

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6210120

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIANG XIONG	07/13/2020
YULI DAI	06/08/2020
YUANHONG PENG	06/08/2020
BIN WAN	06/05/2020
YA ZENG	06/18/2020
CHAO LIU	06/18/2020
XIONGZHOU WEI	06/05/2020

RECEIVING PARTY DATA

Name:	CHONGQING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	NO.7 YUNHAN RD., SHUITU HI-TECH INDUSTRIAL ZONE, BEIBEI DISTRICT,
City:	CHONGQING
State/Country:	CHINA
Postal Code:	400714
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:	16962962

CORRESPONDENCE DATA

Fax Number: (703)683-8396

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: 7035486284

Email: hjohnson@nathlaw.com

Correspondent Name: NATH, GOLDBERG & MEYER

Address Line 1: 112 S WEST STREET

PATENT

Address Line 2: 38192U_JBG_HJ
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 38192U

NAME OF SUBMITTER: JOSHUA B. GOLDBERG

SIGNATURE: /Joshua B. Goldberg/

DATE SIGNED: 07/21/2020

Total Attachments: 21

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source=EmployeeNon-disclosureAgreementQiangXIONGOriginal#page1.tif
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VERIFICATION OF TRANSLATION

I, Sheng WANG, 10th Floor, Tower D, Minsheng Financial Center, 28 Jianguomennei Avenue, Dongcheng District, Beijing 100005, China, hereby declare that I am conversant in the Chinese and the English languages and that I am the translator of the document attached and certify that to the best of my knowledge and belief the following is a true and correct English translation of the Employee Non-disclosure Agreement signed between Qiang XIONG and Chongqing BOE Optoelectronics Technology Co., Ltd.

Sheng WANG

Signed by Sheng WANG

Date: July 13, 2020

Employee Non-disclosure Agreement

Employer: Chongqing BOE Optoelectronics Technology Co., Ltd. (Hereafter referred as Employer)

Employee: Qiang XIONG (Hereafter referred as Employee)

This agreement is supportive agreement to the labor contract and is applicable to all personnel conducting internship and working visits and personnel in probationary period and employed personnel in BOE. During the employment in BOE, the Employee might have chances to engage in or grasp related confidential materials of the Employer when the Employee engages in various work in BOE and participate in various activities of the Employer. In order to maintain the interests of both parties, the following contract on non-disclosure issues is signed:

1. Both the Employer and the Employee shall abide by related laws of intellectual property, the use of unauthorized software or material is prohibited and both sides shall abide by various agreements signed by the two parties.
2. During employment in BOE or after leaving the position (including transfer, resignation, dismiss and duties suspension etc.), the Employee shall not copy or retain any confidential materials without authorization, shall not disclose the contents to any third party, and shall not assist the third party to acquire the contents of confidential materials.
3. The Employee shall do all his/her best to work for the Employer and shall not damage the Employer's interests in direct or indirect manners. The patents and copyrights of results of any research, invention, creation, design reform and production of the Employee during employment belong to the Employer.
4. During employment in BOE, the Employee shall never take any materials of possible infringement from any other places to the Employer and shall never use these software or materials internally. If any software or material protected by intellectual property right is needed in work, they shall be acquired by the Employer and delivered to the Employee for use. If the Employee breaches this agreement and uses software or materials without authorization, which infringes on rights of others, it will be totally individual behavior of the Employee and has nothing to do with the Employer. The Employee shall take full responsibilities and all legal and economic liabilities.
5. The Employee shall be fully aware of the importance of keeping related materials confidential for the Employer and disclosure of any confidential materials will cause serious loss to the Employer. Both parties are willing to implement this agreement and any party which breaches this agreement and causes loss for the other party shall pay full compensations and take all legal and economic obligations.
6. This contract is in duplicate and each of the parties shall retain one original. This contract shall come into force as from the date when both parties sign. The two copies have the same legal effect.

员工任职保密协议书

甲方：重庆京东方光电科技有限公司（以下简称甲方）

乙方：熊强（以下简称乙方）

本协议为劳动合同之配套协议，适用于全体在甲方公司实习、工作访问、试用和正式聘用的人员。乙方在任职于甲方单位期间，因乙方在甲方从事的各项工作和参加甲方的各项活动，即会接触或掌握甲方的有关机密资料，为了维护甲、乙双方的利益，就有关保密事项共同签订协议如下：

