506882802 09/22/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6929623

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YAN YANG	06/04/2020
CHINGHUA HUNG	06/04/2020
RUILIU	06/04/2020
WEI SUN	06/04/2020
MING CHEN	06/04/2020
WENCHIEH HUANG	06/04/2020

### **RECEIVING PARTY DATA**

Name:	BEIJING BOE DISPLAY TECHNOLOGY CO., LTD.
Street Address:	NO.118 JINGHAIYILU, BDA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO.10 JIUXIANQIAO RD.
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16963302	

#### CORRESPONDENCE DATA

Fax Number: (770)951-0933

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: 7709339500

Email: m.meegan@thip.law

**Correspondent Name:** THOMAS | HORSTEMEYER, LLP 3200 WINDY HILL ROAD SE Address Line 1:

Address Line 2: SUITE 1600E

**REEL: 057569 FRAME: 0026** 506882802

PATENT -

Address Line 4: ATLA	ANTA, GEORGIA 30339
ATTORNEY DOCKET NUMBER:	100602-1480
NAME OF SUBMITTER:	KENNETH A. KNOX
SIGNATURE:	/Kenneth A. Knox/
DATE SIGNED:	09/22/2021

## **Total Attachments: 12**

source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page1.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page2.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page3.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page4.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page5.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page6.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page7.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page8.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page9.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page10.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page11.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page11.tif source=100602-1480 Executed Decs-Assigns 4820-4387-1683 v.1#page11.tif

PATENT REEL: 057569 FRAME: 0027

# COMBINED DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	DISPLAY DRIVING METHOD, DISPLAY DRIVING CIRCUIT, AND DISPLAY DEVICE
As a below	named inventor, I hereby declare that:
believe that in the applic	to:    United States application, or PCT international application or PCT international application numberfiled on   identified application was made or authorized to be made by me.   at I am the original inventor or an original joint inventor of a claimed invention
punishable years, or bo	under 18 U.S.C. 1001 by fine or imprisonment of not more 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 Beijing BOE Display Technology Co., Ltd., having a place of business at No.118 Jinghaiyilu, BDA, Beijing, 100176, P. R. 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/CN2019/107272 filed on September 23, 2019 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.

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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 Yan YANG	Date: Tkn - 4, 2,	020
SOCIOLOS YAN YANGI		

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As a below	named inventor, I hereby declare that:		
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LEGAL NAME OF INVENTOR						
Inventor: Chinghua HUNG		iii.	Date:	Jun. 4,	2020	
Signature: Chimphus a	HUNG					
				•		

## 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 below	named inventor, I hereby declare that:		
This declar	♥ The attached soolication, or		
	dentified application was made or authorized to be made by me. It I am the original inventor or an original joint inventor of a claimed invention		
hereby a punishable years, or bo	cknowledge that any willful faise 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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LEGAL NAME OF INVENTOR	
Inventor Rul LIU	D303
Signature: Rui LIU	

# 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 below	named inventor, I hereby declare that:
This declar	© The attached application or
The shove	United States application or PCT international application number filed on dentified application was made or authorized to be made by me.
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LEGAL NAME OF INVENTOR	
Security Wat Cliff	Date: Jun. 4, 2020
13 1 1 1 1 1	
Signature: Wit NU/V	

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l hereby a punishable years, or bo	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) th.	

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LEGAL NAME OF INVENTOR	right of the second of the sec		
Inventor: Ming CHEN	Date	7un. 4, 2020	<b>*</b>
Signature Miso CHEN.			
			:

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LEGAL NAME OF INVENTOR	
Inventor: Wenchieh HUANG	oate: <u></u>
	HUANG.

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PATENT REEL: 057569 FRAME: 0039