506427412 12/30/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUNG-CHI TSAI	12/24/2020

RECEIVING PARTY DATA

Name:	NANYA TECHNOLOGY CORPORATION	
Street Address:	NO.98, NANLIN RD., TAISHAN DIST.	
City:	NEW TAIPEI CITY	
State/Country:	TAIWAN	
Postal Code:	243	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17137129

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JOE MCKINNEY MUNCY	
SIGNATURE:	/Joe McKinney Muncy/	
DATE SIGNED:	12/29/2020	

Total Attachments: 1

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PATENT 506427412 REEL: 054777 FRAME: 0903

ASSIGNMENT

WHEREAS, I(we), <u>TSAI, HUNG-CHI</u>, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

SEMICONDUCTOR DEVICE STRUCTURE WITH BOTTOM CAPACITOR ELECTRODE HAVING CROWN-SHAPED STRUCTURE AND INTERCONNECT PORTION AND METHOD FOR FORMING THE SAME

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Patent is executed on even date herewith unless at least one of the following is checked:

United States Design Page	atent was		
\square executed on:			
☐ filed on:	Serial No.:		
established by PCT Inte	rnational Patent Application No.:	filed:	.designating the
United States of America			
🗖 issued on	as U.S. Patent No.:		
			4 % ·

WHEREAS, NANYA TECHNOLOGY CORPORATION, whose post office address is NO.98, NANLIN RD., TAISHAN DIST., NEW TAIPEI CITY 243, TAIWAN (R.O.C.), 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 ASSIGNEE, 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 heirs, 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.

Assignor Name TSAI, HUNG-CHI	Address 4F., NO.59-3, WUFENG RD., XINDIAN DIST., NEW TAIPEI CITY 231, TAIWAN (R.O.C.)
Signature of Assignor Jew) Juryeli	Date of Signature (X) December 24, 2020
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

PATENT REEL: 054777 FRAME: 0904

RECORDED: 12/30/2020