505179823 11/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5226591

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PENGFEI CHENG	08/23/2018
LEI CHEN	08/23/2018
XUQING FENG	08/23/2018
FEI GAO	08/23/2018
XIN MA	08/23/2018
XUERONG WANG	08/23/2018
LU YU	08/23/2018
CHUAN SUN	08/23/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16099545

CORRESPONDENCE DATA

Fax Number: (516)365-9802

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: 516-365-9802

Email: wcollard@collardroe.com **Correspondent Name:** COLLARD & ROE, P.C.

Address Line 1: 1077 NORTHERN BOULEVARD

PATENT

505179823 REEL: 047438 FRAME: 0389

Address Line 4: ROS	Address Line 4: ROSLYN, NEW YORK 11576	
NAME OF SUBMITTER: WILLIAM C. COLLARD		
SIGNATURE:	/William C. Collard/	
DATE SIGNED: 11/07/2018		
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 16

source=EXECUTEDASSIGNMENTS#page1.tif source=EXECUTEDASSIGNMENTS#page2.tif source=EXECUTEDASSIGNMENTS#page3.tif source=EXECUTEDASSIGNMENTS#page4.tif source=EXECUTEDASSIGNMENTS#page5.tif source=EXECUTEDASSIGNMENTS#page6.tif source=EXECUTEDASSIGNMENTS#page7.tif source=EXECUTEDASSIGNMENTS#page8.tif source=EXECUTEDASSIGNMENTS#page9.tif source=EXECUTEDASSIGNMENTS#page10.tif source=EXECUTEDASSIGNMENTS#page11.tif source=EXECUTEDASSIGNMENTS#page12.tif source=EXECUTEDASSIGNMENTS#page13.tif source=EXECUTEDASSIGNMENTS#page14.tif source=EXECUTEDASSIGNMENTS#page15.tif source=EXECUTEDASSIGNMENTS#page16.tif

Title of Invention	
As a below	v named inventor, I hereby declare that:
This decla	ration
is directed	to:
***************************************	United States application or PCT international application number
The 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) oth.

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~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	······		 		******	********	*****	
	LEGAL NAM	E OFINVEN	TOR						
	Inventor Pen	igfei CHENG	x:	Date:	Aug. 2	23, 2	018		
	Signature:	Penafei	CHENG	 					

2

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LEGAL NAME OF INVENTOR		
inventor Lei CHEN	Oate: Aug. 23 , 2018	
Signature: Lei CHEN	1	

Title of Invention	
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This decla	DOM: A
is directed	to:
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LEGAL NAME OFINVENTOR	
inventor Xuging FENG	Date: Aug. 23, 2018
Signature: Xugint FENG	J

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•		***************************************
	LEGAL NAME OF INVENTOR	
	Inventor Fei GAO D	namo Aug. 23, 2018
	Sistemature: Fei GAO	J

Title of Invention			
As a below	As a below named inventor, I hereby declare that:		
This decla	ration		
is directed	to:		
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LEGAL NAME OF INVENTOR				***********
inventor <u>Xin MA</u>	Date:	Aug.	23.20/8	
 Signature: X6n MA		3		

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LEGAL NAME OF INVENTOR	
Inventor:Xuerong WANG Date Aug 23 20/8	
Signature: XIZZYON4 WAWC)	****

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LEGAL NAME OF INVENTOR	
Inventor Lu YU	Date: AUQ-23,20/8
Signature: Zu YU	J

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	United States application or PCT international application number
The above-	identified application was made or authorized to be made by me.
l believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention action.
l hereby act 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:

SELL, ASSIGN AND TRANSFER to BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at No.8 Xihuanzhonglu, BDA. Beijing 100176, P.R. China, and BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10 Jiuxiangiao 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 above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/076417 filed on 02/12/2018; which in turn claims priority to CN 201710559994.4 filed on 07/10/2017; 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;

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COVENANT, when requested and at the expense of the Assignee, to carry out in goodfaith 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 suchinventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to suchinventions and the history thereof; and generally do everything possible which the Assigneeshall 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>Collard & Ros.</u>

P.C. 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 executionshown 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 OFINVENTOR	
Inventor Chuan SUN	Date: Aug . 23. 2018
Signature: Otuan SUN	**************************************

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PATENT REEL: 047438 FRAME: 0406

RECORDED: 11/07/2018