#### 505226130 12/07/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5272899

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
CHIHJEN CHENG	11/10/2018	
XIAOLIANG DING	11/10/2018	
PENGPENG WANG	11/10/2018	
XUEYOU CAO	11/10/2018	
YUZHEN GUO	11/10/2018	

#### **RECEIVING PARTY DATA**

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**

Property Type	Number	
Application Number:	16206144	

#### **CORRESPONDENCE DATA**

**Fax Number:** (617)342-4001

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:** 6173424000

**Email:** kquebec@foley.com, ipdocketing@foley.com

Correspondent Name: MENG H. PUA

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Address Line 2: 111 HUNTINGTON AVENUE, SUITE 2500 Address Line 4: BOSTON, MASSACHUSETTS 02199

ATTORNEY DOCKET NUMBER:	038873-1237(IEE180241-US)
NAME OF SUBMITTER:	KAYLA M. QUEBEC
SIGNATURE:	/Kayla M. Quebec/
DATE SIGNED:	12/07/2018

PATENT 505226130 REEL: 047750 FRAME: 0010

# Total Attachments: 10 source=2018-12-07\_IEE180241-US\_Assignment#page1.tif source=2018-12-07\_IEE180241-US\_Assignment#page2.tif source=2018-12-07\_IEE180241-US\_Assignment#page3.tif source=2018-12-07\_IEE180241-US\_Assignment#page4.tif source=2018-12-07\_IEE180241-US\_Assignment#page5.tif source=2018-12-07\_IEE180241-US\_Assignment#page6.tif source=2018-12-07\_IEE180241-US\_Assignment#page7.tif source=2018-12-07\_IEE180241-US\_Assignment#page8.tif source=2018-12-07\_IEE180241-US\_Assignment#page9.tif source=2018-12-07\_IEE180241-US\_Assignment#page9.tif source=2018-12-07\_IEE180241-US\_Assignment#page9.tif

## COMBINED DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L76) AND ASSIGNMENT

Title of Invention	SENSE CIRCUIT FOR PIEZORESISTIVE SENSOR, CIRCUIT INCLUDING ARRAY OF PIEZORESISTIVE SENSORS, AND OPERATION METHOD THEREOF			
As a below	named inventor, I hereby declare that:			
This declar	The attached application or			
believe than the application the application the below the the application to the below the belo	dentified application was made or authorized to be made by me.  It I am the original inventor or an original joint inventor of a claimed inventior ation.  It is a claimed inventior at a claimed in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5)			

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 P.R. China (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 CN201810301783.5 filed on Apr.04,2018 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;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be

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.

#### **FOLEY & LARDNER LLP**

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: ChihJen CHENG	Oale: <i>NOV . 10 , 20[ §</i>	
Signature Children CHENG	8	

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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	SENSE CIRCUIT FOR PIEZORESISTIVE SENSOR, CIRCUIT INCLUDING ARRAY OF PIEZORESISTIVE SENSORS, AND OPERATION METHOD THEREOF		
As a below	named inventor, I hereby declare that:		
This declar	ration		
is directed	to: ☑ The attached application, or		
	United States application or PCT international application number		
The above-i	dentified 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 ation.		
	cknowledge 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.		

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	liuxiangiao Rd., Chaoyang District,
Beijing ,100015, P.R. China	(hereinafter referred to as
"ASSIGNEE"), the entire right, title and interest countries in and to any and all inventions which	for the United States and all foreign are disclosed in the above-identified
application for United States Letters Patent, undersigned concurrently herewith, which claims	priority to <u>CN201810301783.5</u>
filed on <u>Apr.04,2018</u> ; such applications and renewal, reissue and all other applications for pater	nt which have been or shall be filed in
the United States and all foreign countries on any reissued patents which have been or shall be issue	d in the United States and all foreign
countries on such inventions; and specifically applications under the provisions of any convention 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;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be

1

COVENANT, when requested and at the expense of the Assignce, 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.

