

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Chin-Min Lin		01/22/2007
RECEIVING PARTY DATA		
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	
Street Address:	No. 8, Li-Hsin Rd. 6	
Internal Address:	Science-Based Industrial Park	
City:	Hsin-Chu	
State/Country:	TAIWAN	
Postal Code:	300-77, R.O.C.	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11625353	
CORRESPONDENCE DATA		
Fax Number:	(770)951-0933	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	770-933-9500	
Email:	dan.mcclure@tkhr.com	
Correspondent Name:	Daniel R. McClure	
Address Line 1:	100 Galleria Parkway	
Address Line 2:	Suite 1750	
Address Line 4:	Atlanta, GEORGIA 30339	
ATTORNEY DOCKET NUMBER:	252011-4170	
NAME OF SUBMITTER:	Daniel R. McClure	
Total Attachments: 2 source=00490783#page1.tif source=00490783#page2.tif		

OP \$40.00 11625353

PATENT

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REEL: 018945 FRAME: 0136

## ASSIGNMENT

WHEREAS, Chin-Min LIN 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: SEMICONDUCTOR DEVICE

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

Executed on: January 22, 2007

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.

TSMC2006-0250/0503-A32105US

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

CHIN-MIN LIN.  
Chin-Min LIN

1/12 2007  
Date:

TSMC2006-0250/0503-A32105US

RECORDED: 03/01/2007

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REEL: 018945 FRAME: 0138