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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
SHAO-CHANG HUANG	07/02/2018
JIA-RONG YEH	07/02/2018
YEH-NING JOU	07/02/2018
HSIEN-FENG LIAO	07/02/2018
YI-HAN WU	07/02/2018
CHIH-CHERNG LIAO	07/02/2018
CHIEH-YAO CHUANG	07/02/2018
WEI-SHUNG CHEN	07/02/2018
CHING-WEN CHEN	07/02/2018
PANG-CHUAN CHEN	07/02/2018

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:	16124765

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.

7032058000 Phone:

Email: tu.t.tan@bskb.com, mailroom@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, LLP Correspondent Name: Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100E

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ATTORNEY DOCKET NUMBER: 0941-3839PUS1

PATENT REEL: 046829 FRAME: 0802 505086034

NAME OF SUBMITTER:	TAN T. TU
SIGNATURE:	/Tan T. Tu/
DATE SIGNED:	09/07/2018
Total Attachments: 2	

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PATENT REEL: 046829 FRAME: 0803

ASSIGNMENT

WHEREAS, Shao-Chang HUANG, Jia-Rong YEH, Yeh-Ning JOU,
Hsien-Feng LIAO, Yi-Han WU, Chih-Cherng LIAO, Chieh-Yao CHUANG,
Wei-Shung CHEN, Ching-Wen CHEN, and Pang-Chuan CHEN 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: INTEGRATED CIRCUIT AND ELECTROSTATIC DISCHARGE PROTECTION
CIRCUIT THEREOF
Filed: 09/07/2018 Serial No. 16124765
Executed on:
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

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 does/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.

Shao-Chang Huang
Shao-Chang HUANG

July 2, 20/8

Jia-Rong (eh Jia-Rong YEA

which may be granted on the same;

July 2. 2018

ASSIGNMENT

7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	July, 2, 2018
Yeh-Ning JOU Hsien-Feng LIAO	
Hsien-Feng LIAO	July 2, 2018 Date
Yi-Han Wu (Restination date: Aug 2017) Yi-Han WU Date	July 2, 2018
Chin-Cherry Luchih-Cherry WIAO	July 2, 2018
Chieh-Yas CHUANG	July 2 roll Date
Wei-Shung CHEN	July 2, >018
_	7/2 , 2018
Ching-Wen CHEN Da Ching - Chuan Chen (Resignation date: Sep. 2017) Pang-Chuan CHEN	