504017012 09/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4063669

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE ADDRESS WAS MISSPELLED ON THE PATENT ASSIGNMENT COVER SHEET previously recorded on Reel 039435 Frame 0286. Assignor(s) hereby confirms the BOE TECHNOLOGY GROUP CO., LTD. NO. 10 JIUXIANGQIAO RD., CHAOYANG DISTRICT BEIJING, CHINA 100015.

CONVEYING PARTY DATA

Name	Execution Date
JIAN MIN	06/03/2016
XIAOLONG LI	06/03/2016
ZHENGYIN XU	06/03/2016
PING SONG	06/03/2016
YOUWEI WANG	06/03/2016

RECEIVING PARTY DATA

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:	15236696

CORRESPONDENCE DATA

Fax Number:

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: 248-358-4400

Email: cdara@brookskushman.com Correspondent Name: BROOKS KUSHMAN P.C. Address Line 1: 1000 TOWN CENTER

Address Line 2: TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	BOED0138PUSA
NAME OF SUBMITTER:	MICHAEL S. BRODBINE
SIGNATURE:	/Michael S. Brodbine/

PATENT REEL: 040107 FRAME: 0642 504017012

DATE SIGNED:	09/22/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
otal Attachments: 11	
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ource=Assignment_withCoverSheet#pa	ge2.tif
ource=Assignment_withCoverSheet#pa	ge3.tif
source=Assignment_withCoverSheet#page4.tif	
ource=Assignment_withCoverSheet#pa	ge5.tif
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PATENT REEL: 040107 FRAME: 0643

Title of Invention	THIN FILM TRANSISTOR, METHOD FOR MANUFACTURING THE SAME, ARRAY SUBSTRATE, AND DISPLAY DEVICE		
As a below	As a below named inventor, I hereby declare that:		
This declar			
is directed	to: The attached application, or		
The above-i	United States application or PCT international application number $\frac{15/236,696}{\text{mode or authorized to be made by me.}}$.		
I believe that I am the original inventor or an original joint inventor of a claimed inventior 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:

SELL, ASSIGN AND TRANSFER to <u>BOE TECHNOLOGY GROUP CO., LTD.</u>, having a place of business at <u>No.10 Jiuxianqiao Rd.</u>, Chaoyang District, Beijing 100015, <u>China</u> (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 <u>CN_201610124743.9</u> filed on <u>March 4, 2016</u>; which in turn claims priority to <u>filed on ______</u>; 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 **Brooks Kushman** P.C. 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.

LEGAL NAME OF INVENTOR	
Inventor: Jian MIN Date:	Jun 3, 7016
Signature: Jian MIN	

Ti	tle	of	:	
ln	ve	nti	10	1

THIN FILM TRANSISTOR, METHOD FOR MANUFACTURING THE SAME, ARRAY SUBSTRATE, AND DISPLAY DEVICE

As a below named inventor, I hereby declare that:

This declaration

is directed to:

The attached application, or

^{Tx} United States application or PCT international application

number 15/236,696 filed on Aug. 15, 2016

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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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.	BOED0138PUSA

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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STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

LEGAL NAME OF INVENTOR	
Inventor: Zhengyin XU Date:	June. 3, 2016
Signature: Zhengyin	(U

Title of Invention	THIN FILM TRANSISTOR, METHOD FOR MANUFACTURING THE SAME, ARRAY SUBSTRATE, AND DISPLAY DEVICE	
As a below named inventor, I hereby declare that:		
This decla	The attached application or	
The above-	United States application or PCT international application number $\underline{15/236,696}$ filed on $\underline{\text{Aug. }15,2016}$. identified application was made or authorized to be made by me.	
I believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed inventior cation.	
	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.	

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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;

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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 Öffice 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: Xiaolong LI Date: Jwn 3, 7016
Signature: Lillolong LZ
1/1 2021

Title of Invention	THIN FILM TRANSISTOR, METHOD FOR MANUFACTURING THE SAME, ARRAY SUBSTRATE, AND DISPLAY DEVICE	
As a below	named inventor, I hereby declare that:	
This declar	The attached application or	
The above-i	United States application or PCT international application number 15/236,696 filed on Aug. 15, 2016 dentified application was made or authorized to be made by me.	
l believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention action.	
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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.

LEGAL NAME OF INVENTOR	
Inventor: Ping SONG Date:	Jun 3,2016
Signature: Ping Sonts	

Title of	THIN FILM TRANSISTOR, METHOD FOR MANUFACTURING THE SAME, ARRAY
Invention	SUBSTRATE, AND DISPLAY DEVICE

As a below named inventor, I hereby declare that:

This declaration

is directed to:

The attached application, or

United States application or PCT international application number 15/236,696 filed on Aug. 15, 2016

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Docket No.	BOED0138PUSA
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STATEMENTS

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LEGAL NAME OF INVENTOR	
Inventor: Youwei WANG Date:	Im 3, 2016
Signature: YruWCi Wr7/V/7	

503960345 08/15/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4007000 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN MIN	06/03/2016
XIAOLONG LI	06/03/2016
ZHENGYIN XU	06/03/2016
PING SONG	06/03/2016
YOUWEI WANG	06/03/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15236696

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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Phone: 2483584400

Email: mkatirtzidakis@brookskushman.com

Correspondent Name: BROOKS KUSHMAN P.C.

Address Line 1: 1000 TOWN CENTER

Address Line 2: TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER:

MICHAEL S. BRODBINE

SIGNATURE:

/Michael S. Brodbine/

DATE SIGNED:

08/15/2016

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

PATENT
RECORDED: 09/22/2016 REEL: 040107 FRAME: 0654