PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIU-KO JANGJIAN	08/26/2014
TZU-KAI LIN	08/26/2014
CHI-CHERNG JENG	08/26/2014

RECEIVING PARTY DATA

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State/Country:	TAIWAN		
Postal Code:	300-77		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15345279

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ATTORNEY DOCKET NUMBER:	20140658/24061.3437US02
NAME OF SUBMITTER:	JANIE MARTINEZ-HOLM
SIGNATURE:	/Janie Martinez-Holm/
DATE SIGNED:	01/02/2018

Total Attachments: 2

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PATENT 504709909 REEL: 044514 FRAME: 0754

ASSIGNMENT

WHEREAS, SHU-KO JANGJIAN, TZU-KRI LIN, Chi-Cherng JENG
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:

WHEDEAC Charles IANICHANI To VELLINI OLI CI

Title: ST	CRUCTURE	AND FORMATION	<u>METHOD OF FIN-LIK</u>	Œ FIELD EFFE	CT TRANSISTOR
Filed: _	Septem	ber 11, 2014	Serial No.	14/483,617	
Execute	d on:	August 26, 2014			

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd, of No.8, Li-Hsin Road. 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.

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REEL: 033728 FRAME: 0219

PATENT REEL: 044514 FRAME: 0755 Application SN.: 14/483,617 filed on September 11, 2014 Attorney Docket No.: 0941-2978PUS2

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ASSIGNMENT

Date

Name: Shiu-Ko I

(Last name: JANGJIAI

8/26/2014

Name: Tzu-Kai LIN

(Last name: LIN)

Date /

Name: Chi-Cherng JENQ

(Kast name: JENG)

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RECORDED: 09/12/2014

RECORDED: 01/02/2018

REEL: 033728 FRAME: 0220

REEL: 044514 FRAME: 0756