- 一、 甲、乙双方都要共同遵守知识产权的有关法律，禁止使用未经授权的软件或资料，并共同遵守双方签定的各项协议。
- 二、 乙方在甲方任职期间或离开职务（含调离、离职、辞退和停职等），绝对不私自复制或保留与机密有关的任何资料，不将知悉的内容对任何第三者泄露，也不协助第三者获悉该机密资料的内容。
- 三、 乙方愿全心全意尽力为甲方工作，绝不以直接或间接的方法损害甲方的利益。乙方任职期间所做的任何研究、发明、创作、设计改良和生产等结果均属甲方所有，由此而获得的专利权和著作权等也完全归甲方所有。
- 四、 乙方在甲方工作期间，绝不私自从甲方以外的任何地方将任何有侵犯可能的资料携入甲方，亦不在甲方内部擅自使用这些软件或资料。若在工作中所需使用受知识产权保护的软件或资料应由甲方取得后交付乙方使用。如违反协议，乙方私自使用软件或资料而侵犯他人权利，完全属于乙方个人行为，与甲方无关。乙方愿意负全部责任，并承担由此产生的一切法律上和经济上的责任。
- 五、 乙方充分认识有关资料的保密对甲方的重要性，任何泄露有关机密资料的行为，都将造成甲方重大的损失。甲、乙双方都愿按协议执行，因违反此协议而给对方造成的损失，违约方愿全部赔偿，并承担违约所造成的经济上和法律上的责任。
- 六、 此协议一式两份，甲乙双方各执一份，双方签字后生效，具有同等法律效力。

附录：《商业秘密保护主要法规索引》

甲方（盖章）

乙方（签字）：熊强

法定代表人或

授权代表（签字）王同

日期： 年 月 日

日期：2014年4月1日

PATENT

REEL: 053263 FRAME: 0462

实用专利或设计专利申请宣誓或声明的替代声明 (35 U.S.C. 115(d) 和 37 CFR 1.64)
SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

发明名称
Title of Invention
DISPLAY SUBSTRATE, MANUFACTURING METHOD THEREOF, DISPLAY PANEL AND MASK PLATE

本声明指：
This statement is directed to:
 随附的申请。
The attached application,
或者
OR
 美国申请号码或 PCT 国际申请号码 _____ 备案于 _____
United States application or PCT international application number PCT/CN2010/119710 filed on November 20, 2010

本替代声明适用的发明人依法登记的姓名：
LEGAL NAME of inventor to whom this substitute statement applies: Qiang XIONG
(例如：姓氏和名字)
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Qiang XIONG

居住地 (除已故或依法丧失行为能力的发明人)；
Residence (except for a deceased or legally incapacitated inventor):

城市 City	州/省 State	国家/地区 Country
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邮寄地址 (除已故或依法丧失行为能力的发明人)；
Mailing Address (except for deceased or legally incapacitated inventor):

城市 City	州/省 State	国家/地区 Country
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本人相信，以上署名的发明人或联合发明人是该申请中所主张发明的原发明人或原联合发明人。
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.
上述申请由本人提交或授权提交。
The above-identified application was made or authorized to be made by me.
本人兹此承认，此陈述中若有任何故意的虚假陈述，本人将根据 18 U.S.C. 1001 的规定被处以罚款或五 (5) 年以下有期徒刑，或者两者并施。
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

与本替代声明适用的发明人之间的关系：
Relationship to the inventor to whom this substitute statement applies:

- 法定代理人 (仅适用于已故或依法丧失行为能力的发明人)，
Legal Representative (for deceased or legally incapacitated inventor only),
- 受让人，
Assignee,
- 发明人有义务指定的人，
Person to whom the inventor is under an obligation to assign,
表明有足够专利权益的人 (要求根据 37 CFR 1.46 呈请)，
- Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or
- 联合发明人。
Joint inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

替代声明
SUBSTITUTE STATEMENT

下列情况允许执行此替代声明:

Circumstances permitting execution of this substitute statement

- 发明人已故。
Inventor is deceased.
- 发明人依法无行为能力。
Inventor is under legal incapacity.
- 尽管人努力仍无法找到或联系到发明人。
Inventor cannot be found or reached after diligent effort, or
- 发明人已拒绝根据 37 CFR 1.63 执行宣誓或声明。
Inventor has refused to execute the oath or declaration under 37 CFR 1.63

若存在联合发明人, 请勾选下列相应方框:

If there are joint inventors, please check the appropriate box below:

- 已提交或正在提交包含整个发明实体命名的 37 CFR 1.76 申请信息表 (PTO/AIA/14 或同等信息表)。
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.
- 或者
OR
- 未提交 37 CFR 1.76 申请信息表 (PTO/AIA/14 或同等信息表), 因此, 随附了命名整个发明实体并包含发明人信息的替代声明补充表 (PTO/AIA/11 或同等表格)。参见 37 CFR 1.64(b)。
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

警告:
WARNING:

是请人/申请人所小心避免在专利申请中各案的文件中提交个人信息, 这有可能会造成身份偷窃。USPTO 从不要求为支持是请或申请而提供社保号码, 银行账号或信用卡号码等个人信息 (除非是用于付款目的确实或信用卡授权表 PTO-2038)。如果在提交给 USPTO 的文件中有此类个人信息, 是请人/申请人应考虑到在向 USPTO 提交文件之前编辑此个人信息, 告知知是请人/申请人, 在公布申请 (除非根据 37 CFR 1.213(a) 的规定在申请中提出不予公布的要求) 或颁发专利之后, 专利申请记录将公之于众。而且, 如果在公布的申请或颁发的专利中引用了该申请, 那么已存用的申请记录将公之于众 (见 37 CFR 1.14)。为付款目的而提交的支票和信用卡授权表 PTO-2038 不会保留在申请文件中, 因此不会向公众公布。

