### 506749319 07/02/2021

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SHIH-YIN HSIAO	11/10/2017
CHING-CHUNG YANG	11/10/2017
KUAN-LIANG LIU	11/10/2017

### **RECEIVING PARTY DATA**

Name:	UNITED MICROELECTRONICS CORP.
Street Address:	NO. 3, LI-HSIN RD. II, SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN

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

Property Type	Number
Application Number:	17367150

### **CORRESPONDENCE DATA**

**Fax Number:** (949)660-0809

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:** 949-660-0761

**Email:** jcpatents@gmail.com

Correspondent Name: J C PATENTS

Address Line 1: 4 VENTURE, SUITE 250
Address Line 4: IRVINE, CALIFORNIA 92618

ATTORNEY DOCKET NUMBER:	JCLA72505-CACACA
NAME OF SUBMITTER:	JIAWEI HUANG
SIGNATURE:	/JIAWEI HUANG/
DATE SIGNED:	07/02/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 5**

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PATENT 506749319 REEL: 056748 FRAME: 0197

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PATENT REEL: 056748 FRAME: 0198

☑ Declaration Submitted With Initial Filing
OR
Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)
(Title of the Invention) TRANSISTOR STRUCTURE
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 numberFiled 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.

#### 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. United Microelectronics Corp.

of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, 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.

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Signature:	Shi	h - '	(in	Hsiao	Da	ate:	NOV 1	U 2017	
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Legal Name of Sole or First Inventor: Shih-Yin Hsiao

Residence: Chiayi County, Taiwan

Mailing Address: No.71, Sec. 2, Beigang Rd., Taibao City, Chiayi County 612, Taiwan (R.O.C.)

Signature:	Ching-	Chung	Yang	Date:	NOV 1 0 2017	,
			01: 0			

Legal Name of Additional Joint Inventor, if any: Ching-Chung Yang

Residence: Hsinchu City, Taiwan

Mailing Address: 5F., No.17, Ln. 266, Xinzhuang St., East Dist., Hsinchu City 300, Taiwan (R.O.C.)

Signature:/	Kuun-2	iang	Liu	Date:	NUV 1 0 2017	
		1				-

Legal Name of Additional Joint Inventor, if any: Kuan-Liang Liu

Residence: Hsinchu County, Taiwan

Mailing Address: 4F., No.20, Ln. 158, Gaotie 2nd Rd., Zhubei City, Hsinchu County 302, Taiwan

(R.O.C.)

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PATENT REEL: 056748 FRAME: 0203