506131848 06/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6178575

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIN ZHANG	06/03/2020
HONGLIANG WANG	06/08/2020
KE DAI	06/08/2020
LEI GUO	06/08/2020
YANPING LIAO	06/03/2020

RECEIVING PARTY DATA

Name:	HEFEI BOE DISPLAY TECHNOLOGY CO., LTD.	
Street Address:	BLOCK 15 GROUP-A ZONE-E OF INDUSTRIAL PARK	
Internal Address:	HEFEI NEW STATION, XINZHAN DISTRICT	
City:	HEFEI, ANHUI	
State/Country:	CHINA	
Postal Code:	230012	
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:	16959217

CORRESPONDENCE DATA

Fax Number: (212)484-3901

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: 202-857-6000

Email: patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP - NEW YORK

Address Line 1: 1717 K STREET, NW

Address Line 4: WASHINGTON, D.C. 20006-5344

PATENT REEL: 053085 FRAME: 0912

ATTORNEY DOCKET NUMBER:	038835.00488
NAME OF SUBMITTER:	MICHAEL FAINBERG
SIGNATURE:	/Michael Fainberg/
DATE SIGNED:	06/30/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10	
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Title of Invention	LIQUID CRYSTAL DISPLAY PANEL AND DISPLAY DEVICE
As a below	named inventor, I hereby declare that:
This declar	C 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.
I believe tha in the applic	t I am the original inventor or an original joint inventor of a claimed invention ation.
	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.

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 Hefei BOE Display Technology Co., Ltd. ,having a place of business at Block 15 Group-A Zone-E of Industrial Park in Hefei New Station, Xinzhan District, Hefei, Anhui, 230012, 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 aboveidentified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2019/103411 filed on Aug. 29.2019; 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;

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>Arent Fox LLP |</u>
<u>Attorneys at Law</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: Lin ZHANG	Date: <u>Jun. 03. 2020</u>
Signature: Lin. 2HAN/s	

Title of Invention	LIQUID CRYSTAL DISPLAY PANEL AND DISPLAY DEVICE
As a below	named inventor, I hereby declare that:
This declar	C 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.
I believe tha in the applic	t I am the original inventor or an original joint inventor of a claimed invention ation.
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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;

Docket No. X1901032B9-TD200504198US3

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;

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LEGAL NAME OF INVENTOR			
Inventor. Hongliang WANG	Date:	Jun od z	2020
Signature: Hors Lost WANG	******************************		

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As a below	named inventor, I hereby declare that:
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LEGAL NAME OF INVENTOR			_	
Inventor: Ke DAI	_ Date:	Jun	. 08, 2020	
signature: ke PAL				

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As a below	named inventor, I hereby declare that:
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I believe tha in the applic	t I am the original inventor or an original joint inventor of a claimed invention ation.
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LEGAL NAME OF INVENTOR				
Inventor: Lei GUO	Date:	Tune.	8Н.	2020
Signature: Les avo			•	

Title of Invention	LIQUID CRYSTAL DISPLAY PANEL AND DISPLAY DEVICE			
As a below named inventor, I hereby declare that:				
This declar	ration			
is directed	to: The attached application, or			
	United States application or PCT international application number			
The above-i	dentified 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
Inventor: Yanping LIAO Date: Jua, 63, 2020
Signature: Yanging LIAD

2