

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4677148

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LONGQIANG SHI	03/07/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.
<b>Street Address:</b>	NO. 9-2, TANGMING ROAD
<b>Internal Address:</b>	GUANGMING NEW DISTRICT
<b>City:</b>	SHENZHEN, GUANGDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518132
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15328920
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)297-6660
<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>	8565208988
<b>Email:</b>	DOCKETING@KIMWINSTON.COM
<b>Correspondent Name:</b>	KIM WINSTON LLP
<b>Address Line 1:</b>	129 W. EVESHAM ROAD
<b>Address Line 4:</b>	VOORHEES, NEW JERSEY 08043
<b>ATTORNEY DOCKET NUMBER:</b>	1075.0141-141US
<b>NAME OF SUBMITTER:</b>	Y. JAE KIM
<b>SIGNATURE:</b>	/Y. JAE KIM/
<b>DATE SIGNED:</b>	11/07/2017
<b>Total Attachments: 2</b>	
source=Assignment-signed0141#page1.tif	
source=Assignment-signed0141#page2.tif	

### ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, is made this 7 day of March, 2017, by Longqiang Shi (hereinafter referred to as Assignor(s)), having an address of No. 9-2, Tangming Road, Guangming New District, Shenzhen, Guangdong 518132, China.

**WHEREAS**, Assignor(s) have invented certain new and useful improvements in a "BOA LIQUID CRYSTAL PANEL BASED ON IGZO-TFT AND METHOD FOR MANUFACTURING THE SAME," set forth in a Patent Application for Letters Patent of the United States, already filed on January 25, 2017 as U.S. Application No. 15/328,920; and

**WHEREAS**, Shenzhen China Star Optoelectronics Technology Co., Ltd., an organization having its principal place of business at No. 9-2, Tangming Road, Guangming New District, Shenzhen, Guangdong 518132, China (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisionals, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by the Assignor(s), had this sale and assignment not been made.

**AND** for the same consideration, Assignor(s) hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of the execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor(s) are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

{00046326}

1

AND for the same consideration, Assignor(s) hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor(s) will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor(s) hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor(s) hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademarks Office for recordation of this document:

Kim Winston LLP

All practitioners at Customer No.: 103651

AND Assignor(s) acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Longqiang Shi  
Longqiang Shi

2017 103/07  
Date