

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7655359

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FEI GAO	03/09/2020
XUERONG WANG	03/09/2020
LINGYUN SHI	03/09/2020
LU YU	03/09/2020
LEI CHEN	03/09/2020
JUNJIE MA	03/09/2020
XUQING FENG	03/09/2020
PENGFEI CHENG	03/09/2020
XIN MA	03/09/2020
YUANDA LU	03/09/2020
HAIXU LI	03/09/2020

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
Application Number:	16647644

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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.

PATENT

Phone: 2483584400
Email: blucarelli@brookskushman.com
Correspondent Name: BROOKS KUSHMAN P.C
Address Line 1: 1000 TOWN CENTER, TWENTY-SECOND FLOOR
Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER: BOED1147PUSA

NAME OF SUBMITTER: MICHAEL S. BRODBINE

SIGNATURE: /Michael S. Brodbine/

DATE SIGNED: 11/21/2022

Total Attachments: 22

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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	FLOATING TOUCH CAMERA MODULE, ELECTRONIC DEVICE AND TOUCH METHOD
As a below named inventor, I hereby declare that:	
This declaration	
is directed to:	<input checked="" type="checkbox"/> The attached application, or
	<input type="checkbox"/> * United States application or PCT international application number <u>16/647,644</u> filed on <u>March 16, 2020</u>
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., 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/CN2019/079220 filed on Mar.22,2019; which in turn claims priority to CN201810252967.7 filed on Mar.26,2018; 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;

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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;

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LEGAL NAME OF INVENTOR	
Inventor: <u>Lei CHEN</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Lei CHEN</u>	

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LEGAL NAME OF INVENTOR	
Inventor: Pengfei CHENG	Date: March, 09, 2020
Signature: Pengfei CHENG	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xuqing FENG</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Xuqing FENG</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Fei GAO</u>	Date: <u>Mar. 09.2020</u>
Signature: <u>Fei Gao</u>	

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Inventor: <u>Haixu LI</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Haixu LI</u>	

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Inventor: <u>Yuanda LU</u>	Date: <u>Mar. 09. 2020</u>
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(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	FLOATING TOUCH CAMERA MODULE, ELECTRONIC DEVICE AND TOUCH METHOD
As a below named inventor, I hereby declare that:	
This declaration	
is directed to:	<input checked="" type="checkbox"/> The attached application, or
	<input checked="" type="checkbox"/> United States application or PCT international application number <u>16/647,644</u> filed on <u>March 16, 2020</u>
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., 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/CN2019/079220 filed on Mar.22,2019; which in turn claims priority to CN201810252967.7 filed on Mar.26,2018; 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 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;

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 Brooks Kushman P.C. 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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LEGAL NAME OF INVENTOR	
Inventor: <u>Junjie MA</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Junjie MA</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xin MA</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Xin MA</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Lingyun SHI</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Lingyun SHI</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xuerong WANG</u>	Date: <u>Mar. 09. 2020</u>
Signature: <u>Xuerong WANG</u>	

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Inventor: <u>Lu YU</u>	Date: <u>March . 09 . 2020</u>
Signature: <u>Lu YU</u>	