#### **FOLEY & LARDNER LLP**

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 NA	ME OF INVENTOR	-81		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Inventor:	Xiaoliang DING		NOV.	10,	20/8	***************************************	د در
Signature:	46 5 JAY 510 MAR 1 510	588					5

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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	SENSE CIRCUIT FOR PIEZORESISTIVE SENSOR, CIRCUIT INCLUDING ARRAY OF PIEZORESISTIVE SENSORS, AND OPERATION METHOD THEREOF
As a below	named inventor, I hereby declare that:
This decla	TV The attached application or
I believe the in the applic	identified application was made or authorized to be made by me. at I am the original inventor or an original joint inventor of a claimed invention ation.
	cknowledge that any willful faise statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.

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 <u>BOE Technology Group Co., Ltd.</u>, having a place of business at <u>No.10 Jiuxianqiao Rd., Chaovang District, Beijing .100015, P.R. China</u> (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 <u>CN201810301783.5</u> filed on <u>Apr.04.2018</u>; 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;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be

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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.

#### **FOLEY & LARDNER LLP**

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.

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#### STATEMENTS

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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 NA	ME OF INVENTOR	*
	Pengpeng WANG	Date: NOV. 10, 2015
Signature:	Panagena WAVG	

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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	SENSE CIRCUIT FOR PIEZORESISTIVE SENSOR, CIRCUIT INCLUDING ARRAY OF PIEZORESISTIVE SENSORS, AND OPERATION METHOD THEREOF		
As a belov	v named inventor, I hereby declare that:		
This decla	ration		
is directed	to:  ☑ The attached application, or		
	United States application or PCT international application number		
The above-	identified application was made or authorized to be made by me.		
believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.		
	cknowledge 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	BOE Technology Group Co., Ltd.
_ ,having a place of business at <u>No.10</u>	Jiuxiangiao Rd., Chaoyang District,
Beijing 100015, P.R. China	(hereinafter referred to as
"ASSIGNEE"), the entire right, title and interest countries in and to any and all inventions which	t for the United States and all foreign are disclosed in the above-identified
application for United States Letters Patent, undersigned concurrently herewith, which claims	
filed on <u>Apr.04,2018</u> ; such applications and renewal, reissue and all other applications for pate	I all divisional, continuing, substitute, ant which have been or shall be filed in
the United States and all foreign countries on an reissued patents which have been or shall be issue	ed in the United States and all foreign
countries on such inventions; and specifically applications under the provisions of any convent	
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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LEGAL NAME OF INVENTOR		
Inventor: Xueyou CAO	Date: <u>1/0v</u> 10 , 2	018
Signisture: Yue 4 pu (AI)		

# 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	SENSE CIRCUIT FOR PIEZORESISTIVE SENSOR, CIRCUIT INCLUDING ARRAY OF PIEZORESISTIVE SENSORS, AND OPERATION METHOD THEREOF		
As a belov	named inventor, I hereby declare that:		
This decla	ration		
is directed	s directed to:  교 The attached application, or		
	United States application or PCT international application number		
The above-	identified application was made or authorized to be made by me.		
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention ation.		
	cknowledge 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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SELL, ASSIGN AND TRANSFER	to <u>BOE Te</u>	chnology Group Co., Ltd.
,having a place of business at		
Beijing ,100015, P.R. China		(hereinafter referred to as
"ASSIGNEE"), the entire right, title and		
countries in and to any and all invention	s which are discl	osed in the above-identified
application for United States Letters	Patent, which h	ias been executed by the
undersigned concurrently herewith, which	h claims priority	to CN201810301783.5
filed on Apr.04,2018; such applicat	ions and all divis	ional, 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	es 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 spec	cifically including	g the right to file foreign
applications under the provisions of any		
on such application in the United States;		10
£.*		

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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#### **FOLEY & LARDNER LLP**

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LEGAL NAME OF INVENTOR	
Inventor: Yuzhen GUO	Date: 1/0/, 10, 2018
Signature: Yizzhen (11) ()	

2

**PATENT** REEL: 047750 FRAME: 0021

**RECORDED: 12/07/2018**