

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5240464

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PENGPENG WANG	10/27/2017
XUE DONG	10/27/2017
HAILIN XUE	10/27/2017
XIAOCHUAN CHEN	10/27/2017
HAISHENG WANG	10/27/2017
SHENGJI YANG	10/27/2017
YINGMING LIU	10/27/2017
XIAOLIANG DING	10/27/2017
WEIJIE ZHAO	10/27/2017
HONGJUAN LIU	10/27/2017
CHANGFENG LI	10/27/2017
WEI LIU	10/27/2017
JIAN GAO	10/27/2017
XIAOCHEN NIU	10/27/2017
RECEIVING PARTY DATA	
Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO. 10 JIUXIANQIAO ROAD, CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015
Name:	BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO. 8 XIHUANZHONGLU, BDA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15737206

CORRESPONDENCE DATA**Fax Number:** (310)820-5988*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:** 404-872-7000**Email:** BSTZFIPGroup@wbd-us.com, nedy.calderon@wbd-us.com**Correspondent Name:** WOMBLE BOND DICKINSON (US) LLP ATTN: IP**Address Line 1:** P.O. BOX 7037**Address Line 4:** ATLANTA, GEORGIA 30357-0037**ATTORNEY DOCKET NUMBER:** 13902P467**NAME OF SUBMITTER:** ERIC S HYMAN**SIGNATURE:** /eric s hyman/**DATE SIGNED:** 11/15/2018

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 28

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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	TOUCH DISPLAY PANEL, DRIVING METHOD THEREOF, AND DISPLAY DEVICE
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is directed to:	<input checked="" type="checkbox"/> 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.	

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:

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

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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LEGAL NAME OF INVENTOR	
Inventor: <u>Pengpeng WANG</u>	Date: <u>Oct. 27. 2017</u>
Signature: <u>Pengpeng WANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xue DONG</u>	Date: <u>Oct. 27, 2017</u>
Signature: <u>Xue DONG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Hailin XUE</u>	Date: <u>Oct .27. 2017</u>
Signature: <u>Hailin XUE</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiaochuan CHEN</u>	Date: <u>Oct 27, 2017</u>
Signature: <u>Xiaochuan CHEN</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Haisheng WANG</u>	Date: <u>Oct. 27. 2017</u>
Signature: <u>Haisheng WANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Shengji YANG</u>	Date: <u>Oct. 27 2017</u>
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LEGAL NAME OF INVENTOR	
Inventor: <u>Yingming LIU</u>	Date: <u>Oct. 27, 2017</u>
Signature: <u>Yingming LIU</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiaoliang DING</u>	Date: <u>Oct 27, 2017</u>
Signature: <u>Xiaoliang DING</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Weijie ZHAO</u>	Date: <u>Oct. 27, 2017</u>
Signature: <u>Weijie ZHAO</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Hongjuan LIU</u>	Date: <u>Oct. 27. 2017</u>
Signature: <u>Hongjuan LIU</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Changfeng LI</u>	Date: <u>Oct. 27. 2017</u>
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LEGAL NAME OF INVENTOR	
Inventor: <u>Wei LIU</u>	Date: <u>Oct. 27. 2017</u>
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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>Jian GAO</u>	Date: <u>Oct. 27, 2017</u>
Signature: <u>Jian GAO</u>	

**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	TOUCH DISPLAY PANEL, DRIVING METHOD THEREOF, AND DISPLAY DEVICE
<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: 100px;"><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 BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jiuxianqiao Rd., Chaoyang District, Beijing, 100015, P. R. China, and BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at No.8 Xihuanzhonglu, BDA, Beijing, 100176, 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/CN2017/077882 filed on March 23, 2017; which in turn claims priority to CN 201610296804.X filed on May 6, 2016; 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;

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 BLAKELY SOKOLOFF TAYLOR & ZAFMAN 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>Xiaochen NIU</u>	Date: <u>Oct. 27, 2017</u>
Signature: <u>Xiaochen NIU</u>	