

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YI-CHENG LI	07/27/2017
CHIEN-HAO CHEN	07/27/2017
YUNG-CHENG LU	07/27/2017
JR-JUNG LIN	07/31/2017
CHUN-HUNG LEE	07/28/2017
CHAO-CHENG CHEN	08/02/2017
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:	15670401
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ATTORNEY DOCKET NUMBER:	0941-3598PUS1
NAME OF SUBMITTER:	TAN T. TU
SIGNATURE:	/Tan T. Tu/
DATE SIGNED:	08/07/2017
Total Attachments: 4	

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ASSIGNMENT

WHEREAS, Yi-Cheng LI, Chien-Hao CHEN, Yung-Cheng LU, Jr-Jung LIN, Chun-Hung LEE, and Chao-Cheng CHEN

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: **METHOD FOR FORMING SEMICONDUCTOR DEVICE STRUCTURE WITH GATE STRUCTURE**

Filed: August 07, 2017 Serial No. 15/670,401
 Executed on: July 27, 2017; July 28, 2017; and July 31, 2017

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

Date Name: Yi-Cheng LI

Date Name: Chien-Hao CHEN

Date Name: Yung-Cheng LU

Date Name: Jr-Jung LIN

Date Name: Chun-Hung LEE

8/2 2017

Date Name: Chao-Cheng CHEN

Chao-Cheng Chen

ASSIGNMENT

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IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

ASSIGNMENT

2017/7/27 Yi-Cheng Li
 Date Name: Yi-Cheng LI

7/27/2017 Chien-Hao Chen
 Date Name: Chien-Hao CHEN

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 Date Name: Yung-Cheng LU

2017/7/31 Jr Jung Li
 Date Name: Jr-Jung LIN

2017/7/28 Chun-Hung Lee
 Date Name: Chun-Hung LEE

2017/2/28 Chao-Cheng Chen
 Date Name: Chao-Cheng CHEN