

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUN-HAN CHEN	10/07/2019
CHEN-MING LEE	10/07/2019
FU-KAI YANG	10/07/2019
MEI-YUN WANG	10/07/2019
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., 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:	17850393
CORRESPONDENCE DATA	
Fax Number:	(214)200-0853
<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:	2146515000
Email:	ipdocketing@haynesboone.com
Correspondent Name:	HAYNES AND BOONE, LLP (24061) IP SECTION
Address Line 1:	2323 VICTORY AVENUE
Address Line 2:	SUITE 700
Address Line 4:	DALLAS, TEXAS 75219
ATTORNEY DOCKET NUMBER:	2019-1447/24061.3993US02
NAME OF SUBMITTER:	CATHERINE HUDSON
SIGNATURE:	/Catherine Hudson/
DATE SIGNED:	06/27/2022
Total Attachments: 2	

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ASSIGNMENT

WHEREAS, we,

- (1) Chun- Han Chen of Changhua County, Taiwan (R.O.C.)
- (2) Chen-Ming Lee of Taoyuan County, Taiwan (R.O.C.)
- (3) Fu-Kai Yang of Hsinchu City, Taiwan (R.O.C.)
- (4) Mei-Yun Wang of Hsin-Chu, Taiwan (R.O.C.)

have invented certain improvements in

METHODS OF REDUCING CAPACITANCE IN FIELD-EFFECT TRANSISTORS

for which we have executed an application for Letters Patent of the United States of America,

_____ of even date filed herewith; and
 X filed on September 30, 2019 and assigned application number 16/587,474;
and

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd., ("TSMC"), 8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, Republic of China, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

Docket No.: P20191447US00/24061.3993US01
Customer No.: 000042717

AND WE HEREBY further covenant and agree that we will communicate to said TSMC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name: Chun-Han Chen

Residence Address: No. 3, Aly. 5, Ln. 572, Zhongzheng Rd., Changuhua City
Changhua County 500, Taiwan (R.O.C.)

Dated: 2019.10.7

Chen Chun-Han
Inventor Signature

Inventor Name: Chen-Ming Lee

Residence Address: Rm. 4, 12F., No. 2, Ln. 10, Qingshan 5th St., 7320773, Yangmei City
Taoyuan County 326, Taiwan (R.O.C.)

Dated: 2019.10.7

Chen-Ming Lee
Inventor Signature

Inventor Name: Fu-Kai Yang

Residence Address: 7F.-2, No. 47, Lane 459, Sec. 1, Guang-Fu Rd.
Hsinchu City 300, Taiwan, (R.O.C.)

Dated: 2019.10.7

Yang Fu Kai
Inventor Signature

Inventor Name: Mei-Yun Wang

Residence Address: No. 49, Tze-Chiang Six Street, Chu-Pei City
Hsin-chu, Taiwan (R.O.C.)

Dated: 2019.10.7

Mei Yun Wang
Inventor Signature