

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MIAN ZENG	11/14/2017
RECEIVING PARTY DATA	
Name:	SHENZHEN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECHNOLOGY CO., LTD.
Street Address:	NO. 9-2, TANGMING RD, GONGMING STREET,
Internal Address:	GUANGMING NEW DISTRICT,
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15739768
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	909-436-5796
Email:	andrewcheng60891@gmail.com
Correspondent Name:	CHENG, ANDREW CHIWU
Address Line 1:	22928 ESTORIL DRIVE
Address Line 2:	UNIT 5
Address Line 4:	DIAMOND BAR, CALIFORNIA 91765
ATTORNEY DOCKET NUMBER:	CH17212
NAME OF SUBMITTER:	ANDREW C. CHENG
SIGNATURE:	/Andrew C. Cheng, Reg. No. 60891/
DATE SIGNED:	12/25/2017
Total Attachments: 2	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor(s) (hereinafter as "ASSIGNOR") identified as below hereby sells, assigns, transfers, and sets over to Shenzhen China Star Optoelectronics Semiconductor Display Technology Co., Ltd.

of No.9-2,Tangming Road ,Gongming Street,Guangming new district,Shenzhen City, Guangdong 518000 China

(hereinafter as "ASSIGNEE"), its successors and assigns, the entire right, title and interest in and to the invention known as **SCANNING-DRIVING CIRCUIT AND LIQUID CRYSTAL DISPLAY (LCD)**

(hereinafter as "INVENTION"), for which a United States Patent Application was executed concurrently herewith or, if not so executed, was:

- a. executed on (Date of Filing);
 - b. filed on (Date of Filing), Application Serial No. (Application No); or
 - c. established by PCT International Patent Application No. PCT/CN2017/112443
- and the right to apply for and obtain patent protection therefor, including the right to file continuation and divisional patent applications in respect of the invention, and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

The ASSIGNOR hereby agrees without charge to said ASSIGNEE but at its expense to execute all necessary papers to be used in connection with the above-identified application and any additional, substitute, continuing, divisional, reexamination, or reissue applications, as the ASSIGNEE may deem necessary or expedient; to execute all papers in connection with any interference or other legal or quasi-legal proceedings relating to the above-identified application or any additional, substitute, continuing, divisional, reexamination, reissue applications thereof; to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said INVENTION.

The ASSIGNOR hereby agrees to communicate to the ASSIGNEE, or its representatives, any facts known to the ASSIGNOR respecting said INVENTION, and testify in any legal proceedings, sign all lawful papers, execute all necessary assignment papers to cause any and all Letters Patent to be issued to the ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said INVENTION.

The ASSIGNOR hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office to issue any and all Letters Patent that may be granted upon any patent application for the INVENTION or any additional, substitute, continuing, or divisional applications thereof to the ASSIGNEE, its successors and assigns.

ASSIGNMENT (CONTINUED)

The ASSIGNOR hereby covenants and warrants that the ASSIGNOR has full right to convey the entire right, title and interest in and to said INVENTION by this assignment, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

Signature of
Inventor 1 ZENG Mian Executed Date 2017.11.14
Printed Name ZENG, Mian
Residing at NO.9-2, Tangming Rd, Guangming New District
Shenzhen City, Guangdong 518132 China