505493991 05/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5540795

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE THIRD AND SEVENTH INVENTORS NAMES previously recorded on Reel 049042 Frame 0823. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
DEXIONG SONG	04/29/2019
ZHIYONG YANG	04/29/2019
KAIMIN WANG	04/29/2019
DONGPAN YAO	04/29/2019
GONG CHEN	04/29/2019
CHENGYILI	04/29/2019
GUANGJIE YANG	04/29/2019
JIMING ZHANG	04/29/2019
CAIHUA CHENG	04/29/2019
YU DU	04/29/2019
XUEMEI DENG	04/29/2019

RECEIVING PARTY DATA

Name:	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.	
Street Address:	NO. 1188 HEZUO RD., (WEST ZONE)	
Internal Address:	nternal Address: HI-TECH DEVELOPMENT ZONE	
City:	CHENGDU, SICHUAN PROVINCE	
State/Country:	CHINA	
Postal Code:	611731	
Name:	BOE TECHNOLOGY GROUP CO., LTD.	
Name: Street Address:	BOE TECHNOLOGY GROUP CO., LTD. NO. 10 JIUXIANQIAO RD.	
	·	
Street Address:	NO. 10 JIUXIANQIAO RD.	
Street Address: Internal Address:	NO. 10 JIUXIANQIAO RD. CHAOYANG DISTRICT	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16399231

CORRESPONDENCE DATA

Fax Number: (612)339-6580

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: 6123391863

Email: BGOULD@KINNEY.COM

Correspondent Name: ALAN M. KOENCK
Address Line 1: KINNEY & LANGE, P.A.

Address Line 2: 312 SOUTH THIRD STREET

Address Line 4: MINNEAPOLIS, MINNESOTA 55415

ATTORNEY DOCKET NUMBER:	B862.312-0697
NAME OF SUBMITTER:	ALAN M. KOENCK
SIGNATURE:	/Alan M. Koenck/
DATE SIGNED:	05/24/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 26

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

NATURE OF CONVEYANCE: ASSIGNMENT

ASSIGNMENT

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Postal Code:	611731	

Name:	BOE TECHNOLOGY GROUP CO., LTD.	
Street Address:	NO. 10 JIUXIANQIAO RD.	
Internal Address:	CHAOYANG DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100015	

PROPERTY NUMBERS Total: 1

31	Property Type	Number	
	on Number:	16399231	

PATENT REEL: 049286 FRAME: 0456/2019, 3:30 PM

CORRESPONDENCE DATA

Fax Number: (612)339-6580 **Phone:** 6123391863

Email: BGOULD@KINNEY.COM

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if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: ERIK A. WRIGHT
Address Line 1: KINNEY & LANGE, P.A.
Address Line 2: 312 SOUTH THIRD STREET

Address Line 4: MINNEAPOLIS, MINNESOTA 55415

ATTORNEY DOCKET NUMBER:	B862.312-0697
NAME OF SUBMITTER:	ERIK WRIGHT
Signature:	/Erik Wright/
Date:	04/30/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 22

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RECEIPT INFORMATION

EPAS ID: PAT5500217 **Receipt Date:** 04/30/2019

PATENT

REEL: 049286 FRAME: 0457/2019, 3:30 PM

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME		
As a below named inventor, I hereby declare that:			
This declaration			
is directed	to:		
	United States application or PCT international application numberfiled 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 Chengdu BOE Optoelectronics Technology Co., Ltd. , having a place of business at No.1188 Hezuo Rd., (West Zone), Hi-tech Development Zone, Chengdu, Sichuan, 611731, P.R.China , and TECHNOLOGY GROUP CO., LTD. , having a place of business at____ 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 aboveidentified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to CN201811083899.2 filed on Sep.17,2018; 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 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>Kinney & Lange</u> 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: Dexiong SONG	Date: Apr 29 2019
Signature: Dexing SONG	•

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to:
The above-i	United States application or PCT international application numberfiled ondentified application was made or authorized to be made by me.
I believe tha in the applic	it! am the original inventor or an original joint inventor of a claimed invention ation.
I hereby ack punishable i years, or bo	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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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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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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LEGAL NAME OF INVENTOR		
Inventor: Zhiyong YANG	Date:	
Signature: Zki yora YANG	APT . 29.	20/9

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to:
The above-i	United States application or PCT international application numberfiled ondentified application was made or authorized to be made by me.
I believe tha in the applic	it! am the original inventor or an original joint inventor of a claimed invention ation.
I hereby ack punishable i years, or bo	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	
Inventor: Kaimin WANG	Date: Apr. 29, 2019
Signature: Kajmin WANG	1

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
As a below	named inventor, I hereby declare that:
This decla	ration
is directed	to: The attached application, or
The above-	United States application or PCT international application numberfiled onidentified application was made or authorized to be made by me.
I believe thain 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) th.

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LEGAL NAME OF INVENTOR			Λ.)Ö	
Inventor: Dongpan YAO	Date:	April	27.	1/10	Asserted Chapter of Mary
Signature: Dont Dan TAO			<u>u</u>		

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to:
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LEGAL NAME OF INVENTOR	
Inventor: Gong CHEN	Date: APY, 29, 2019.
Signature GONG CHT-N	

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to:
The above-i	United States application or PCT international application numberfiled ondentified application was made or authorized to be made by me.
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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	
Inventor: Chengyi LI	Date: Apr , 29 . 2019
Signature: Chengyi LI	W

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
As a below	named inventor, I hereby declare that:
This declar	ration
is directed	to:
The above-i	United States application or PCT international application numberfiled ondentified application was made or authorized to be made by me.
I believe tha in the applic	it! am the original inventor or an original joint inventor of a claimed invention ation.
I hereby ack punishable i years, or bo	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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Inventor: Guangile YANG Date: Apr. 29 · 2017	
Signature: Grougice YANK	

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME					
As a below	named inventor, I hereby declare that:					
This declar	ration					
is directed to:						
	United States application or PCT international application numberfiled on					
The above-identified application was made or authorized to be made by me.						
I believe tha in the applic	It I am the original inventor or an original joint inventor of a claimed invention ation.					
I hereby ack punishable i 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) th.					

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LEGAL NAME OF INVENTOR	No series pròs
Inventor: Jiming ZHANG	Date: 13 DY 27 20/9
Signature: Timonia 7 HANG	

Title of Invention	DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME					
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LEGAL NAME OF INVENTOR					
ELOCAL WINE OF MIVENOR				· 76.	
Inventor: Calbus CHENG	ex. c.	Anv	79. U	519	
Inventor: Caihua CHENG	_ Date:_	. 11.1			
and the collection			1		
Signature: Cocount 174 2 MG					

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LEGAL NAME OF INVENTOR	
Inventor: Yu DU	Date: APF. 29 -2019.
Signature: Yu DU	

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This declar	ration					
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LEGAL NAME OF INVENTOR						
Inventor: Xuemei DENG	A	PΥ.	29	JU10]	
Signature: Xuemer DEN 5						

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