PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yi-Chun Lin	03/28/2007
Chi-Chih Chen	03/28/2007
Kuo-Ming Wu	03/28/2007
Ruey-Hsin Liu	03/28/2007

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:	11692213

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	252011-4250
NAME OF SUBMITTER:	Daniel R. McClure

PATENT 500247518 REEL: 019073 FRAME: 0422 OP \$40,00 116922

Total Attachments: 2 source=00502338#page1.tif source=00502338#page2.tif

PATENT REEL: 019073 FRAME: 0423

ASSIGNMENT

WHEREAS, Yi-Chun LIN, Chi-Chih CHEN, Kuo-Ming WU and Ruey-Hsin LIU 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: HIGH VOLTAGE SEMICONDUCTO	DR DEVICES AND	METHODS	FOR	FABRICATING	THE
SAMIZ	- 12			M	1000 X
Filed:	Serial No.				
Executed on: March 28, 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 transfernot 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.

Assigner further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignees 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.

TSMC2006-0982/0503-A32795US

PATENT REEL: 019073 FRAME: 0424 IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Chi-Chih Chen Chi-Chih Chen

Kuo-Ming WU /

Ruey-Hsim LIU

TSMC2006-0982/0503-A32795US

RECORDED: 03/28/2007

PATENT REEL: 019073 FRAME: 0425