505184761 11/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5231530

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI LI	08/23/2018
TONGSHANG SU	08/23/2018
GUANGYAO LI	08/23/2018
YINGBIN HU	08/23/2018
RUI MA	08/23/2018
JIFENG SHAO	08/23/2018
YANG ZHANG	08/23/2018
JIANYE ZHANG	08/23/2018

RECEIVING PARTY DATA

Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO. 10 JIUXIANQIAO RD.
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015
Name:	HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	XINZHAN INDUSTRIAL PARK
City:	HEFEI, ANHUI
State/Country:	CHINA
Postal Code:	230012

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16300474	

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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: 314-621-5070

Email: USpatents@armstrongteasdale.com

Correspondent Name: PATENT DOCKET DEPARTMENT ARMSTRONG TEASD

Address Line 1: 7700 FORSYTH BOULEVARD

Address Line 2: SUITE 1800

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	X1703809B5 (35732-00178)
NAME OF SUBMITTER:	DANIEL M. FITZGERALD
SIGNATURE:	/Daniel M. Fitzgerald/
DATE SIGNED:	11/09/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 16

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Title of Invention	POSITIVE PHOTORESIST COMPOSITION, VIA-FORMING METHOD, DISPLAY SUBSTRATE AND DISPLAY DEVICE		
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This decla	ration		
is directed t	to: The attached application, or		
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The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			

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-	LEGAL NAME OF INVENTOR
-	Inventor: Wei LI Date: Aug LS 20/8
APPROXIMATE.	Signature: WW II

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LEGAL NAME OF INVENTOR	***************************************	***************************************		
inventor: Tongshang SU	Date:	Aug	13.	3018
Signature: Torque SU		. **	* X	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Guangyao LI</u>	Date: <u>Aug 23 , 2018</u>
Signature: Guana vao LI	, y

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*		044400000000000000000000000000000000000	٦
*	LEGAL NAME OF INVENTOR		***************************************
*	Inventor: Yingbin HU	Date: Ary 25 MB	1
L	Signature: Y2'+ H1)	*	

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LEGAL NAME OF INVENTOR		
Inventor: Rui MA	Oate: Aug 23 , 20/8	
Signature: Rui MA	J.	

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LEGAL NAME OF INVENTOR	Kalan in mark managara		
Inventor:SHAQ	Date: Aug . 23 , 20/8		
Signature: ji-ferry SHAO			

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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.

Г	LEGAL NAME OF INVENTOR
	Inventor: Yang ZHANG Date: Aug , L3 , 20/8
L	Signature: Yene THANG

Title of Invention POSITIVE PHOTORESIST COMPOSITION, VIA-FORMING METHOD, DISPLAY SUBSTRATE AND DISPLAY DEVICE				
As a below	As a below named inventor, I hereby declare that:			
This decla	ration			
is directed	to: The attached application, or			
	United States application or PCT international application number			
The above-identified application was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				

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

SELL, ASSIGN AND TRANSFER to BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, P.R. China, and HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at Xinzhan Industrial Park, Hefei, Anhui, 230012, 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, which claims priority to PCT/CN2018/084484 filed on April 25, 2018; which in turn claims priority to CN201710651692.X filed on August 2, 2017; such 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;

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 **ARMSTRONG TEASDALE LLP** 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.

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LEGAL NAME OF INVENTOR			
Inventor: <u>Jienye ZHANG</u>		Date: Avg. >3.	2018
Signature: Tiante	24846	J /	,
