506059960 05/14/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6106674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
QINGWEN FAN	04/30/2020
YUKUN SUN	04/30/2020
BIN ZHAO	04/30/2020
JINGHUA MIAO	04/30/2020
XI LI	04/30/2020
LILI CHEN	04/30/2020
HAO ZHANG	04/30/2020
JINBAO PENG	04/30/2020
XUEFENG WANG	04/30/2020
JIANWEN SUO	04/30/2020
WENYU LI	04/30/2020
ZHIFU LI	04/30/2020
SHUO ZHANG	04/30/2020
HUIDONG HE	04/30/2020

#### **RECEIVING PARTY DATA**

BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
NO.8 XIHUANZHONGLU, BDA
BEIJING
CHINA
100176
BOE TECHNOLOGY GROUP CO., LTD.
NO. 10 JIUXIANQIAO RD., CHAOYANG DISTRICT
NO. 10 JIUXIANQIAO RD., CHAOYANG DISTRICT BEIJING
·

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

Property Type	Number
Application Number:	16764101

#### **CORRESPONDENCE DATA**

**Fax Number:** (571)395-8573

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:** 7038273800

Email: patentmail@whda.com

Correspondent Name: WESTERMAN HATTORI DANIELS & ADRIAN LLP

**Address Line 1:** 8500 LEESBURG PIKE SUITE 7500

Address Line 4: TYSONSVA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P200400US00
NAME OF SUBMITTER:	YOLIDIA A. PASOS
SIGNATURE:	/YOLIDIA A. PASOS/
DATE SIGNED:	05/14/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 28**

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Title of Invention	IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND DISPLAY APPARATUS
As a belov	/ 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 number filed on 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.
hereby ac punishable years, or b	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/CN2019/125108 filed on Dec.13,2019; which in turn claims priority to filed on Jan.02,2019; such applications and all divisional. CN201910002444.1 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;

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.

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#### **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: Oingwen FAN	Date: Aby. 30, 2020
Signature: Qinawen FAN	}

	IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND DISPLAY APPARATUS
As a below	named inventor, I hereby declare that:
This decla	ration
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.
believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby ac punishable years, or br	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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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

3

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#### **STATEMENTS**

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

LEGAL NAME OF INVENTOR	
Inventor: Yukun SUN	Date: APY 29 2020
signature: Yu Kun SUV	,

	MAGE PROCESSING METHO IISPLAY APPARATUS	OD, IMAGE PROCESSING APPARATUS	AND
As a below	named inventor, I hereby decl	lare that:	
This declar	ition		
is directed t	o: F The attached app	olication, or	
		plication or PCT International application filed on	
The above-id	entified application was made	e or authorized to be made by me.	
believe that n the applic		an original joint inventor of a claimed inver	ntion
	nder 18 U.S.C. 1001 by fine o	e statement made in this declaration is or imprisonment of not more than five (5)	

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ŝ

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#### **STATEMENTS**

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

	***************************************
LEGAL NAME OF INVENTOR	
	_
Inventor: Bin ZHAO	Date: Apr .30 ,2020
Signature: Bin 2HAO	

797133	IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND DISPLAY APPARATUS
As a below	v named inventor, I hereby declare that:
This decla	ration
is directed	to: F 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.
believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.
	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 NAME OF INVENTOR	4 22
Inventor:	Date: Ayr, 30, 2020
Signature: Laghua M140	

	IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND DISPLAY APPARATUS
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 number filed on 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 cation.
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I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

LEGAL NAME OF INVENTOR	A
Inventor: Xi LI	Date: Apr. 30, 2020
Signature: Xi LI	

	PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND Y APPARATUS
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-identifie	d application was made or authorized to be made by me.
believe that I am t in the application.	he original inventor or an original joint inventor of a claimed invention
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<del></del>	
LEGAL NAME OF INVENTOR	,
Inventor: Lili CHEN	Date: <u>Apr. 40, 2020</u>
Signature: Lili CHEN	,

S MARKEL SK. S.	AGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND IPLAY APPARATUS
As a below na	med inventor, I hereby declare that:
This declaration	on
is directed to:	The attached application, or
	United States application or PCT international application numberfiled on
The above-ider	ntified application was made or authorized to be made by me.
believe that I in the application	am the original inventor or an original joint inventor of a claimed invention on.
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**************************************	***************************************
LEGAL NAME OF INVENTOR	A 3 550
Inventor: <u>Hao ZHANG</u>	Date: A77.30,2020
Signature: H002HbNB	,

Title of Invention	IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND DISPLAY APPARATUS
As a belo	w named inventor, I hereby declare that:
This decl	aration
is directe	d to:   The attached application, or
The above	United States application or PCT international application numberfiled on
	nat I am the original inventor or an original joint inventor of a claimed invention
l hereby a punishable years, or b	cknowledge that any willful false statement made in this declaration is a under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) 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., 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 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/CN2019/125108 filed on Dec.13,2019; which in turn claims priority to filed on Jan.02,2019; such applications and all divisional, CN201910002444.1 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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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: Xuefeng WANG	Date: Apr. 30, >020
Signatura: Xuefang WANG	,
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LEGAL NAME OF INVENTOR	X
Inventor:lianwen SUO	Date: 10.30.20
signature: Tionwen Suo	,

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LEGAL NAME OF INVENTOR	
Inventor: Wenyu LI	Date: Apr. 30, 2010
Mento. violga L	
Signature: VVMVV LI	

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:	LEGAL NAME OF INVEN	TOR	á a
	Inventor: Zhifu LI		
	Signature: 2 hit V	L	

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	LEGAL NAME OF INVENTOR				
	Inventor: Shuo ZHANG	Date:_	Apr	,30.2020	
	Singstyre Shan 211 ANG				_

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#### Docket No. X1806259B1-P200400US00

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;

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	LEGAL NAME OF INVENTOR	1 - 7 A 9 0 TO
	Inventor: Huidong HE	Date: Ay. 30.2020
	Signature: Hui day HE	

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