

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7023225

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
JIE HUANG	07/01/2021
JIAYU HE	07/01/2021
CE NING	07/01/2021
ZHENGLIANG LI	07/01/2021
HEHE HU	07/01/2021
FENGJUAN LIU	07/01/2021
NIANQI YAO	07/01/2021
KUN ZHAO	07/01/2021
TIANMIN ZHOU	07/01/2021
JIUSHI WANG	07/01/2021
ZHONGPENG TIAN	07/01/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	BOE TECHNOLOGY GROUP CO., LTD.
<b>Street Address:</b>	NO. 10 JIUXIANQIAO RD.
<b>Internal Address:</b>	CHAOYANG DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100015

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17611156

**CORRESPONDENCE DATA**

Fax Number: (216)363-9001

*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: 216.363.9000

Email: uspto@faysharpe.com

Correspondent Name: FAY SHARPE LLP

Address Line 1: 1228 EUCLID AVENUE, 5TH FLOOR

Address Line 2: THE HALLE BUILDING

PATENT

**Address Line 4:** CLEVELAND, UNITED STATES 44115

**ATTORNEY DOCKET NUMBER:** SANG 200493US01

**NAME OF SUBMITTER:** RICHARD M. KLEIN

**SIGNATURE:** /Richard M. Klein/

**DATE SIGNED:** 11/14/2021

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

**Total Attachments: 22**

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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**

<b>Title of Invention</b>	THIN FILM TRANSISTOR AND METHOD FOR MANUFACTURING THE SAME, ARRAY SUBSTRATE AND DISPLAY DEVICE
As a below named inventor, I hereby declare that:	
This declaration	
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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\_\_\_\_\_, having a place of business at No.10 Juxianqiao Rd., Chaoyang District,  
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"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/CN2021/074058 filed on Jan 28, 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  
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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.

Fay Sharpe LLP

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LEGAL NAME OF INVENTOR	
Inventor: <u>Jie HUANG</u>	Date: <u>JUL 1, 2024</u>
Signature: <u>Jie HUANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Jiayu HE</u>	Date: <u>Jul. 1, 2021</u>
Signature: <u>Jiayu HE</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Ge NING</u>	Date: <u>Jul 1, 2021</u>
Signature: <u>Ge NING</u>	



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LEGAL NAME OF INVENTOR	
Inventor: <u>Zhengliang LI</u>	Date: <u>JUL 1 2021</u>
Signature: <u>Zhengliang LI</u>	

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LEGAL NAME OF INVENTOR	
Inventor: Hehe HU	Date: JUL 1, 2021
Signature: Hehe HU	



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LEGAL NAME OF INVENTOR	
Inventor: <u>Fengjuan LIU</u>	Date: <u>Jul 1, 2024</u>
Signature: <u>Fengjuan LIU</u>	

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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.

Fay Sharpe LLP

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#### STATEMENTS

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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>Niangi YAO</u>	Date: <u>JUL 1, 2021</u>
Signature: <u>Niangi YAO</u>	



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

<b>Title of Invention</b>	<b>THIN FILM TRANSISTOR AND METHOD FOR MANUFACTURING THE SAME, ARRAY SUBSTRATE AND DISPLAY DEVICE</b>
<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>  <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 Juxianqiao Rd., Chaoyang District, Beijing, 100015, P.R. China (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/CN2021/074058 filed on Jan 28, 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;

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LEGAL NAME OF INVENTOR	
Inventor: <u>Kun ZHAO</u>	Date: <u>JUL 1, 2021</u>
Signature: <u>Kun ZHAO</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Tianmin ZHOU</u>	Date: <u>JUL 1, 2021</u>
Signature: <u>Tianmin ZHOU</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Jiushi WANG</u>	Date: <u>JUL 1, 2021</u>
Signature: <u>Jiushi WANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Zhongpeng TIAN</u>	Date: <u>JUN. 1, 2021</u>
Signature: <u>ZHONGPENG TRAN</u>	