

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHEN GENG	08/15/2019
KITCHUN KWONG	08/15/2019
TAICHENG SHIEH	08/15/2019
BO-SHIUAN SHIE	08/15/2019
PO-NIEN CHEN	08/15/2019
CHIH-YUNG LIN	08/15/2019
RECEIVING PARTY DATA	
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City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300-78
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16547942
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SIGNATURE:	/brian olive/
DATE SIGNED:	08/23/2019
Total Attachments: 2	

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ASSIGNMENT

WHEREAS, Zhen GENG, Kitchun KWONG, Taicheng SHIEH, Bo-Shiuan SHIE, Po-Nien CHEN and Chih-Yung 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: STRUCTURE AND FORMATION METHOD OF SEMICONDUCTOR DEVICE WITH FIN STRUCTURES

Filed: August 22, 2019

Serial No. 16/547,942

Executed on: August 15, 2019

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd., of No. 8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu 300-78, Taiwan 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.

ASSIGNMENT

02/15/2019 Zhen Geng
 Date Name: Zhen GENG

8/15/2019 Kit Chun Kwong
 Date Name: Kitchun KWONG

08/15/2019 Taicheng Shieh
 Date Name: Taicheng SHIEH

08/15/2018 Bo-Shiuan Shie
 Date Name: Bo-Shiuan SHIE

8/15/2019 Po-Nien Chen
 Date Name: Po-Nien CHEN

8/15/2019 Chih-Yung Lin
 Date Name: Chih-Yung LIN