

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5638154

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIANG ZHANG	04/22/2019
XIANG FENG	04/22/2019
WENTING TIAN	04/22/2019
YALONG SU	04/22/2019
BINGQIANG GUI	04/22/2019
XIAORU LIU	04/29/2019
ZHAOKUN YANG	04/29/2019
SHA LIU	04/29/2019
XIAO SUN	04/22/2019
YUN QIU	04/22/2019

RECEIVING PARTY DATA

Name:	BEIJING BOE DISPLAY TECHNOLOGY CO., LTD.
Street Address:	NO.118 JINGHAIYILU, BDA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO.10 JIUXIANQIAO RD.
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16481177

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.

PATENT

Phone: 212-484-3900
Email: patentdocket@arentfox.com
Correspondent Name: ARENT FOX LLP
Address Line 1: 1301 AVENUE OF THE AMERICAS
Address Line 2: FLOOR 42
Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER:	038835-00215
NAME OF SUBMITTER:	MICHAEL FAINBERG
SIGNATURE:	/Michael Fainberg/
DATE SIGNED:	07/26/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 20
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**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input type="checkbox"/> United States application or PCT International application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p>	

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 Beijing BOE Display Technology Co., Ltd., having a place of business at No.118 Jinghaiyilu, BDA, Beijing, 100176, P.R. China, and BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jiuxiangqiao 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, which claims priority to PCT/CN2018/118214 filed on Nov.29,2018; which in turn claims priority to CN201810372250.6 filed on Apr.24,2018; 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;

Docket No. X1704665B4-TD190401973US3

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.

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STATEMENTS

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LEGAL NAME OF INVENTOR	
Inventor: <u>Qiang ZHANG</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Qiang ZHANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiang FENG</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Xiang FENG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Wenting TIAN</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Wenting TIAN</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yalong SU</u>	Date: <u>Apr. 27, 2019</u>
Signature: <u>Yalong SU</u>	

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;

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LEGAL NAME OF INVENTOR	
Inventor: <u>Bingqiang GUI</u>	Date: <u>Apr 27, 2019</u>
Signature: <u>Bingqiang GUI</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiaoru LIU</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Xiaoru LIU</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Zhaokun YANG</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Zhaokun YANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Sha LIU</u>	Date: <u>APR. 22, 2019</u>
Signature: <u>Sha LIU</u>	

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(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input type="checkbox"/> United States application or PCT International application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p>	

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 Beijing BOE Display Technology Co., Ltd., having a place of business at No.118 Jinghaiyilu, BDA, Beijing, 100176, P.R. China, and BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jiuxiangqiao 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, which claims priority to PCT/CN2018/118214 filed on Nov.29,2018; which in turn claims priority to CN201810372250.6 filed on Apr.24,2018; 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;

Docket No. X1704665B4-TD190401973US3

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 Arent Fox LLP / Attorneys at Law 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: <u>Xiao SUN</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Xiao SUN</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yun QIU</u>	Date: <u>Apr. 22, 2019</u>
Signature: <u>Yun QIU</u>	

PATENT