# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3988746

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
YINGMING LIU	05/16/2016
XUE DONG	05/16/2016
HAISHENG WANG	05/16/2016
XIAOLIANG DING	05/16/2016
SHENGJI YANG	05/16/2016
WEIJIE ZHAO	05/16/2016
LIGUANG DENG	05/16/2016
HONGJUAN LIU	05/16/2016
CHANGFENG LI	05/16/2016
WEI LIU	05/16/2016
JING ZHAO	05/16/2016
JING PANG	05/16/2016

## **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:	100015
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:	15115337

## **CORRESPONDENCE DATA**

PATENT REEL: 039547 FRAME: 0921

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

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:** 312-463-5000

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

Correspondent Name: BANNER & WITCOFF, LTD.

Address Line 1: 10 SOUTH WACKER DRIVE

Address Line 2: SUITE 3000

Address Line 4: CHICAGO, ILLINOIS 60606-7407

ATTORNEY DOCKET NUMBER:	008357.00383
NAME OF SUBMITTER:	CHARLES L. MILLER
SIGNATURE:	/Charles L. Miller/
DATE SIGNED:	08/02/2016

#### **Total Attachments: 24**

source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif source=ExecutedAssignment#page3.tif source=ExecutedAssignment#page4.tif source=ExecutedAssignment#page5.tif source=ExecutedAssignment#page6.tif source=ExecutedAssignment#page7.tif source=ExecutedAssignment#page8.tif source=ExecutedAssignment#page9.tif source=ExecutedAssignment#page10.tif source=ExecutedAssignment#page11.tif source=ExecutedAssignment#page12.tif source=ExecutedAssignment#page13.tif source=ExecutedAssignment#page14.tif source=ExecutedAssignment#page15.tif source=ExecutedAssignment#page16.tif source=ExecutedAssignment#page17.tif source=ExecutedAssignment#page18.tif source=ExecutedAssignment#page19.tif source=ExecutedAssignment#page20.tif source=ExecutedAssignment#page21.tif source=ExecutedAssignment#page22.tif source=ExecutedAssignment#page23.tif source=ExecutedAssignment#page24.tif

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	The attached application, or
is directed The above-	to:  United States application or PCT international application  number PCT/CN2015/090551 filed on 09/24/2015.  Identified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby acl punishable years, or bo	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.

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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LEGAL NAME OF I	NVENTOR	
Inventor:	Yingming LIU	Date: May 16 20/6
Signature:	Yingmhy LIU	,

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	The attached application, or
	United States application or PCT international application number <u>PCT/CN2015/090551</u> filed on <u>09/24/2015</u> . identified application was made or authorized to be made by me.
l believe the in the appli	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby ac punishable years, or be	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 IN	VENTOR	
Inventor:	Xue DONG	Date: May \$6, 20/6
Signature:	The DONG	f.

Title of Invention			
As a below named	inventor, I hereby declare that:	Tallianes, in place estimate in the collina The collinate of the collinate of the	
This declaration is directed to:	☐ The attached application, or		
	United States application or PCT number <u>PCT/CN2015/090551</u> fil application was made or authorized t	led on <u>09/24/2015</u> .	:
I believe that I am the in the application.	ne original inventor or an original joint i	inventor of a claimed inventi	on
I hereby acknowled punishable under 1 years, or both.	ge that any willful false statement mad 3 U.S.C. 1001 by fine or imprisonment	de in this declaration is f of not more than five (5)	

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LEGAL NAME OF I	NVENTOR	
Inventor:	Haisheng WANG	Date: May 16.20/6
Signature:	Hatshang WANG	

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla ls directed The above-	The attached application, or
l believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby ac punishable years, or bo	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	
Inventor:	Xiaoliang DING	Date: May 16.20/6
Signature:	Xlaphony DING	/

Title of Invention	
As a below	v named inventor, I hereby declare that:
This declar	
is directed	to:
The above-	United States application or PCT international application number <u>PCT/CN2015/090551</u> filed on <u>09/24/2015</u> . identified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
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LEGAL NAME OF INVEN	TOR		
Inventor:	Shengji YANG	Date: My	16.2016
Signature:	Shengi YANG		

