

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIH-CHERNG LIAO	05/21/2018
SHIH-HAO LIU	05/21/2018
WU-HSI LU	05/21/2018
MING-CHENG LO	05/21/2018
CHUNG-REN LAO	05/22/2018
YUN-CHOU WEI	05/21/2018
YIN CHEN	05/21/2018
HSIN-HUI LEE	06/05/2018
HSUEH-JUNG LIN	06/04/2018
WEN-CHIH LU	06/05/2018
TING-JUNG LU	06/05/2018

RECEIVING PARTY DATA

Name:	VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION
Street Address:	123, PARK AVE-3RD, SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	30077

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16016869

CORRESPONDENCE DATA**Fax Number:** (703)205-8050*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:** 703-205-8000**Email:** mailroom@bskb.com, Tuyet.A.Nguyen@bskb.com**Correspondent Name:** BIRCH, STEWART, KOLASCH & BIRCH, LLP**Address Line 1:** 8110 GATEHOUSE ROAD, SUITE 100E**Address Line 4:** FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	0941-3791PUS1
NAME OF SUBMITTER:	TUYET ANH NGUYEN
SIGNATURE:	/TUYET ANH NGUYEN/
DATE SIGNED:	06/25/2018
Total Attachments: 2 source=2018-06-25_Assignment_0941-3791PUS1#page1.tif source=2018-06-25_Assignment_0941-3791PUS1#page2.tif	

ASSIGNMENT

WHEREAS, Chih-Cherng LIAO, Shih-Hao LIU, Wu-Hsi LU, Ming-Cheng LO, Chung-Ren LAO, Yun-Chou WEI, Yin CHEN, Hsin-Hui LEE, Hsueh-Jung LIN, Wen-Chih LU, and Ting-Jung LU hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: OPTICAL DEVICES AND FABRICATION METHOD THEREOF

Filed: June 25, 2018 Serial No. 16/016,869

Executed on: May 21, 2018; June 4, 2018 and June 4, 2018

WHEREAS, Vanguard International Semiconductor Corporation of 123, Park Ave-3rd, Science - Based Industrial Park, Hsinchu, Taiwan 30077, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'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 Assignor, Assignor has/have sold, assigned and transferred, and by these presents docs/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 interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor 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.

Assignor 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.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Chih-Cherng LIAO
Chih-Cherng LIAO

5/21/2018
Date

Shih-Hao LIU
Shih-Hao LIU

5/21/2018
Date

ASSIGNMENT

呂武義 Wu-Hsi Lu 5/21 '18
Wu-Hsi LU Date

羅明成 Ming-Cheng LO 5/21 '18
Ming-Cheng LO Date

羅宗仁 Chung-Ren Lao 5/22 '18
Chung-Ren LAO Date

魏允洲 Yun-Chou WEI 5/21 '18
Yun-Chou WEI Date

陳茵 Yin chen 5/21/2018
Yin CHEN Date

李新輝 Hsin-Hui. Lu 6/6.2018
Hsin-Hui LEE Date

林學榮 Hsueh-Jung Lin 6/4 '18
Hsueh-Jung LIN Date

Wen-chih Lu 6/5, 2018
Wen-Chih LU Date

呂定恭 Ting-Jung LU 6/8 2018
Ting-Jung LU Date