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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

9.7805

1. Name of conveying party(ies)
 Ding-Chung LU
 Chao-Hsiung WANG
 Cheng-Yuan TSAI

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

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

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

113009 U.S. PTO
117237356



3. Nature of conveyance/Execution Date(s):
 Execution Date(s) (1,2) August 12, 2005; (3) August 29, 2005

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
 DTESSEM1 00000084 11237356
 40.00 DP

B. Patent No.(s)

Additional numbers attached? Yes No

08/30/2005
04 FC:8021

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Daniel R. McClure
 Internal Address: Thomas, Kayden, Horstemeyer & Risley, LLP
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 Phone Number: 770-933-9500
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 Email Address: dan.mcclure@tkhr.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
 a. Credit Card Last 4 Numbers 1009
 Expiration Date 07/09
 b. Deposit Account Number _____
 Authorized User Name _____

9. Signature: Daniel R. McClure Sept 28, 2005
 Signature Date

Name of Person Signing: Daniel R. McClure
 Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, Ding-Chung LU, Chao-Hsiung WANG and Cheng-Yuan TSAI 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: INTERCONNECT STRUCTURE WITH POLYGON CELL STRUCTURES

Filed: _____ Serial No. _____

Executed on: August 12, 2005 and August 29, 2005

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.

Ding-Chung Lu
Ding-Chung LU

8/12/05
Date:

Chao-Hsiung Wang
Chao-Hsiung WANG

8/12/05
Date:

Cheng-Yuan Tsai
Cheng-Yuan TSAI

8/29/05
Date:

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RECORDED: 09/28/2005

PATENT
REEL: 017041 FRAME: 0606