

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PEI CHENG FAN	07/22/2020
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:	17701965	
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<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>		
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ATTORNEY DOCKET NUMBER:	USP-NT206	
NAME OF SUBMITTER:	XUAN ZHANG	
SIGNATURE:	/XUAN ZHANG/	
DATE SIGNED:	03/23/2022	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, I(we), FAN, PEI CHENG, 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 FINE BORON NITRIDE SPACER
PATTERNS 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 Patent was
☐ executed on:
☐ filed on: _____ Serial No.: _____
☐ established by PCT International Patent Application No.: _____ filed: _____ designating the
United States of America
☐ issued on _____ as U.S. Patent No.: _____

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 FAN, PEI CHENG	Address 3F., NO. 2, XINPU 7TH ST., TAOYUAN CITY, TAOYUAN COUNTY 330, TAIWAN, R.O.C.
Signature of Assignor (X) <i>Fan Pei Cheng</i>	Date of Signature (X) July 22, 2020
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 6, 2020

PTAS

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BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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ASSIGNOR:

FAN, PEI CHENG

DOC DATE: 07/22/2020

ASSIGNEE:

NANYA TECHNOLOGY CORPORATION
NO.98, NANLIN RD., TAISHAN DIST.,
NEW TAIPEI CITY, TAIWAN 243

APPLICATION NUMBER: 16942049

FILING DATE: 07/29/2020

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ISSUE DATE:

TITLE: SEMICONDUCTOR DEVICE STRUCTURE WITH FINE BORON NITRIDE SPACER
PATTERNS AND METHOD FOR FORMING THE SAME

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION