

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4386726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN GAO	04/18/2017
XUE DONG	04/18/2017
XIAOCHUAN CHEN	04/18/2017
QIAN WANG	04/18/2017
WENQING ZHAO	04/18/2017
HAISHENG WANG	04/18/2017
PENGCHENG LU	04/18/2017
MING YANG	04/18/2017
XIAOCHEN NIU	04/18/2017
LEI WANG	04/18/2017
RUI XU	04/18/2017

RECEIVING PARTY DATA

Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO. 10 JIUXIANQIAO RD.
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
Name:	BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO. 8 XIHUANZHONGLU, BDA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15522277

CORRESPONDENCE DATA

Fax Number: (612)339-6580

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent***PATENT**

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6123391863
Email: bgould@kinney.com
Correspondent Name: ALAN M. KOENCK
Address Line 1: KINNEY & LANGE, P.A.
Address Line 2: 312 SOUTH THIRD STREET
Address Line 4: MINNEAPOLIS, MINNESOTA 55415

ATTORNEY DOCKET NUMBER:	B862.312-0347
NAME OF SUBMITTER:	ALAN M. KOENCK
SIGNATURE:	/Alan M. Koenck/
DATE SIGNED:	04/26/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 22

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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**

Title of Invention	Liquid Crystal Panel, Display Apparatus and Display Method
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/>The attached application, or <input type="checkbox"/>United States application or PCT international application number filed on</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I 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.</p>	

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:

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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;

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.

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LEGAL NAME OF INVENTOR	
Inventor: Jian GAO	Date: APR. 18, 2017
Signature: Jian GAO	

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LEGAL NAME OF INVENTOR	
Inventor: Xue DONG	Date: APR. 18, 2017
Signature: Xue DONG	

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LEGAL NAME OF INVENTOR	
Inventor: Xiaochuan CHEN	Date: APR. 18, 2017
Signature: <u>XIAOCHUAN CHEN</u>	

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LEGAL NAME OF INVENTOR	
Inventor: Qian WANG	Date: APR 18, 2017
Signature: Qian WANG	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Wenging ZHAO</u>	Date: <u>APR. 18, 2017</u>
Signature: <u>Wenging ZHAO</u>	

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LEGAL NAME OF INVENTOR	
Inventor: Hailsheng WANG	Date: APR 18, 2017
Signature: Hailsheng WANG	

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<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/>The attached application, or <input type="checkbox"/>United States application or PCT international application number filed on</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I 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.</p>	

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, China and BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at No.8 Xihuanzhonglu, BDA, Beijing 100176, China, (hereafter 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/CN2016/086390 filed on 2016-06-20; which in turn claims priority to 201610125155.7 filed on 2016-03-04; 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.

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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: Pengcheng LU	Date: APR. 18, 2017
Signature: Pengcheng LU	

**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	Liquid Crystal Panel, Display Apparatus and Display Method
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LEGAL NAME OF INVENTOR	
Inventor: Ming YANG	Date: APR. 18, 2017
Signature: Ming YANG	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xingchen NLU</u>	Date: <u>APR 18, 2017</u>
Signature: <u>Xingchen NLU</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Lei WANG</u>	Date: <u>APR 18, 2017</u>
Signature: <u>Lei WANG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: Rui XU	Date: APR. 18, 2017
Signature: <u>Rui XU</u>	