## 505950557 03/04/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5997261 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TZUNG-YO HUNG	02/07/2020
PIN-DAI SUE	02/07/2020
CHIEN-CHI TIEN	02/07/2020
TING-WEI CHIANG	02/07/2020

#### **RECEIVING PARTY DATA**

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.
Street Address:	NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16744110

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	ANTHONY KING
SIGNATURE:	/Anthony King/
DATE SIGNED:	03/04/2020

**Total Attachments: 2** 

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PATENT 505950557 REEL: 052017 FRAME: 0736



## ASSIGNMENT

WHEREAS, I(we), <u>HUNG, TZUNG-YO</u>, <u>SUE, PIN-DAI</u>, <u>TIEN, CHIEN-CHI</u> and <u>CHIANG</u>, <u>TING-WEI</u> whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

# POWER SWITCH CIRCUIT, IC STRUCTURE OF POWER SWITCH CIRCUIT, AND METHOD OF FORMING IC STRUCTURE

United Stat	es Design Patent w	18	•	
executed or	<b>1</b> :			
🔀 filed on:	15 January 2020	Serial No.:	16/744,110	
🗆 🗆 established	by PCT Internation	al Patent Application No.:	filed:	designating the
uited States of An	nerica			~ ***
🗆 issued on		as U.S. Patent No.:		

WHEREAS, <u>TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD</u>, whose post office address is <u>NO.8</u>, <u>LI-HSIN RD</u>. 6, <u>HSINCHU SCIENCE PARK</u>, <u>HSINCHU</u>, <u>TAIWAN</u>, <u>R.O.C</u>, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNOE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S beirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Assigner Name HUNG, TZUNG-YO MAY TIMY-YO	Address NO. 205-4, GUANGTAN VILLAGE, LUCAO TOWNSHIP, CHIAYI COUNTY, TAIWAN (R.O.C.)
Signature of Assignor (X) Mar True 7- 1/2	Date of Signature (X) 2/2, 2020
Name of Witness (optional) U	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assigner Name SUE, PIN-DAI	Address NO.56, GUANGMING ST., EAST DIST., TAINAN CITY 701, TAIWAN (R.O.C.)
Signature of Assignor (X) Size, Pin - Dat	Date of Signature (X) 2/7 , 2020
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name TIEN, CHIEN-CHI	Address 11F5, NO.160, PUDING 3RD RD., EAST DIST., HSINCHU CITY 300, TAIWAN (R.O.C.)
Signature of Assignar (X) Tien. Chien - Chi	Date of Signature (X) 2/1, 2020
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHIANG, TING-WEI	Address NO. 10, LANE 2, TUNG-MAN STREET, PANCHIAO DISTRICT, NEW TAIPEI CITY, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signature (X) \( \sqrt{17} \) \( \sqrt{20} \)
Name of Numers (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)