PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3627591

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAISHENG WANG	11/16/2015
XUE DONG	11/16/2015
HAILIN XUE	11/16/2015
XI CHEN	11/16/2015
YINGMING LIU	11/16/2015
XIAOLIANG DING	11/16/2015
WEIJIE ZHAO	11/16/2015
SHENGJI YANG	11/16/2015
HONGJUAN LIU	11/16/2015
CHANGFENG LI	11/16/2015
WEI LIU	11/16/2015

RECEIVING PARTY DATA

BOE TECHNOLOGY GROUP CO., LTD.
NO. 10 JIUXIANQIAO ROAD
BEIJING
CHINA
100015
BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
NO.8 XIHUANZHONGLU
BDA
BEIJING
CHINA
100176

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14892419

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

503580963 REEL: 037151 FRAME: 0942

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

Phone: (312) 463-5000

Email: bwptopat@bannerwitcoff.com, bodom@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD.

Address Line 1: TEN SOUTH WACKER DR.

Address Line 2: SUITE 3000

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	008257.00289
NAME OF SUBMITTER:	BOBBI ODOM
SIGNATURE:	/Bobbi Odom/
DATE SIGNED:	11/23/2015

Total Attachments: 22

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	Y
Title of Invention	
As a below	v named inventor, I hereby declare that:
This decla	ration
is directed	to:
The above-	United States application or PCT international application number <u>PCT/CN2015/081640</u> filed on <u>06/17/2015</u> . identified application was made or authorized to be made by me.
I believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
	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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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

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;

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LEGAL NAME OF	NVENTOR	
Inventor:	Haisheng WANG	Date: NOV. 16, 2015
Signature:	Haicheng WANG	

Title of Invention	
As a below	v named inventor, I hereby declare that:
This decla	
is directed	to:
The above-	[™] United States application or PCT international application number <u>PCT/CN2015/081640</u> filed on <u>06/17/2015</u> . identified application was made or authorized to be made by me.
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LEGAL NAME O	FINVENTOR	
Inventor:	Xue DONG	Date: NoV . 16. > (5
Signature:	Xue DONG	

Title of Invention	
As a below	named inventor, I hereby declare that:
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is directed	to:
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LEGAL NAME OF	INVENTOR	,
Inventor:	Hailin XUE	Date: NOV.16, WIT
Signature;	Hailin XUE	

Title of Invention	
As a below name	l inventor, I hereby declare that:
This declaration	
ls directed to:	^{[**} The attached application, or
The above-identifie	United States application or PCT international application number PCT/CN2015/081640 filed on 06/17/2015 and application was made or authorized to be made by me.
I believe that I am t in the application.	he original inventor or an original joint inventor of a claimed invention
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LEGAL NAME O	FINVENTOR	
inventor:	Xi CHEN	Date: NOV, 16, 20 K
Signature:	XI CHEN	

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	
is directed	to:
The above-i	United States application or PCT international application number <u>PCT/CN2015/081640</u> filed on <u>06/17/2015</u> . identified application was made or authorized to be made by me.
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LEGAL NAME OF	INVENTOR	
Inventor;	Yingming LIU	Date: NOV 16, 29 K
Signature:	Ying ming LIV	

Title of Invention	
As a belov	v named inventor, I hereby declare that:
This decla	ration
is directed	to:
The above-	United States application or PCT international application number <u>PCT/CN2015/081640</u> filed on <u>06/17/2015</u> . Identified application was made or authorized to be made by me.
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LEGAL NAME OF	INVENTOR	
Inventor;	Xiaoliang DING	Date: 10V.16.201
Signature:	Xiao liang DING	

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	
is directed	to; The attached application, or
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LEGAL NA	AME OF INVENTOR	
Inventor:	Weijie ZHAO	Date: No V. 16,2015
Signature:	Weijie 2HAO	

Title of Invention	.*
As a below named inventor, I hereby declare that:	2
This declaration	
is directed to:	
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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 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 ______ 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:	Shengji YANG	Date:
Signature;	Shengji YAWti	

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	
is directed	to:
The above-	United States application or PCT international application number PCT/CN2015/081640 filed on 06/17/2015 . identified application was made or authorized to be made by me.
I believe tha In the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
	knowledge that any wiliful 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, 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 CN201510041311.7 filed on 01/27/2015; 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;

1

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LEGAL NAME OF	INVENTOR	
Inventor:	Hongjuan LIU	Date: NOV , 16 , NOT
Signature:	Hong fuan LIV	

Title of Invention	
As a below	named inventor, I hereby declare that:
This decla	
is directed	to:
The above-	United States application or PCT international application number PCT/CN2015/081640 filed on 06/17/2015. identified application was made or authorized to be made by me.
I believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention eation.
	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) with.

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LEGAL NAME OF	INVENTOR	
Inventor:	Changfeng Ll	Date: <u>//0 /</u> . / b , 2013
Signature:	Chang teng LI	,

Title of Invention				
As a below named inventor, I hereby declare that:				
This declar				
is directed	to:			
The above-i	United States application or PCT international application number <u>PCT/CN2015/081640</u> filed on <u>06/17/2015</u> . dentified 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.				
	thowledge 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 I	NVENTOR		
Inventor:	Wei LIU	 Date: NoV. (6,201)	
Signature:	WeiLIU		

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PATENT REEL: 037151 FRAME: 0965

RECORDED: 11/23/2015