### 504417403 06/16/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4464103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUEYUAN ZHANG	04/07/2017
SHANCAI ZHANG	04/07/2017
YIFEI ZHAN	04/07/2017
CHENGCHENG HOU	04/07/2017
KUN LI	04/07/2017
GUANGLEI YANG	04/07/2017
ZHAOBO JIANG	04/07/2017
DAYU ZHANG	04/07/2017

#### **RECEIVING PARTY DATA**

Name:	BOE TECHNOLOGY GROUP CO., LTD.
Street Address:	NO. 10, JIUXIANQIAO ROAD
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100015
Name:	HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	XINZHAN INDUSTRIAL PARK, HEFEI
City:	ANHUI
State/Country:	CHINA
Postal Code:	230012

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15527456

#### **CORRESPONDENCE DATA**

**Fax Number:** (216)241-0816

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:** 216-622-8674

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PATENT REEL: 042732 FRAME: 0976

Correspondent Name: KENNETH J. SMITH

Address Line 1: CALFEE, HALTER & GRISWOLD LLP

Address Line 2: THE CALFEE BUILDING, 1405 EAST SIXTH ST.

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	31411/04362
NAME OF SUBMITTER:	KENNETH J. SMITH
SIGNATURE:	/ken smith/
DATE SIGNED:	06/16/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

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**Total Attachments: 16** 

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Title of Invention	TEST DEVICE FOR PRINTED CIRCUIT BOARD ASSEMBLY		
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The above-	United States application or PCT international application numberfiled onidentified 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.			
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LEGAL NAME OF	INVĚNTOR	in the state of th
Inventor:	Yueyuan ZHANG	Date: AV . ( To)
Signature:	Yuedum 211 ANG	

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LEGAL NA	ME OF INVENTOR	
Inventor:	Shancai ZHANG	Date: 1877.7.20[7
Signature	Shanai 211 ANG	1

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LEGAL NAV	E OF INVENTOR	
Inventor:	Yifei ZHAN	Date: Apr. 7. 2017
Signature: _	Yifei ZIAN	1 ' /

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LEGAL NAME OF	NVENTOR		
Inventor:	Chengcheng HOU	Date:	GP1 1, 201/
Signature:	Chengthong Hou		

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LEGAL NAME OF	INVENTOR	
Inventor:	Kun Ll	Date: apr ] dol]
Signature:	Kern Ld	

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Inventor:	Guanglei YANG	Date: BW. I. Jul
Signature:	Guand lei Yearth	

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LEGAL NAME OF	INVENTOR	7 3-23
Inventor:	Zhaobo JIANG	Date: / Ny
Signature:	Zlaubo]MNG	
L.		

Title of Invention	TEST DEVICE FOR PRINTED CIRCUIT BOARD ASSEMBLY		
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 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 BOE TECHNOLOGY GROUP CO., LTD., having a place of business at No.10, Jiuxianqiao Road, Chaoyang District, Beijing 100015, P. R. China and HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at Xinzhan Industrial Park, Hefei, Anhui 230012, 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/CN2016/102571 filed on October 19, 2016; which in turn claims priority to CN 201510696115.3 filed on October 23, 2015; 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 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>CALFEE</u>, <u>HALTER & GRISWOLD LLP</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 I	NVENTOR	, we A
Inventor:	Dayu ZHANG	Date: Am. 1. der
Signature:	DWH ZHANG	