

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHENLING WANG	03/17/2017
TAI JIUN HWANG	03/17/2017
RECEIVING PARTY DATA	
Name:	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO. 9-2, TANGMING ROAD, GUANGMING NEW DISTRICT
Internal Address:	SHENZHEN
City:	GUANGDONG
State/Country:	CHINA
Postal Code:	518132
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15328514
CORRESPONDENCE DATA	
Fax Number:	(317)637-7561
<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:	317-634-3456
Email:	creeves@uspatent.com
Correspondent Name:	CHARLES R. REEVES
Address Line 1:	111 MONUMENT CIRCLE
Address Line 2:	SUITE 3700
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	9256-7
NAME OF SUBMITTER:	CHARLES R. REEVES
SIGNATURE:	/Charles R. Reeves/
DATE SIGNED:	06/08/2017
Total Attachments: 3	
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ASSIGNMENT

1. DEFINITIONS

1.1 "ASSIGNOR" means the one or more parties identified in the Assignor(s) Signature(s) section at the bottom of this Assignment.

1.2 "ASSIGNEE" means Shenzhen China Star Optoelectronics Technology Co., Ltd., a corporation of China having a principal place of business at No. 9-2, Tangming Road, Guangming New District, Shenzhen, Guangdong 518132, China as well as its successors and/or assigns.

1.3 "PATENT APPLICATION" means PCT Application No. PCT/CN2017/070643 filed January 9, 2017 and United States Patent Application, Serial No. 15/328,514 which was filed on Jan. 24, 2017 (ASSIGNOR hereby authorizes and requests the firm of Woodard, Emhardt, Moriarty, McNett and Henry to insert the date and serial number of said application when officially known) with the title of AMOLED SCAN DRIVING CIRCUIT AND METHOD, LIQUID CRYSTAL DISPLAY PANEL AND DEVICE.

1.4 "INVENTION" means all concepts, ideas, discoveries, solutions to problems, improvements, processes, machines, articles of manufacture, and/or anything else which is disclosed, claimed, illustrated, and/or otherwise described in the PATENT APPLICATION and/or any invention disclosure material associated with the PATENT APPLICATION.

1.5 "RELATED PATENT CASES" includes, but is not limited to, any and all patent applications, patents, and/or patent proceedings:

a. disclosing, illustrating, claiming, and/or otherwise describing the INVENTION, such as (but not limited to) statutory invention registrations, petty, provisional, non-provisional, utility, plant, design, and/or international applications;

b. claiming directly or indirectly priority to and/or from the PATENT APPLICATION, under domestic laws, the Paris Convention, PCT, and/or otherwise, such as (but not limited to) divisional, continuation, continuation-in-part, substitute, international, national phase, and/or regional phase applications; and/or

c. subject to, part of, resulting from, and/or otherwise associated with any and all pre-grant, post grant, and/or other patent related proceedings either directly or indirectly related to the INVENTION and/or the PATENT APPLICATION, such as (but not limited to) opposition, protest, reissue, extensions, reexamination, interference, and/or cancellation proceedings.

1.6 "RELATED INTELLECTUAL PROPERTY" includes, but is not limited to, copyrights, trademarks, service marks, trade dress, good will, trade secrets, mask works, and know-how developed and/or related to the INVENTION, PATENT APPLICATION, and/or RELATED PATENT CASES.

1.7 "TRANSFERRED RIGHTS" includes, but is not limited to, any and all rights, titles, and interests assigned or otherwise transferred in this Assignment.

1.8 "GEOGRAPHIC TERRITORY" means worldwide including, but not limited to, member nations of the PCT and non-member nations of the PCT as well as their territories.

1.9 "EFFECTIVE DATE" means the earlier of the conception date of the INVENTION, the filing date of the PATENT APPLICATION, the filing date of the RELATED PATENT CASES, and/or the date this Assignment is first executed by at least one of the parties hereto.

2. ASSIGNMENT OF RIGHTS

2.1 Consideration. The ASSIGNOR hereby acknowledges receipt of good, valuable, and sufficient consideration from the ASSIGNEE for this Assignment.

2.2 Intellectual Property. The ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE all right, title, and interest in and/or to the INVENTION, PATENT APPLICATION, RELATED PATENT CASES, and RELATED INTELLECTUAL PROPERTY.

2.3 Future Improvements. The ASSIGNOR hereby sells, assigns, and transfers, and agrees this Assignment automatically sells, assigns, and transfers now and/or in the future, to the ASSIGNEE all right, title, and interest in and/or to future improvements in the INVENTION, PATENT APPLICATION, RELATED PATENT CASES, and RELATED INTELLECTUAL PROPERTY.

2.4 Right to Claim Priority. The ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE all right, title, and interest in and/or to claim priority to and/or from the INVENTION, PATENT APPLICATION, RELATED PATENT CASES, and RELATED INTELLECTUAL PROPERTY.

2.5 Infringement and Misappropriation. The ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE all right, title, and interest in and/or to all past, present, and future causes of action for infringement and/or misappropriation of the INVENTION, PATENT APPLICATION, RELATED PATENT CASES, and RELATED INTELLECTUAL PROPERTY, whether the infringement and/or misappropriation is committed and/or the cause of action comes into existence before, during, or after the EFFECTIVE DATE of this Assignment.

2.6 Remedies. The ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE all right, title, and interest in and/or to all past, present, and future remedies for infringement and/or misappropriation, including damages, royalties, and/or profits.

