# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4285803

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
XIAOLIANG DING	01/25/2017
XUE DONG	01/25/2017
HAISHENG WANG	01/25/2017
XIAOCHUAN CHEN	01/25/2017
YINGMING LIU	01/25/2017
WEI LIU	01/25/2017
WEIJIE ZHAO	01/25/2017
CHANGFENG LI	01/25/2017
PENGPENG WANG	01/25/2017
SHENGJI YANG	01/25/2017

### **RECEIVING PARTY DATA**

BOE TECHNOLOGY GROUP CO., LTD.
NO. 10 JIUXIANQIAO ROAD
CHAOYANG DISTRICT
BEIJING
CHINA
100015
BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
NO. 8 XIHUANZHONGLU
NO. 8 XIHUANZHONGLU BDA
BDA

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15504388

## **CORRESPONDENCE DATA**

**Fax Number:** (312)463-5001

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

504239126 REEL: 041339 FRAME: 0001

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

**Phone:** 3124635000

**Email:** bwptopat@bannerwitcoff.com, cmckern@bannerwitcoff.com

Correspondent Name: WILLIAM J. ALLEN

Address Line 1: TEN SOUTH WACKER DRIVE

Address Line 2: SUITE 3000

Address Line 4: CHICAGO, ILLINOIS 60606-7407

ATTORNEY DOCKET NUMBER:	008357.00501
NAME OF SUBMITTER:	WILLIAM J. ALLEN
SIGNATURE:	/William J. Allen/
DATE SIGNED:	02/22/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 20**

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Title of Invention	
As a below	named inventor, I hereby declare that:
This declar	V The attached application or
The above-i	dentified application was made or authorized to be made by me.
believe than the applic	t I am the original inventor or an original joint inventor of a claimed invention ation.
	tnowledge 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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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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### STATEMENTS

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LEGAL NAM	E OF INVENTOR	<i>A</i>	
Inventor:	Xiaoliang DIM	DOIS JAM 26 2011	
Signature:	Xiou Lians DIWA		
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Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	1 The Control of the
is directed	to: Fine attached application, or
T	United States application or PCT international application numberfiled on
i ne above-	identified application was made or authorized to be made by me.
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	knowledge 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) off.

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ł	EGAL NAME OF	INVENTOR	4	<b>^</b>
1	nventor:	Xue DONG	Date: JAh	26,201/
	Signature	XUL DONG	 	

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	The attached annication or
The above-	United States application or PCT international application number filed 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
	knowledge 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.

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	LEGAL NAME OF INVENTOR	Sept.	, ĵ
	Inventor Haisheng WANG	_ Date <i>[An</i>	25.74/
	Signature Halshens WALT		*
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Title of Invention	
As a below n	amed inventor, I hereby declare that:
This declarat	ion
is directed to	The attached application, or
The above-ide	United States application or PCT international application numberfiled onentified application was made or authorized to be made by me.
believe that I in the applicat	am the original inventor or an original joint inventor of a claimed invention ion.
	owledge that any willful false statement made in this declaration is derived the declaration is derived the declaration of the declaration is derived the declaration of the declaration is declaration in the declaration is declaration in the declaration of the declaration is declaration in the declaration in the declaration is declaration in the declaration in the declaration is declaration in the declaration is declaration in the declaration in the declaration in the declaration is declaration in the declaration in the declaration in the declaration is declaration in the de

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LEGAL NAME OF INVENTOR		1	. 1
Inventor Xiaochus	an CHEN	Date: Jan .	25.201/
Signature Xion Ch	han (117-4)		

Title of Invention		
As a below	named inventor, I hereby declare that:	
This decla	The attached application or	
The above-	United States application or PCT international application number filed on titled application 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.		
	knowledge 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	

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EGAL NAME OF INVENTOR	
nventor: Yingming LIU Date: Jan 25 201/	
ignature: Ying ming LIU	نبيبن

Title of Invention	
As a below named	inventor, I hereby declare that:
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LEGAL NAME O	F INVENTOR	<i>i</i>	
Inventor:	Wes Liu	Date an U.	20//
Signature	welszo	· ·	

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LEGAL NAME OF INVENT	DR
Inventor:	11:0 78/AO Date Jan 25, 20/
Signature:	2 J.C ZHB0

Secretarion	
Title of Invention	
As a below named	nventor, I hereby declare that:
This declaration	
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The above-identified	application was made or authorized to be made by me.
believe that I am the in the application.	e original inventor or an original joint inventor of a claimed invention
	e 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 (bereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jiuxiangino Rd., Chaoyang District, Buijing 100015, China, and BEUING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at No.8 Xilmanzhongh, BDA, Beijing 100176, China (each bereinafter 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/CN2016/093075 filed on 08/03/2016; which in turn claims priority to CN 201510666273.4 filed on 10/15/2015; 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;

1

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 tide 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		1		×	
Inventor:	Changfeng LI	Deste	Jan.	20.	20//	}
Signature:	chang tenj 17	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			***************************************	

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Title of Invention	
As a below	v named inventor, I hereby declare that:
This decla	ration
is directed	to: Fig. The attached application, or
	United States application or PCT international application
The above-	identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
	knowledge 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.

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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	4
Inventor:	Pengpeng WANG	Date <u>                                     </u>
Signature:	Peas Deas WAV17	~

Title of Invention	
As a below	named inventor, I hereby declare that:
This declar	W The attached application or
	United States application or PCT international application numberfiled on
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.	
	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			<b>.</b>	
Inventor:	Shengji YANG	Date: 141.2(*, 20	2//	
Signature	Shang 1' Y4619	<b>\</b>	1	

**PATENT** REEL: 041339 FRAME: 0022

RECORDED: 02/22/2017