504611518 10/25/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNG-TSUN CHUANG	10/02/2017
SHAO-CHANG HUANG	10/02/2017
CHIEH-YAO CHUANG	10/02/2017
HUNG-WEI CHEN	10/02/2017

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:	15791024	

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, anh-vu.dao@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, LLP **Correspondent Name:** Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	0941-3637PUS1
NAME OF SUBMITTER:	ANH-VU DAO
SIGNATURE:	/anh-vu dao/
DATE SIGNED:	10/23/2017

Total Attachments: 2

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PATENT REEL: 043950 FRAME: 0259 504611518

ASSIGNMENT

WHEREAS, Jung-Tsun CHUANG, Shao-Chang HUANG, Chieh-Yao
CHUANG, and Hung-Wei 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: Power - on Control Circuit with state - recovery
Filed: October 23, 2017 Serial No. 15/791,024
Executed on: October 2, 2017
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 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.
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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.
the dielect in said rissignee, of rissignee's successors and assigns.
IN TESTIMONY WHEDEOE Aggioner had/have signed hig/haw/their name(a) and the
IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.
date(s) indicated.
Jung - Tour CHUANG 20/1. 10. 02
Jung-Tsun CHUANG Date
d d d
Shao-Chang Hyang 2019 1002

Shao-Chang HUANG

Date

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Chieh-lao CHUANG

Chieh-yao CHUANG

Date

Lung-Wei Chen

Date

Date

106017/0516-A45884-US

RECORDED: 10/25/2017

PATENT REEL: 043950 FRAME: 0261