

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHI-NING JU	02/19/2020
KUO-CHENG CHIANG	02/19/2020
GUAN-LIN CHEN	02/19/2020
CHIH-HAO WANG	03/18/2020
RECEIVING PARTY DATA	
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State/Country:	TAIWAN
Postal Code:	300-78
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16834440
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ATTORNEY DOCKET NUMBER:	0941-4129PUS2
NAME OF SUBMITTER:	PHILLIP R. TASHJIAN
SIGNATURE:	/Phillip R. Tashjian/
DATE SIGNED:	03/31/2020
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, Shi-Ning JU, Kuo-Cheng CHIANG, Guan-Lin CHEN and Chih-Hao WANG 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 STRESSOR

Filed: March 30, 2020

Serial No. 16/834,440

Executed on: February 19, 2020 and March 18, 2020

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

<u>2020/2/19</u>	<u>Shi-Ning JU</u>
Date	Name: Shi-Ning JU
<u>2020/2/19</u>	<u>Kuo-Cheng CHANG</u>
Date	Name: Kuo-Cheng CHANG
<u>2020/2/19</u>	<u>Guan-Lin Chen</u>
Date	Name: Guan-Lin CHEN
<u>3/18/2020</u>	<u>Chih-Hao Wang</u>
Date	Name: Chih-Hao WANG