505992539 03/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6039249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
WEI QIN	03/03/2020	
XIAOLONG LI	03/04/2020	
KUANJUN PENG	03/04/2020	
CHUNFANG ZHANG	03/03/2020	
ZHIQIANG XU	02/28/2020	
YANAN NIU	03/03/2020	

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:	16835479

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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: 6123343222

Email: bdahlager@wck.com JUDSON K CHAMPLIN **Correspondent Name:**

121 SOUTH EIGHTH STREET Address Line 1:

Address Line 2: **SUITE 1100**

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: B200.0893US1	
NAME OF SUBMITTER:	JUDSON K. CHAMPLIN
SIGNATURE:	/Judson K. Champlin/
DATE SIGNED:	03/31/2020

Total Attachments: 12 source=Assignment_2020-03-31#page1.tif source=Assignment_2020-03-31#page2.tif source=Assignment_2020-03-31#page3.tif source=Assignment_2020-03-31#page4.tif source=Assignment_2020-03-31#page5.tif source=Assignment_2020-03-31#page6.tif source=Assignment_2020-03-31#page7.tif source=Assignment_2020-03-31#page8.tif source=Assignment_2020-03-31#page9.tif source=Assignment_2020-03-31#page10.tif source=Assignment_2020-03-31#page11.tif source=Assignment_2020-03-31#page11.tif

Title of Invention	PIXEL DRIVING CIRCUIT AND DRIVING METHOD THEREOF, DISPLAY PANEL AND DISPLAY DEVICE		
As a below	v named inventor, I hereby declare that:		
This decla	The attached application, or		
is directed The above-	United States application or PCT international application number 16/835,479 filed on March 31, 2020 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 the application.			
hereby a punishable years, or bo	acknowledge 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 (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 CN20191111274.7 filed on Nov.13.2019: 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.

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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: Zhigiang XU	Date:	Feb. 28, 2020	
Signature: Zhiqiang XV			

Title of Invention	PIXEL DRIVING CIRCUIT AND DRIVING METHOD THEREOF, DISPLAY PANEL AND DISPLAY DEVICE
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	United States application or PCT international application numberfiled onidentified application was made or authorized to be made by me.
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LEGAL NAME OF INVENTOR	
Inventor: <u>Kuanjun PENG</u>	Dale: Mar 4, 2º20
Signature: Kawilum PMA	
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Title of Invention	PIXEL DRIVING CIRCUIT AND DRIVING METHOD THEREOF, DISPLAY PANEL AND DISPLAY DEVICE
or beginned as restricted to the restricted of the second states are researched to	v named inventor, I hereby declare that:
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	United States application or PCT international application numberfiled onidentified application was made or authorized to be made by me.
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LEGAL NAME OF INVENTOR				
Inventor: Yanan NIU	Date:	Mar.	3, 2020	
Signature Yahan MM			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

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LEGAL NAME OF INVENTOR	
Inventor: Wei QIN Date: Mg/ 3, 2/20	
Signature: Wi D/N	

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LEGAL NAME OF INVENTOR	
Inventor: Xiaolong LI	15-de Mar 4, 2520
Signature Xips/sn/ 4/	
J	

Title of Invention	PIXEL DRIVING CIRCUIT AND DRIVING METHOD THEREOF, DISPLAY PANEL AND DISPLAY DEVICE						
As a below named inventor, I hereby declare that:							
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LEGAL NAME OF INVENTOR	
Invertor: Chunfang ZHANG Date: Ma	r, 3,2020
Bionaiure Chunfanz ZHAVG	