04/19/2019 505436016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5482816

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONGRU ZHOU	03/19/2019
YONGLIANG ZHAO	03/19/2019
ZHONGHAO HUANG	03/19/2019
ZHAOJUN WANG	03/19/2019
CHAO ZHANG	03/19/2019

RECEIVING PARTY DATA

Name:	CHONGQING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO.7 YUNHAN RD.
Internal Address:	SHUITU HI-TECH INDUSTRIAL ZONE, BEIBEI DISTRICT
City:	CHONGQING
State/Country:	CHINA
Postal Code:	400714

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16388927

CORRESPONDENCE DATA

Fax Number: (212)484-3990

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.

Phone: 212-484-3900

Email: patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP

1301 AVENUE OF THE AMERICAS Address Line 1:

Address Line 2: FLOOR 42

Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER:	038835-00154
NAME OF SUBMITTER:	MICHAEL FAINBERG
SIGNATURE:	/Michael Fainberg/
DATE SIGNED:	04/19/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

Total Attachments: 10		
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source=Declarations#page9.tif		
source=Declarations#page10.tif		

PATENT REEL: 048934 FRAME: 0226

Title of invention	THIN FILM TRANSISTOR, METHOD FOR FABRICATING THE SAME, ARRAY SUBSTRATE, AND DISPLAY PANEL
As a belov	named inventor, I hereby declare that:
T his decla	ration
is directed	to:
	United States application or PCT international application
The above-	numberfiled onidentified application was made or authorized to be made by me.
I believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby ac punishable years, or b	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) oth.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Chongqing BOE Optoelectronics Technology Co., Ltd. ,having a place of business at No.7 Yunhan Rd., Shuitu Hi-tech Industrial Zone, Beibei District, Chongqing, 400714, P.R. China, and BOE TECHNOLOGY GROUP CO., LTD. , having a place of business at No.10 Jiuxiangiao Rd., Chaoyang District, Beijing ,100015, P.R. China (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, filed on Sep.27,2018; such which claims priority to CN201811132776.3 applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

1

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of <u>Arent Fox LLP</u> the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	• •
Inventor: Hongru ZHOU	Date: Mar . 19, 2019
Signature: Hongru 340U	•

2

PATENT

Title of Invention	THIN FILM TRANSISTOR, METHOD FOR FABRICATING THE SAME, ARRAY SUBSTRATE, AND DISPLAY PANEL
	v named inventor, I hereby declare that:
T his decla	ration
is directed	to: The attached application, or
·	United States application or PCT international application
The above-	numberfiled onidentified application was made or authorized to be made by me.
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I hereby ac punishable years, or bo	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) oth.

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LEGAL NAME OF INVENTOR	10
Inventor: Yongliang ZHAO	Date:_Mar . 19 . 2019
Signature: Yongliang ZHAO	

2

Title of Invention	THIN FILM TRANSISTOR, METHOD FOR FABRICATING THE SAME, ARRAY SUBSTRATE, AND DISPLAY PANEL
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LEGAL NAME OF INVENTOR	10.
Inventor: Zhonghao HUANG	Date: May. 19.2819
Signature: Zhoranao HUANG	

2

PATENT

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The above-	numberfiled on identified application was made or authorized to be made by me.		
l	at I am the original inventor or an original joint inventor of a claimed invention		
I hereby ac punishable years, or be	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) oth.		

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LEGAL NAME OF INVENTOR	Δ 0
Inventor: Zhaojun WANG	Date: Mar 19, 2017
Signature: Zhowjum WAN/4	, , ,

2

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As a belov	named inventor, I hereby declare that:		
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LEGAL NAME OF INVENTOR	
Inventor: Chao ZHANG	Date: May . 19. 2019
Signature: Chao ZHANG	

2

PATENT