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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHING-YIH SHIH	01/17/2019
MAO-YING WANG	01/17/2019
HUNG-MO WU	01/17/2019

RECEIVING PARTY DATA

Name:	NANYA TECHNOLOGY CORPORATION
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City:	NEW TAIPEI CITY
State/Country:	TAIWAN
Postal Code:	243

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16439690	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: TWT06620/US JAMES LYNN O'SULLIVAN NAME OF SUBMITTER: SIGNATURE: /James Lynn O'Sullivan/ 06/13/2019 **DATE SIGNED:**

Total Attachments: 2

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> **PATENT** REEL: 049453 FRAME: 0173 505522614

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)			
SEMICONDUCTOR STRUCTURE AND FABRICATION			
METHOD THEREOF			
METION HIPKON.			
The PATENT RIGHTS referred to in this agreement are:			
(check one) ⊠a patent application for this invention, executed by the ASSIGNOR(S)			
concurrently with this assignment.			
U.S. patent application Serial No,filed			
☐a U.S. patent application based on PCT International Application			
Nofiled on (date)(U.S. patent application			
Serial No, if known).			
U.S. patent No, issued			
The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of			
the patents and patent applications identified above.			
The PATENT RIGHTS assigned under this agreement are:			
(check one) 🖾 U.S. patent rights only.			
Worldwide patent rights. In this case, the assignee shall have the right to			
claim the benefit of the filing date of any U.S. or foreign patent application			
for this invention.			
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures			
appear on page 2 of this Assignment and any Supplemental Sheet(s).			
The ASSIGNEE referred to in this agreement is:			
(Name of Assignee) NANYA TECHNOLOGY CORPORATION			
(Address) No.98, Nanlin Rd., Taishan Dist., New Taipei city 243, Taiwan, R.O.C.			
The ASSIGNEE is:			
(check one) An individual.			
A Partnérship.			
NA Corporation of			
(°) (°) (°) (°) (°) (°) (°) (°) (°) (°)			
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and			
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following			
rights to the ASSIGNEE, its successors and assigns:			
the full and exclusive right to the invention;			
the entire right, title and interest in and to the PATENT RIGHTS;			
the right to sue and recover for any past infringement; and			
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable			
provisions, based on any earlier patent applications for this invention.			

PATENT REEL: 049453 FRAME: 0174

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: NANYA TECHNOLOGY CORPORATION INVENTION TITLE:

SEMICONDUCTOR STRUCTURE AND FABRICATION METHOD THEREOF

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Shing-Yih SHIH	, 📆 Shih Shini-Yi	h 2019,01,17
Name of sole or first inventor	Signature	Date
Mao-Ying WANG	Maryny Wmy	2019.01.17
Name of second inventor, if any	Signature	Date
Hung-Mo WU	Horf No Wa	2018 . 71 /19
Name of third inventor, if any	Signature	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date

PATENT REEL: 049453 FRAME: 0175

RECORDED: 06/13/2019