

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7985759

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE SIXTH INVENTOR WAS SPELLED INCORRECTLY AND SHOULD BE "FU, BAO" INSTEAD OF "FU, BOA" previously recorded on Reel 062933 Frame 0268. Assignor(s) hereby confirms the NAME OF THE SIXTH INVENTOR IS "FU, BAO".

CONVEYING PARTY DATA

Name	Execution Date
XIULING LI	02/27/2023
QIBING GU	02/27/2023
GUOFENG HU	02/27/2023
HONGGE MEI	02/27/2023
NANA GAO	02/27/2023
BAO FU	02/27/2023
XIANGYI CHEN	02/27/2023
LINGYUN SHI	02/27/2023
WENCHIEH HUANG	02/27/2023

RECEIVING PARTY DATA

Name:	BOE MLED TECHNOLOGY CO., LTD.
Street Address:	NO.8 XIHUANZHONG RD., BDA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO.10 JIUXIANQIAO RD., CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18044664

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

PATENT

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 801-533-9800
Email: rlturner@wnlaw.com
Correspondent Name: WORKMAN NYDEGGER
Address Line 1: 60 EAST SOUTH TEMPLE, SUITE 1000
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	18006.224
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NAME OF SUBMITTER:	CARL T. REED
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SIGNATURE:	/Carl T. Reed/
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DATE SIGNED:	06/02/2023
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Total Attachments: 19

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EPAS ID: PAT7836949

SUBMISSION TYPE:	NEW ASSIGNMENT
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Phone:	801-533-9800
Email:	rlturner@wnlaw.com

**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	ARRAY SUBSTRATE AND DRIVING METHOD THEREFOR, AND DISPLAY APPARATUS
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration</p> <p>is directed to:</p> <div><p><input checked="" type="checkbox"/> The attached application, or</p><p><input type="checkbox"/> United States application or PCT international application number _____ filed on _____.</p></div> <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 MLED Technology Co., Ltd., having a place of business at No.8 Xihuanzhong RD., BDA, Beijing, 100176, China, and BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jiuxianqiao 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/CN2021/070955 filed on JANUARY 8, 2021; 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 Workman Nydegger Intellectual Property Attorneys 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.

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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>Xiuling LI</u>	Date: <u>Feb. 27, 2023</u>
Signature: <u>Xiuling LI</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Qibing GU</u>	Date: <u>Feb. 27, 2023</u>
Signature: <u>Qibing GU</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Guofeng HU</u>	Date: <u>Feb. 27, 2023</u>
Signature: <u>Guofeng HU</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Hongge MEI</u>	Date: <u>Feb. 27, 2023</u>
Signature: <u>Hongge MEI</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Nana GAO</u>	Date: <u>Feb. 27. 2013</u>
Signature: <u>Nana GAO</u>	

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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.

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 Workman Nydegger Intellectual Property Attorneys 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>Bao FU</u>	Date: <u>Feb. 27, 2023</u>
Signature: <u>Bao FU</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	ARRAY SUBSTRATE AND DRIVING METHOD THEREFOR, AND DISPLAY APPARATUS
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration</p> <p>is directed to:</p> <p><input checked="" type="checkbox"/> The attached application, or</p> <p><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>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiangyi CHEN</u>	Date: <u>Feb. 27, 2013</u>
Signature: <u>Xiangyi CHEN</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Lingyun SHI</u>	Date: <u>Feb. 27. 2023</u>
Signature: <u>Lingyun SHI</u>	

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Docket No. _____
X2009871B1WO-US/TD230201054US3

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LEGAL NAME OF INVENTOR	
Inventor: _____	Date: <u>Feb. 27, 2023</u>
Signature: <u>Wenchieh HUANG</u>	