Title of Invention	
As a below name	inventor, I hereby declare that:
This declaration is directed to:	<sup>[-</sup> The attached application, or
The above-identific	United States application or PCT international application number _ PCT/CN2015/090551_filed on _09/24/2015 d application was made or authorized to be made by me.
I believe that I am in the application.	he original inventor or an original joint inventor of a claimed invention
I hereby acknowle punishable under years, or both.	lge that any willful false statement made in this declaration is 8 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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LEGAL NAME OF INV	ENTOR	
Inventor:	Weijie ZHAO	Date;
Signature:	Nagre ZHBO	The state of the s

Title of Invention
As a below named inventor, I hereby declare that:
This declaration  is directed to:  United States application or PCT international application number _ PCT/CN2015/090551 filed on _09/24/2015 .  The above-identified application was made or authorized to be made by me.
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LEGAL NAME OF	INVENTOR	
Inventor:	Liguang DENG	Date: May 16, 20/6
Signature:	Figura DENG	

Title of Invention		
As a below named i	nventor, I hereby declare that:	
This declaration		
is directed to:	The attached application, or	
The above-identified	☑ United States application or PCT internumber _ PCT/CN2015/090551 filed or application was made or authorized to be	n <u>09/24/2015</u> .
I believe that I am the in the application.	e original inventor or an original joint inver	ntor of a claimed invention
I hereby acknowledg punishable under 18 years, or both.	e that any willful false statement made in U.S.C. 1001 by fine or imprisonment of n	this declaration is ot 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 BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jinxiangiao 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 (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 above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to CN 201510349287.3 filed on 06/23/2015; which in turn claims priority to filed on ; 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;

١

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.

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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 1	NVENTOR	
Inventor:	Hongjuan LIU	Dale: May, 16.20/6
Signature:	Hunggian L2U	,

Title of Invention	
As a below name	ed inventor, I hereby declare that:
This declaration	
is directed to:	The attached application, or
	United States application or PCT international application number _ PCT/CN2015/090551_ filed on _09/24/2015
	fied application was made or authorized to be made by me.
	n the original inventor or an original joint inventor of a claimed invention
in the application	
l hereby acknowl punishable under years, or both.	edge that any willful false statement made in this declaration is r 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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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;

i

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		· · · · · · · · · · · · · · · · · · ·
LEGAL NAME OF I	VENTOR	
Inventor:	Changfeng LI	Date: / Way / 6 20/6
Signature:	Changfor LI	
_	77.]* 7	

Title of Invention		
As a below named	inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or	
The above-identified	United States application or PCT int number _ PCT/CN2015/090551_filed application was made or authorized to the property of th	l on <u>09/24/2015</u> .
I believe that I am the in the application.	ne original inventor or an original joint inv	entor of a claimed invention
I hereby acknowled punishable under 18 years, or both.	ge that any willful false statement made i 8 U.S.C. 1001 by fine or imprisonment of	in this declaration is not more than five (5)

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LEGAL NAME OF INVE	NTOR	
Inventor:	Wei LIU	Date: May, 16,20/6
Signature:	WeillU	,

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	The attached application or
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	United States application or PCT international application number <u>PCT/CN2015/090551</u> filed on <u>09/24/2015</u> . identified application was made or authorized to be made by me.
believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby ac punishable years, or bo	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	3		
Inventor:	Jing ZHAO	Date:	May, 16.20/1
Signature:	Jing 2/JAO		

Title of Invention	
As a below na	imed inventor, I hereby declare that:
This declarati is directed to: The above-ide	The attached application, or
f believe that I in the applicati	am the original inventor or an original joint inventor of a claimed invention on.
I hereby ackno punishable un years, or both	owledge that any willful false statement made in this declaration is der 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)

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LEGAL NAME OF INVENT	FOR		,
Inventor:	Jing PANG	Date:	Mary 16.20/6
Signature:	Jing PANG	· · · · · · · · · · · · · · · · · · ·	

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