## 503115554 12/24/2014

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT							
NATURE OF CONVEYANCE:			ASSIGNMENT						
CONVEYING PARTY D	ΑΤΑ								
			Name	Execution Date					
JU-WANG HSU					04/25/2007				
CHIH-YUAN TING									
TANG-XUAN ZHONG									
YI-NIEN SU		04/25/2007							
JANG-SHIANG TSAI					04/25/2007				
RECEIVING PARTY DA	TA								
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD								
Street Address:	NO.8, LI-HSIN ROAD. 6, SCIENCE-BASED INDUSTRIAL PARK								
City:	HSIN-CHU								
State/Country:	TAIWAN								
Postal Code:	300-77								
PROPERTY NUMBERS Total: 1 Property Type			Number						
Application Number:		1458	2576						
	e sent to	o the e	521-4286 <b>e-mail address first; if that is uns</b> hat is unsuccessful, it will be sen						
			83-8899						
Email:			ncclure@mqrlaw.com						
Correspondent Name: Address Line 1:	•								
Address Line 1: Address Line 2:	3100 INTERSTATE NORTH CIRCLE SUITE 150								
Address Line 4:		ATLANTA, GEORGIA 30339							
ATTORNEY DOCKET N	JMBER:		252011-4321						
NAME OF SUBMITTER:			DANIEL R. MCCLURE						
SIGNATURE:			/Daniel R. McClure/						
DATE SIGNED:			12/24/2014						
Total Attachments: 2 source=00210040#page1	.tif								
					DATENT				

PATENT REEL: 034583 FRAME: 0969

## ASSIGNMENT

WHEREAS, <u>Ju-Wang HSU</u>, <u>Chih-Yuan Ting</u>, <u>Tang-Xuan ZHONG</u>, <u>Yi-Nien SU</u> and <u>Jang-Shiang TSAI</u> 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:	FIN	FIELD	EFFECT	TRANSISTOR	AND	METHOD	OF	FORMING	THE	SAME	
Filed:						Serial	No.			<u> </u>	 
Execut	ed on:	Apri	1 25, 2	007					_		 

WHEREAS, <u>Taiwan Semiconductor Manufacturing Co., Ltd.</u> of <u>No. 8, Li-</u> <u>Hsin Rd. 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77,</u> <u>R.O.C.</u> 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 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.

TSMC2004-1294/0503-A31711US

Ju-Wang HSU 4/rs/2007 Date:

Chih-Yuan Ting

4(25 (2001 Date:

Tang-Man Zhong Tang-Xuan ZHONG

 $\frac{4/z_{\rm J}}{Date:} = \frac{1}{2007}$ 

h Men in

Tow Juy Shing Jang-Shiang TSAI

2007/04/25

Date:

TSMC2004-1294/0503-A31711US

PATENT REEL: 034583 FRAME: 0971

**RECORDED: 12/24/2014**