750  
Atlanta, Georgia 30339-5948

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature: Yen-Hung Chen Date: 2003/12/30

Full Name of First or Sole Inventor: Yen-Hung CHEN (Last name: CHEN)  
Residence: No. 474, Chungshan Rd., Lukang Chen, Changhua Hsien, Taiwan, R.O.C.  
Citizenship: Taiwan, R.O.C.  
Post Office Address: Same

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