

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tzyh-Cheang Lee</td> <td>09/16/2005</td> </tr> <tr> <td>Jiunn-Ren Hwang</td> <td>09/16/2005</td> </tr> <tr> <td>Tsung-Lin Lee</td> <td>09/16/2005</td> </tr> </tbody> </table>		Name	Execution Date	Tzyh-Cheang Lee	09/16/2005	Jiunn-Ren Hwang	09/16/2005	Tsung-Lin Lee	09/16/2005		
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<b>CORRESPONDENCE DATA</b>											
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: THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LL Address Line 1: 600 GALLERIA PARKWAY, S.E. Address Line 2: STE 1500 Address Line 4: ATLANTA, GEORGIA 30339-5994											
ATTORNEY DOCKET NUMBER:	252011-3541										
NAME OF SUBMITTER:	Daniel R. McClure										
Total Attachments: 2 source=01071360#page1.tif											

OP \$40.00 12648598

**501052678**

**PATENT**  
**REEL: 023712 FRAME: 0600**



## ASSIGNMENT

WHEREAS, Tzyh-Cheang LEE, Jiunn-Ren HWANG and Tsung-Lin LEE 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: **SIDEWALL SONOS GATE STRUCTURE WITH DUAL-THICKNESS OXIDE AND METHOD OF FABRICATING THE SAME**

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

Executed on: September 16, 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.

Tzyh-Cheang Lee

Tzyh-Cheang LEE

2005.09.16

Date:

Hwang Jiunn-Ren

Jiunn-Ren HWANG

2005/09/16

Date:

Tsung-Lin Lee

Tsung-Lin LEE

2005.09.16

Date: