

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PEI-HENG HUNG	01/12/2016
HSIUNG-SHIH CHANG	01/12/2016
MANOJ KUMAR	01/11/2016
YEN-NI LEE	01/12/2016
TENG-SHAO SU	01/12/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION
<b>Street Address:</b>	123, PARK AVE-3RD, SCIENCE-BASED INDUSTRIAL PARK
<b>City:</b>	HSINCHU
<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	30077
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15006667
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)205-8050
<i>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.</i>	
<b>Phone:</b>	703-205-8000
<b>Email:</b>	analiza.stepina@bskb.com, mailroom@bskb.com
<b>Correspondent Name:</b>	BIRCH, STEWART, KOLASCH & BIRCH, LLP
<b>Address Line 1:</b>	P.O. BOX 747
<b>Address Line 4:</b>	FALLS CHURCH, VIRGINIA 22040-0747
<b>ATTORNEY DOCKET NUMBER:</b>	0941-3337PUS1
<b>NAME OF SUBMITTER:</b>	ANALIZA STEPINA
<b>SIGNATURE:</b>	/analiza stepina/
<b>DATE SIGNED:</b>	01/27/2016
<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, Pei-Heng HUNG, Hsiung-Shih CHANG, Manoj Kumar, Yen-Ni LEE, and Teng-Shao SU

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: AN EFFICIENT LAYOUT PLACEMENT OF A DIODE

Filed: \_\_\_\_\_ Serial No. \_\_\_\_\_

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 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.

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.

Pei-Heng HUNG  
Pei-Heng HUNG

2016/1/12  
Date

Hsiung-Shih CHANG  
Hsiung-Shih CHANG

2016/1/12  
Date

Manoj Kumar  
Manoj Kumar

11/01/2014  
Date

**ASSIGNMENT**

Yen-Ni Lee  
Yen-Ni LEE

2016 / 01 / 12  
Date

Teng-Shao Su  
Teng-Shao SU

2016 / 01 / 12  
Date