PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TING-YA LO	06/02/2020
CHI-LIN TENG	06/04/2020
HAI-CHING CHEN	06/04/2020
HSIN-YEN HUANG	06/02/2020
SHAU-LIN SHUE	06/04/2020
SHAO-KUAN LEE	06/02/2020
CHENG-CHIN LEE	06/02/2020

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
Street Address:	8, LI-HSIN RD. 6
Internal Address:	HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300-78

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17829590

CORRESPONDENCE DATA

Fax Number: (216)502-0601

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2165020600

Email: docketing@epiplaw.com

ESCHWEILER & POTASHNIK, LLC **Correspondent Name:**

Address Line 1: 629 EUCLID AVE. Address Line 2: **SUITE 1101**

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER: TSMCP1172USA NAME OF SUBMITTER: NICOLAS A. SMITH SIGNATURE: /Nicolas A. Smith/

DATE SIGNED:	06/01/2022
Total Attachments: 9	
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PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

	Assignor(s): Fing-Ya Lo					
	Assignor(s): Chi-Lin Teng					
	Assignor(s): Hai-Ching Chen					
	Assignor(s): Hsin-Yen Huang					
	Assignor(s): Shau-Lin Shue					
	Assignor(s): Shao-Kuan Lee					
	Assignor(s): Cheng-Chin Lee					
P F	Assignee: Faiwan Semiconductor Manufacturing Co., Ltd. No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China					
AC	GREEMENT					
	WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled					
"C	APPING LAYER OVERLYING DIELECTRIC STRUCTURE TO INCREASE					
RE	ELIABILITY " for which:					
	a non-provisional application for United States Letters Patent:					
	was executed on even date preparatory to filing (each inventor should sign this					
	Assignment on the same day as he/she signs the Declaration); or					
	was filed on and accorded U.S. Serial No; or					

Page 1 of 9

I hereby author	ize and	request	my att	omey	associated	with	Custome	er No.
107476, to inser	rt on the	designa	ted line	s belov	w the filing	date	and appl	ication
number of said application when known:								
U.S. Serial No.				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
filed on								

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for

Page 2 of 9

United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

<u>20≥0,06.0≥</u> Date

Name 1st Inventor Ting-Ya Lo

<u> 7010/6/4</u> Date

Name 2nd Inventor Chi-Lin Teng

Page 4 of 9

06/04/yo'

Name 3rd Inventor Hai-Ching Chen

2020.06.02

Date

Name 4th Inventor Hsin-Yen Huang

2020,05.04 Date

Name 5th Inventor Shau-Lin Shue

<u>>0>0、6、2</u> Date

Name Shap Lee 6th Inventor Shap-Kuan Lee

Name 7th Inventor Cheng-Chin Lee

Page 9 of 9