504539969 09/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4586676

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PENGPENG WANG	08/11/2017
XUE DONG	08/11/2017
JING LV	08/11/2017
HAISHENG WANG	08/11/2017
CHUNWEI WU	08/11/2017
XIAOLIANG DING	08/11/2017
YINGMING LIU	08/11/2017
WEI LIU	08/11/2017
YANLING HAN	08/11/2017
XUEYOU CAO	08/11/2017
CHANGFENG LI	08/11/2017
RUI XU	08/11/2017
YANAN JIA	08/11/2017
LIJUN ZHAO	08/11/2017

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:	15553127

CORRESPONDENCE DATA

Fax Number: (408)720-8383

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: (408)720-8300

Email: esh_admin@bstz.com, fip_group@bstz.com

PATENT REEL: 043791 FRAME: 0137

Correspondent Name: BSTZ

Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	13902P399
NAME OF SUBMITTER:	ERIC S HYMAN
SIGNATURE:	/eric s hyman/
DATE SIGNED:	09/08/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 28

source=13902P399 Dec Assign#page1.tif source=13902P399 Dec Assign#page2.tif source=13902P399_Dec_Assign#page3.tif source=13902P399_Dec_Assign#page4.tif source=13902P399_Dec_Assign#page5.tif source=13902P399 Dec Assign#page6.tif source=13902P399_Dec_Assign#page7.tif source=13902P399_Dec_Assign#page8.tif source=13902P399_Dec_Assign#page9.tif source=13902P399 Dec Assign#page10.tif source=13902P399 Dec Assign#page11.tif source=13902P399_Dec_Assign#page12.tif source=13902P399 Dec Assign#page13.tif source=13902P399 Dec Assign#page14.tif source=13902P399 Dec Assign#page15.tif source=13902P399 Dec Assign#page16.tif source=13902P399 Dec Assign#page17.tif source=13902P399 Dec Assign#page18.tif source=13902P399 Dec Assign#page19.tif source=13902P399_Dec_Assign#page20.tif source=13902P399_Dec_Assign#page21.tif source=13902P399 Dec Assign#page22.tif source=13902P399 Dec Assign#page23.tif source=13902P399_Dec_Assign#page24.tif source=13902P399_Dec_Assign#page25.tif source=13902P399_Dec_Assign#page26.tif source=13902P399 Dec Assign#page27.tif source=13902P399 Dec Assign#page28.tif

> PATENT REEL: 043791 FRAME: 0138

Title of Invention	Display device and fingerprint identification method thereof
As a below	named inventor, I hereby declare that:
This decla	ration
is directed	to:
	United States application or PCT international application number
The above-	identified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention 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) oth.

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 (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/CN2017/074726 filed on February 24, 2017; which in turn claims priority to CN 201610378410.9 filed on May 31, 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 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

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 <u>BLAKELY SOKOLOFF TAYLOR & ZAFMAN</u> 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:	Pengpeng WANG	Date: AUG. 11. 2017
Signature:	Pengpeng WANG	

Title of Invention	Display device and fingerprint identification method thereof
As a below	named inventor, I hereby declare that:
This decla	ration
is directed	to: From The attached application, or
	United States application or PCT international application number
The above-	identified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
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LEGAL NAME	OF INVENTOR	
Inventor:	Xue DONG	Date: AUG. 11. 2017
Signature:	xue DONG	

Title of Invention	Display device and fingerprint identification method thereof
As a below	named inventor, I hereby declare that:
This decla is directed The above-	☑ The attached application, or
l believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention 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) oth.

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STATEMENTS

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LEGAL NAME	OF INVENTOR	
Inventor:	Jing LV	Date: AUG 11, 2017
Signature:	Jing LV	

Title of Invention	Display device and fingerprint identification method thereof
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to: For The attached application, or
	United States application or PCT international application numberfiled on
The above-	identified application was made or authorized to be made by me.
I believe thain the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
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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 (DF INVENTOR	
Inventor:	Haisheng WANG	Date: AUG. 11. 2017
Signature:	Haisheng WANG	

Title of Invention	Display device and fingerprint identification method thereof	
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 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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STATEMENTS

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LEGAL NAME O	FINVENTOR	
Inventor:	Chunwei WU	Date: AUG, 11, 2017
Signature:	Chun we: WU	

Title of Invention	Display device and fingerprint identification method thereof		
As a below	As a below named inventor, I hereby declare that:		
This decla	ration		
is directed	to: ▼ The attached application, or		
	United States application or PCT international application number		
The above-	The above-identified 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 cation.		
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STATEMENTS

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LEGAL NAME C	OF INVENTOR	
Inventor:	Xiaoliang DING	Date: AUG. 1. 2017
Signature:	Xiaoliang DING	

Title of Invention	Display device and fingerprint identification method thereof
As a below	named inventor, I hereby declare that:
This decla	ration
is directed	to:
	United States application or PCT international application number
The above-	identified 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 cation.
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STATEMENTS

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LEGAL NAME	OF INVENTOR	
Inventor:	Yingming LIU	Date: AUG. 11. 2017
Signature:	Yingming LIU	

Title of Invention	Display device and fingerprint identification method thereof		
As a below	As a below named inventor, I hereby declare that:		
This decla	ration		
is directed	to: ▼ The attached application, or		
Tabananah maranah mara	United States application or PCT international application number		
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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:	Wei LIU	Date: AUG. 11. 2017
Signature:	We; LIU	

Title of Invention	Display device and fingerprint identification method thereof
As a below	named inventor, I hereby declare that:
This decla	ration
is directed	to: F The attached application, or
The above-	United States application or PCT international application number filed on identified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention 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) oth.

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

1

PATENT REEL: 043791 FRAME: 0155

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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:	Yanling HAN	Date: AUG. 11. 2017
Signature:	Yanling HAN	

Title of Invention	Display device and fingerprint identification method thereof	
As a below	named inventor, I hereby declare that:	
This declar	The attached application, or	
The above-	United States application or PCT international application number, 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.		
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;

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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:	Xueyou CAO	Date: AUG. 11. 2017
Signature:	Xueyou CAO	

Title of Invention	Display device and fingerprint identification method thereof		
As a below	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 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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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:	Changfeng LI	Date: AUG. 11. 2017
Signature:	Changfeng LI	

Title of Invention	Display device and fingerprint identification method thereof		
As a below	As a below named inventor, I hereby declare that:		
This decla			
is directed	is directed to:		
	United States application or PCT international application number		
The above-identified application was made or authorized to be made by me.			
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.		
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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STATEMENTS

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 LEGAL NAME OF INVENTOR			
Inventor: Rui XU	_ Date:_	AUG.	11. 2017
Signature: Rul XU			

Title of Invention	Display device and fingerprint identification method thereof		
As a below	As a below named inventor, I hereby declare that:		
This decla	ration		
is directed	s directed to:		
United States application or PCT international application number			
The above-	dentified 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 invention eation.		
hereby acknowledge that any willful false statement made in this declaration is bunishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			

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STATEMENTS

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LEGAL NAMI	E OF INVENTOR	
Inventor:	Yanan JIA	Date: AUG. 11, 2017
Signature:	Yanan JIA	

Title of Invention	Display device and fingerprint identification method thereof		
As a below named inventor, I hereby declare that:			
This decla	ration		
is directed	ected to:		
The chave	United States application or PCT international application numberfiled on		
i ne above-	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 invention cation.		
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1

PATENT REEL: 043791 FRAME: 0165

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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:	Lijun ZHAO	Date: AUG. 11. 2017
Signature:	Lijun ZHAO	