504372942 05/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4419636

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PO-CHUN LIN	01/24/2017
CHIN-LUNG CHU	01/24/2017

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:	15598304	

CORRESPONDENCE DATA

Fax Number: (888)388-6582

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: 8883886609 Email: info@ckc-ip.com

Correspondent Name: CKC & PARTNERS CO., LTD.

Address Line 1: ROOM 1901, 19/F, LEE GARDEN ONE, Address Line 2: 33 HYSAN AVENUE, CAUSEWAY BAY

Address Line 4: HONG KONG, HONG KONG

ATTORNEY DOCKET NUMBER:	TWT05244/US
NAME OF SUBMITTER:	JAMES LYNN O'SULLIVAN
SIGNATURE:	/James Lynn O'Sullivan/
DATE SIGNED:	05/18/2017

Total Attachments: 2

source=TWT05244US-assignment#page1.tif source=TWT05244US-assignment#page2.tif

> **PATENT REEL: 042418 FRAME: 0305** 504372942

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)

SEMICONDUCTOR STRUCTURE, SEMICONDUCTOR DEVICE AND METHOD FOR FORMING THE SAME 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 No. filed 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) \(\subseteq U.S.\) 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 Partnership. (other) 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: 042418 FRAME: 0306

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

INVENTION TITLE:

SEMICONDUCTOR STRUCTURE, SEMICONDUCTOR DEVICE AND METHOD FOR FORMING THE SAME

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.

Po-Chun LIN	Po-Chun LIH	2017/01/24
Name of sole or first inventor	Signature	Date
Chin-Lung CHU	CUIN-LUNG CHU	
Name of second inventor, if any	Signature	Date
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: 042418 FRAME: 0307

RECORDED: 05/18/2017