#### 04/21/2021 506621077

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6667884

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHANG WANG	05/09/2020
TIEGANG WANG	05/09/2020
HUI ZHANG	05/09/2020
XIAO MA	05/09/2020
QIANQIAN LIU	05/09/2020
BIN ZHANG	05/09/2020

#### **RECEIVING PARTY DATA**

Name:	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO.1188 HEZUO RD., (WEST ZONE), HI-TECH DEVELOPMENT ZONE
Internal Address:	SICHUAN
City:	CHENGDU
State/Country:	CHINA
Postal Code:	611731
Managar	DOE TEOLINOLOGY ODGUD GO. LTD
Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO.10 JIUXIANQIAO RD.
	·
Street Address:	NO.10 JIUXIANQIAO RD.
Street Address: Internal Address:	NO.10 JIUXIANQIAO RD. CHAOYANG DISTRICT

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16770722

#### **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 Address Line 1: 3200 WINDY HILL ROAD SE

PATENT

REEL: 055988 FRAME: 0098 506621077

		E 1600E NTA, GEORGIA 30339	
ATTORNEY DOCKET NUMBER:		100602-1320	
NAME OF SUBMITTER:		KENNETH A. KNOX	
SIGNATURE:		/Kenneth A. Knox/	
DATE SIGNED:		04/21/2021	

source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page1.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page2.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page3.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page4.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page5.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page6.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page7.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page8.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page9.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page10.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page11.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page11.tif source=100602-1320 Executed Decs-Assign 4843-4830-3551 v.1#page11.tif

**Total Attachments: 12** 

PATENT REEL: 055988 FRAME: 0099

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

Title of Invention	RN 82 8 7 8 4	TRANSMISSION METHOD AND DEVICE, DISPLAY CE
As a below	v named	inventor, I hereby declare that:
This decla	ration	*
is directed	to:	▼ The attached application, or
	5 4 40 <i>8</i> 5	United States application or PCT international application number filed on
ine above-	identinec	application was made or authorized to be made by me.
believe than the applic		e original inventor or an original joint inventor of a claimed invention
	under 18	ge that any willful false statement made in this declaration is 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 Chengdu BOE Optoelectronics Technology Co.; Ltd. , having a place of business at No.1188 Hezun Rd., (West Zone), Hi-tech Development Zone, Chengdu, Sichuan, 611731, P.R.China , and TECHNOLOGY GROUP CO., LTD. , having a place of business at No.10 Jiuxiangiao 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 aboveidentified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2019/127933 filed on Dec.24.2019; which in turn claims priority to CN201910028180.7 filed on \_\_\_Jan,11,2019 ; 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;

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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 \_\_\_\_\_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	d.			•
Inventor: Chang WANG	Date: /	May	09,2020	
Signature: Chara WANG				

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1	itle of evention	DATA TRANSMISSION METHOD AND DEVICE	D DEVICE, DISPLAY
Α	s a below	named inventor, I hereby declare that:	
is Th		to:  United States application, or  United States application or PCT numberfiled on dentified application was made or authorized to  it I am the original inventor or an original joint in	to be made by me.
pu		knowledge that any willful false statement made under 18 U.S.C. 1001 by fine or imprisonment 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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LEGAL NAME OF INVENTOR	ē.	*	₩.
Inventor: Tiegang WANG		Date <b>(Noy .</b> 07,2070	
Signature: 134994 WA	<u> </u>	X8 8	

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

Title of Invention	DATA TRANSMISSION METHOD AND DEVICE, DISPLAY DEVICE	
As a below	named inventor, I hereby declare that:	
This decla	ration	8.
is directed	to: The attached application, or	
The above-i	United States application or PCT international application numberfiled ondentified 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	
	mowledge 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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PATENT REEL: 055988 FRAME: 0104

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					•
Inventor: Hui ZHANG	:	Date:	May. 03.	ww	 
Signature: Hij 2HANG					

### 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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	This declar	W The attached application or	Y
		numberfiled ondentified application was made or authorized to be made by me.  t I am the original inventor or an original joint inventor of a claimed invention	
177		nowledge 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	÷		
	Inventor: Xiao MA	Di	ateMQJ.09,20>0	
	Signature: Xi ao AA			

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Title of Invention	DATA TRANSMISSION METHOD AND DEVICE, DISPLAY DEVICE				
As a below	As a below named inventor, I hereby declare that:				
This declar	ation				
is directed	to: ☑ The attached application, or				
	United States application or PCT international application numberfiled ondentified application was made or authorized to be made by me.				
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.					
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LEGAL NAME OF INVENTOR	<b>v</b> .		*
Inventor: Qiangian LIU		Dale: May , 09	, w
Signature: (Vianglat LIU			

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

Title	e of ention	DATA TRANSMISSION METHOD AND DEVICE, DISPLAY DEVICE			
As a below named inventor, I hereby declare that:					
This declaration					
is directed to:		to:			
		United States application or PCT international application number			
The above-identified application was made or authorized to be made by me.					
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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PATENT REEL: 055988 FRAME: 0110

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***		- 3
	LEGAL NAME OF INVENTOR	
	Inventor Bin ZHANG Date: A. 21. 220	
	Survey Dr. a 7M2-VCI	
	247 333 E	Carterior

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PATENT REEL: 055988 FRAME: 0111

RECORDED: 04/21/2021