505875633 01/22/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5922462

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
WENLIANG YAO		12/25/2019	
NAN ZHAO		12/25/2019	
HAOCHEN CUI		12/25/2019	
PEIZHI CAI		12/25/2019	
FENGCHUN PANG		12/25/2019	
YUE GENG		12/25/2019	
LE GU		12/25/2019	
YUELEI XIAO		12/25/2019	
HUI LIAO		12/25/2019	
YINGYING ZHAO		12/25/2019	
CHUNCHENG CHE		12/25/2019	

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.
Street Address:	NO.10 JIUXIANQIAO RD., CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015

PROPERTY NUMBERS Total: 1

	Property Type	Number
4	Application Number:	16632934

CORRESPONDENCE DATA

Fax Number:

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.

Enail:wcollard@collardroe.comCorrespondent Name:COLLARD & ROE, P.C.Address Line 1:1077 NORTHERN BOULEVARDAddress Line 4:ROSLYN, NEW YORK 11576ATTORNEY DOCKET NUMBER:YAO -4 ET AL PCTNAME OF SUBMITTER:WILLIAM COLLARDSIGNATURE:/William Collard/DATE SIGNED:01/22/2020This document serves as an Oath/Declaration (37 CFR 1.63).Total Attachments: 22source=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page3.tifsource=ExecutedDeclarationandAssignment#page5.tifsource=ExecutedDeclarationandAssignment#page5.tifsource=ExecutedDeclarationandAssignment#page6.tifsource=ExecutedDeclarationandAssignment#page7.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page6.tifsource=ExecutedDeclarationandAssignment#page7.tifsource=ExecutedDeclarationandAssignment#page7.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationandAssignment#page1.tifsource=ExecutedDeclarationand				
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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

التعاديا العايفان

As a below named inventor, I hereby declare that:

This declaration

is directed to: IF 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.

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.

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., having a place of business at No.8 Xihuanzhonglu, BDA, Beijing, 100176, Ltd. P.R.China, and _____BOE TECHNOLOGY GROUP CO., LTD. , having a place of business at No.10 Jiuxianqiao 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/CN2019/071016 filed on Jan.09,2019 ; 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;

REEL: 051664 FRAME:

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 INVENTOR	
Inventor: Wenliang YAO	Date: Dec., 25, 20/9
Signature: Warking YAO	,

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REEL: 051664 FRAM

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

As a below named inventor, I hereby declare that:

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United States application or PCT international application number______filed on ______ The above-identified application was made or authorized to be made by me.

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LEGAL NAME OF INVENTOR			•	-
Inventor: Nan ZHAO	Date;	Dec. 25.	2019	· · · · ·
Signature: Nam 2 HAD			· · ·	· ,·

2

<u>COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

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LEGAL NAME OF INVENTOR	
Inventor: Haochen CUI	Date: Dec. 25, 2019
Signature: Haschen CUI	- value, PEC. PS, PUIJ

2

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Date: Dec. 25, 201

PATENT REEL: 051664 FRAME: 0723

LEGAL NAME OF INVENTOR

Inventor: Peizhl CAL

Signature: Paizhi (A)

2

<u>COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

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REEL: 051664 FRAME: 0724

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LEGAL NA	ME OF INVENTOR				
Inventor:	Fengchun PANG		 Date:	Dec. 25, 2019	·
Signature:	Tengchun	PANG			

2

<u>COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

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LEGAL NAME OF INVENTOR

Inventor: __Yue GENG

Signature: Yes a cova

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2019

Date: Der . VS

<u>COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

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LEGAL NAME OF INVENTOR		
Inventor: Le GU	Date;	Dec. 25, 2019
signature: Le GU		· · · · · · · · · · · · · · · · · · ·

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<u>COMBINED DECLARATION (37 CFR 1,63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

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LEGAL NAME OF INVENTOR

Inventor: Yuelei XIAO

Date: Dec. 25.2019

Signature: Yublei X7AD

2

<u>COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

Title of Invention

As a below named inventor, I hereby declare that:

This declaration

is directed to:

The attached application, or

United States application or PCT international application number________filed on ______

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.

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.

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., _,having a place of business at No.8 Xihuanzhonglu, BDA, Beijing, 100176, Ltd. 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/CN2019/071016 filed on Jan.09,2019 ; 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 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 Assignce.

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.

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LEGAL NAME OF INVENT	DR .				
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Inventor: Hul LIAO		Date;	Dec. 25,	2011	
Signature: Huj LIAO		• •		/	
Signature: HW LING					

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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;

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yingying ZHAO</u>	Date: Dec. 25, 2019
Signature: Yingying 2HAO	
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PATENT

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<u>COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR</u> <u>DESIGN APPLICATION USING AN APPLICATION DATA SHEET</u> (37 CFR 1.76) AND ASSIGNMENT

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LEGAL NAME OF INVENTOR	
Inventor: Chuncheng CHE	Date: Dec. 25. 249
Signature: churching CHE	·

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RECORDED: 01/22/2020