505375627 03/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5422420

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DINI XIE	03/05/2019	
WEI LI	03/05/2019	

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:	16333437

CORRESPONDENCE DATA

Fax Number: (571)395-8753

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: (703) 827-3800

Email: patentmail@whda.com

Correspondent Name: WESTERMAN, HATTORI, DANIELS & ADRIAN, LL

Address Line 1: 8500 LEESBURG PIKE

Address Line 2: SUITE 7500

Address Line 4: TYSONS, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P190195US00
NAME OF SUBMITTER:	YOLIDIA A. PASOS
SIGNATURE:	/YOLIDIA A. PASOS/
DATE SIGNED:	03/14/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

source=P190195US00_Combined_Declaration_and_Assignment_03-14-2019#page1.tif source=P190195US00_Combined_Declaration_and_Assignment_03-14-2019#page2.tif source=P190195US00_Combined_Declaration_and_Assignment_03-14-2019#page3.tif

PATENT 505375627 REEL: 048606 FRAME: 0802

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PATENT REEL: 048606 FRAME: 0803

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

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As a belov	v named im	entor, I he	ereby de	clare that	ž.			
This decla	ration							***
is directed	to:	♥ The atta	ached ap	oplication,	Of			22
							internationa	l application
The above-	identified a	pplication	was ma	de or auth	orized	to be	made by me.	
l believe the in the appli		original in	ventor o	r an origir	nal joint	l inver	itor of a clain	ned invention
	under 18							eclaration is than five (5)

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 atNo.10 Jiuxianqiao 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/CN2018/100380 filed on Aug.14,2018; which in turn claims priority to
CN201711007645.8 filed on Oct.25,2017; 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;

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PATENT REEL: 048606 FRAME: 0804 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 <u>WHDA</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.

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 Dini XIE	Date: Mar. 5,2019
Signature Pim XIE	

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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

0000 x 3	ARRAY SUBSTRATE, METHOD OF FABRICATING ARRAY SUBSTRATE, D ISPLAY PANEL, AND DISPLAY DEVICE
As a below	v 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 the	at I am the original inventor or an original joint inventor of a claimed invention cation.
	cknowledge 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:

,having a place of business atNo.10 Jiuxianqiao 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
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undersigned concurrently herewith, which claims priority to
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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;

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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.

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•••	LEGAL NAME OF INVE	NTOR								
	Inventor: Wei LI	**************************************		Jate:	Mar.	Ľ.	2314	*************	***********	
	Sinnahire	Web LI	85							

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