

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6237000

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHEN-HUA YU	05/21/2020
CHUN-HUI YU	05/21/2020
JENG-NAN HUNG	05/21/2020
KUO-CHUNG YEE	05/21/2020
PO-FAN LIN	05/22/2020
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
Street Address:	NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK,
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300-78
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16942750
CORRESPONDENCE DATA	
Fax Number:	(949)391-4699
<i>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.</i>	
Phone:	886223692800
Email:	usa@jcipgroup.com
Correspondent Name:	JCIPRNET
Address Line 1:	8F-1, NO. 100, ROOSEVELT RD. SEC. 2,
Address Line 4:	TAIPEI, TAIWAN 100404
ATTORNEY DOCKET NUMBER:	095201-US-PA
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	08/05/2020
Total Attachments: 3 source=095201_dcl_assgn#page1.tif	

source=095201_dcl_assgn#page2.tif

source=095201_dcl_assgn#page3.tif

P20191974US00
095201-US-PA

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

☒ Declaration Submitted With Initial Filing

OR

☐ Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)

(Title of the Invention)

SEMICONDUCTOR DEVICE

As a below named inventor (hereinafter designated as the undersigned), I hereby
declare that:

This declaration is directed to:

☒ The attached application,

OR

☐ United States Application Number or PCT International application number

_____ Filed on _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in
the application.

The undersigned hereby acknowledge that any willful false statement made in this
declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more
than five (5) years, or both.

JL > P(7)

P20191974US00
095201-US-PA

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, 1. Taiwan Semiconductor Manufacturing Co., Ltd.
of No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78,
R.O.C.

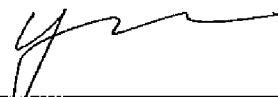
hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned 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 rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned 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.

The undersigned 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.

P20191974US00
095201-US-PA

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

Signature:  Date: 5/21/20

Legal Name of Sole or First Inventor: **Chen-Hua Yu**

Residence: Hsinchu City, Taiwan

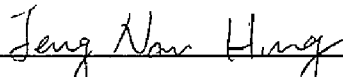
Mailing Address: c/o No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.

Signature:  Date: 5/21/2020

Legal Name of Additional Joint Inventor, if any: **Chun-Hui Yu**

Residence: Hsinchu County, Taiwan

Mailing Address: No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.

Signature:  Date: 5/21/2020

Legal Name of Additional Joint Inventor, if any: **Jeng-Nan Hung**

Residence: Taichung City, Taiwan

Mailing Address: c/o No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.

Signature:  Date: 5/21/2020

Legal Name of Additional Joint Inventor, if any: **Kuo-Chung Yee**

Residence: Taoyuan City, Taiwan

Mailing Address: c/o No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.

Signature:  Date: 5/22/2020

Legal Name of Additional Joint Inventor, if any: **Po-Fan Lin**

Residence: Hsinchu, Taiwan

Mailing Address: c/o No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.