504575333 10/02/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4622044

Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUNG-HAO LIN	09/15/2017
SHIN-CHENG LIN	09/15/2017
HSIN-CHIH LIN	09/18/2017

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:	15720120

CORRESPONDENCE DATA

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Email: mailroom@bskb.com, phillip.tashjian@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, LLP. **Correspondent Name:**

Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100E Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0941-3632PUS1	
NAME OF SUBMITTER:	PHILLIP R. TASHJIAN	
SIGNATURE:	/Phillip R. Tashjian/	
DATE SIGNED:	10/02/2017	

Total Attachments: 1

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PATENT REEL: 043754 FRAME: 0263 504575333

ASSIGNMENT

WHEREAS, Yung-Hao LIN, Shin-Chereafter referred to as ASSIGNOR, has/have inverses described and set forth in the below identification: Title: SEMICONDUCTOR DEVICE AND METHO	nted certain new and useful improvements ed application for United States Letters
Filed: September 29, 2017 Serial Executed on: September 15, 2017 and September	No. <u>15/720,120</u>
WHEREAS, Vanguard Internations of 123, Park Ave-3rd, Science - Bas Taiwan 30077, R.O.C. hereinafter referred ASSIGNOR'S interest in the said invention and a which may be granted on the same;	al Semiconductor Corporation ed Industrial Park, Hsinchu, to as ASSIGNEE, is desirous of acquiring
NOW, THEREFORE, TO ALL WHOM IT good and valuable consideration, receipt of which Assignor has/have sold, assigned and transferred, and transfer unto the said Assignee, and Assignee rights, title and interest in and to the said in improvements thereon, and in and to any Letters Pasame in the United States, the said interest to be hand exclusively as it would have been held and enjoy and transfer not been made, to the full end and the granted thereon, or of any division, renewal, conticonversion, reissue, prolongation or extension there	ch is hereby acknowledged by Assignor, and by these presents does/do sell, assign is successors and assigns, all his/her/their evention and application and all future tent which may hereafter be granted on the eld and enjoyed by said Assignee as fully eyed by said Assignor had this Assignment erm of any Letters Patent which may be muation in whole or in part, substitution,
Assignor further agrees/agree that he Assignee, but at Assignee's expense, cooperate vapplication and/or applications, execute, verify, a papers, including applications for Letters Patent and of assignment and transfer thereof, and will perform request, to obtain or maintain Letters Patent for sai title thereto in said Assignee, or Assignee's successed	with Assignee in the prosecution of said cknowledge and deliver all such further d for the reissue thereof, and instruments a such other acts as Assignee lawfully may d invention and improvement, and to vest
IN TESTIMONY WHEREOF, Assignor has date(s) indicated.	/have signed his/her/their name(s) on the
Ming-Hao Lin Yung-Hao LIN	20/1 9,/5 Date
Shin-Cheng LIN	>0(1), 9.15 Date
Man-Chih Lin	7. 9. 18 Date

PATENT REEL: 043754 FRAME: 0264