2.7 Scope. The ASSIGNOR hereby agrees all assignments, agreements and/or other transfers of all right, title, and interest made herein, both legal and equitable, are to the full extent of the GEOGRAPHIC TERRITORY such that no right, title, and interest remain in and/or with the ASSIGNOR after this Assignment.

3. FUTURE PERFORMANCE

3.1 Communicate Information. The ASSIGNOR hereby agrees to and will communicate any and all facts and/or information known to the ASSIGNOR with respect to the TRANSFERRED RIGHTS to the ASSIGNEE and/or its legal representatives.

3.2 Sign Documents. The ASSIGNOR hereby agrees to and will sign and return any and all documents that the ASSIGNEE desires to be signed that are directly or indirectly related to the TRANSFERRED RIGHTS, including, but not limited to, other assignments, oaths, declarations, affidavits, and powers of attorney.

3.3 Legal Proceedings. The ASSIGNOR hereby agrees to and will truthfully testify and/or participate in any legal and/or quasi-legal proceedings regarding any facts and/or information known to the ASSIGNOR related to the TRANSFERRED RIGHTS at the request of the ASSIGNEE and/or its legal representatives.

3.4 Generally Protect Assignee's Rights. The ASSIGNOR hereby agrees to and will do everything reasonable to help in securing, maintaining, and/or enforcing the TRANSFERRED RIGHTS for and to the benefit of the ASSIGNEE.

3.5 No Additional Consideration Required. The ASSIGNOR hereby agrees to and will perform any and all of the acts mentioned herein without the requirement of any additional consideration from the ASSIGNEE.

4. ATTORNEY CLIENT PRIVILEGE

4.1 Assignment of Attorney-Client Privilege. The ASSIGNOR hereby assigns to the ASSIGNEE all past, present, and future rights and privileges related to any attorney-client privilege, work product, and/or common interest of the ASSIGNOR in relation to the TRANSFERRED RIGHTS.

4.2 Prevent Waiver of Attorney-Client Privilege. The ASSIGNOR hereby agrees not to engage in any acts that will or may result in the intentional or unintentional waiver of any attorney-client privilege, work product, and/or common interest of the ASSIGNOR or the ASSIGNEE in relation to the TRANSFERRED RIGHTS without the prior express written authorization from the ASSIGNEE and/or its legal representatives to do so.

4.3 Partial Waiver of Attorney-Client Privilege. The ASSIGNOR hereby agrees any partial waiver of any attorney-client privilege, work product, and/or common interest of the ASSIGNOR or ASSIGNEE in relation to the TRANSFERRED RIGHTS which may be found to have occurred does not and will not constitute any total waiver thereof.

5. COVENANTS AND WARRANTIES

5.1 Authority to Convey. The ASSIGNOR hereby covenants and warrants that the ASSIGNOR has the full right and authority to convey the TRANSFERRED RIGHTS assigned to the ASSIGNEE in and by this Assignment.

5.2 No Conflicts. The ASSIGNOR hereby covenants and warrants that the ASSIGNOR has not performed any acts and/or executed any documents in the past and will not perform and/or execute any such acts or documents now or in the future which will or may conflict with the TRANSFERRED RIGHTS in this Assignment and/or the quiet enjoyment of the same by the ASSIGNEE.

6. MISCELLANEOUS

6.1 Insert Application Number and Filing Date. If blank in part 1.3 of this Assignment, the ASSIGNOR and the ASSIGNEE hereby authorize and request the firm of Woodard, Emhardt, Moriarty, McNett & Henry LLP, its successor in interest, or designee to insert the appropriate application number and/or filing date in part 1.3 of this Assignment once known.

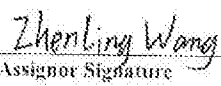
6.2 Issue Patent to Assignee. The ASSIGNOR hereby authorizes and requests that any and all patents based on the PATENT APPLICATION and/or RELATED PATENT CASES issue to the ASSIGNEE in its name, or to its successors in interest, its assigns, and/or its legal representatives as appropriate.

6.3 Severability. If any provision of this Assignment is finally ruled to be invalid and/or unenforceable by a court of competent jurisdiction, such decision shall not affect the validity and/or enforceability of the remaining provisions of this Assignment.

6.4 Choice of Law. This Assignment shall be interpreted under and controlled by the laws of the United States, and in particular in accordance with the laws of the state of the ASSIGNEE's principal place of business as identified in part 1.2 of this Assignment or otherwise, without reference to the conflict of law principles thereof. The ASSIGNOR further consents and agrees to the courts of the state of the ASSIGNEE's principal place of business as having personal jurisdiction and venue over the ASSIGNOR in connection with any dispute arising under this Assignment.

6.5 Effective Date. This Assignment is hereby made and agreed to be in force and effective as of the EFFECTIVE DATE in part 1.9 of this Assignment.

IN WITNESS WHEREOF, the ASSIGNOR has caused this Assignment to be duly executed as evidenced by the signature(s) and date(s) therefore in the Assignor (s) Signature(s) section which follows:

ASSIGNOR(S) SIGNATURE(S)		
Zhenling Wang No. 9-2, Tangming Road Guangming New District Shenzhen, Guangdong 518132, China	 Assignor Signature	2017.3.17 Date of Signature
Tai Jian Hwang No. 9-2, Tangming Road Guangming New District Shenzhen, Guangdong 518132, China	 Assignor Signature	2017.3.17 Date of Signature