

## 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> |
|   | XIANMING ZHANG  | 05/18/2015            |
|   | DAN CAO   | 05/18/2015            |
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| <b>PROPERTY NUMBERS Total: 1</b>  |   |                       |
| <b>Property Type</b>  | <b>Number</b>   |                       |
| <b>Application Number:</b>  | 14646853  |                       |
| <b>CORRESPONDENCE DATA</b>  |   |                       |
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|   |                                   |
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| <b>SIGNATURE:</b>   | /Andrew C. Cheng, Reg. No. 60891/ |
| <b>DATE SIGNED:</b>   | 05/22/2015                        |
| <b>Total Attachments: 2</b><br>source=05_2_PCT15013CS-US_CS15045_ASGN#page1.tif<br>source=05_2_PCT15013CS-US_CS15045_ASGN#page2.tif |                                   |

## ASSIGNMENT

In consideration of value received, the receipt and sufficiency of which are hereby acknowledged, the undersigned ASSIGNOR(S)

1st Name: ZHANG, Xianming  
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2nd Name: CAO, Dan  
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hereby Under an Obligation to sell, assign and transfer unto:

Shenzhen China Star Optoelectronics Technology Co., Ltd of

No.9-2 Tangming Rd, Guangming New District, Shenzhen, Guangdong 518132 China

(hereinafter referred as "ASSIGNEE"), its successors and assigns, the entire right, title and interest in and to the invention known as

BOOST-BUCK CONVERTING CIRCUIT, POWER MANAGEMENT MODULE AND LIQUID  
CRYSTAL DRIVING DEVICE (hereinafter referred as "INVENTION"), for which a United States Patent Application was executed concurrently herewith or, if not so executed, was:

- a. ☐ executed on \_\_\_\_\_;  
b. ☐ filed on \_\_\_\_\_, Application Serial No. \_\_\_\_\_; or  
c. ☒ established by PCT International Patent Application No. : PCT/CN2015/077056,  
Date: 2015-04-21

an application for Letters Patent of United States of America.

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or

reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorneys of record in said application, if any, shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Signature of  
1st Inventor ZHANG, Xidaming Executed Date 2015-05-18

Signature of  
2nd Inventor CAO, Dan Executed Date 2015-05-18