

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WUN-KAI TSAI	02/21/2018
WEN-CHE LIANG	02/21/2018
CHAO-KENG LI	02/23/2018
ZHENG-JIE XU	02/22/2018
CHIH-KUO CHANG	03/27/2018
SING-TSUNG LI	03/27/2018
FENG-KUANG WU	03/27/2018
HSU-SHUI LIU	03/27/2018
RECEIVING PARTY DATA	
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State/Country:	TAIWAN
Postal Code:	300-78
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15901970
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/

PATENT

DATE SIGNED:	04/02/2018
Total Attachments: 2 source=00553098#page1.tif source=00553098#page2.tif	



ASSIGNMENT

WHEREAS, Wun-Kai TSAL, Wen-Che LIANG, Chao-Keng LI, Zheng-Jie XU, Chih-Kuo CHANG, Sing-Tsung LI, Feng-Kuang WU, Hsu-Shui LIU

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: **ARCING PROTECTION METHOD AND PROCESSING TOOL**

Filed: 2018-02-22

Serial No. 15/901,970

Executed on: _____

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

2018.2.21 Wun-Kai Tsai
 Date Name: Wun-Kai TSAI

2018.2.21 Wen Che Liang
 Date Name: Wen-Che LIANG

2018.2.23 Chao-Keng Li
 Date Name: Chao-Keng LI

2018.02.22 Zheng-Jie XU
 Date Name: Zheng-Jie XU

2018.3.27 Chih-Kuo Chang
 Date Name: Chih-Kuo CHANG

2018.03.27 Sing-Tsung Li
 Date Name: Sing-Tsung LI

2018.3.27 Feng-Kuang Wu
 Date Name: Feng-Kuang WU

2018.3.27 Hsu-Shui Liu
 Date Name: Hsu-Shui LIU