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify them. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

此替代声明的执行人:

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

姓名: **Xinguo LI** 日期 (选项):
Name: Date (Optional):

签名: *Xinguo LI*
Signature:

居住地 (除非已在申请信息表 PTO/AIA/14 或同等信息表中填写):
Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

城市: **Beijing** 州/省: 国家/地区: **CN**
City: State: Country:

邮寄地址 (除非已在申请信息表 PTO/AIA/14 或同等信息表中填写):
Mailing Address (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

城市: **Beijing** 州/省: 国家/地区: **CN**
City: State: Country:

注意: 对于每位已故、依法丧失行为能力、尽管人努力仍无法找到或联系到的, 或已拒绝根据 37 CFR 1.63 执行宣誓或声明的发明人, 均需使用 PTO/AIA/02 表格。

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

隐私法案声明

1974 年隐私法案 (P.L. 93-579) 规定，应向您提供某些信息，这些信息涉及您提交与专利申请或专利相关的附属表格。因此根据本法的要求，兹告知：(1) 根据 35 U.S.C. 2(b)(2) 授予收集这些信息的一般授权；(2) 自愿提供所请求的信息；及 (3) 美国专利与商标局使用这些信息的主要目的是处理及/或审查与专利申请或专利相关的提交材料。如果您不提供所需的信息，美国专利与商标局可能无法处理及/或审查您的提交材料，从而导致申请程序终止或放弃申请或专利到期。

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6. 在常规使用中，出于国家安全审查 (35 U.S.C. 181) 和根据原子能法案 (42 U.S.C. 218(c)) 进行审查的目的，本记录系统中的某条记录可能会向另一个联邦机构披露。
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8. 在常规使用中，根据 35 U.S.C. 122(b) 公布专利申请之后或根据 35 U.S.C. 151 的规定签发专利之后，可能向公众披露本记录系统中的某条记录。而且在常规使用中，如果在某项申请中备案的记录被弃用，或申请流程被终止，而且某份已公布的申请，某份供公众检查的申请或已签发的专利引用了该申请，那么可能会向公众披露某条记录，但受到 37 CFR 1.14 的限制。
9. 在常规使用中，如果 USPTO 意识到会违反或可能违反法律或规定，则可能会向联邦、州或当地执法部门披露本记录系统中的某条记录。

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实用专利或设计专利申请宣誓或声明的替代声明 (35 U.S.C. 115(d) 和 37 CFR 1.64)
SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

发明名称 Title of Invention	DISPLAY SUBSTRATE, MANUFACTURING METHOD THEREOF, DISPLAY PANEL AND MASK PLATE	
本声明指: This statement is directed to: <input type="checkbox"/> 随附的申请, The attached application, 或者 OR <input checked="" type="checkbox"/> 美国申请号码或 PCT 国际申请号码 _____ 备案于 _____。 United States application or PCT international application number PCT/CN2019/119710 filed on November 29, 2019		
本替代声明适用的发明人依法登记的姓名: LEGAL NAME of inventor to whom this substitute statement applies: Qiang XIONG (例如: 姓氏和名字) (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Qiang XIONG		
居住地 (除已故或依法丧失行为能力的发明人): Residence (except for a deceased or legally incapacitated inventor):		
城市 City	州/省 State	国家/地区 Country
邮寄地址 (除已故或依法丧失行为能力的发明人): Mailing Address (except for deceased or legally incapacitated inventor):		
城市 City	州/省 State	国家/地区 Country
本人相信, 以上署名的发明人或联合发明人是该申请中所主张发明的原发明人或原联合发明人。 I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. 上述申请由本人提交或授权提交。 The above-identified application was made or authorized to be made by me. 本人兹此承认, 此陈述中若有任何故意的虚假陈述, 本人将根据 18 U.S.C. 1001 的规定被处以罚款或五 (5) 年以下有期徒刑, 或者两者并施。 I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
与本替代声明适用的发明人之间的关系: Relationship to the inventor to whom this substitute statement applies: <input type="checkbox"/> 法定代理人 (仅适用于已故或依法丧失行为能力的发明人), Legal Representative (for deceased or legally incapacitated inventor only), <input type="checkbox"/> 受让人, Assignee, <input checked="" type="checkbox"/> 发明人有义务指定的人, Person to whom the inventor is under an obligation to assign, 表明有足够专利权益的人 (要求根据 37 CFR 1.46 呈请), <input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or <input type="checkbox"/> 联合发明人, Joint Inventor.		

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

替代声明
SUBSTITUTE STATEMENT

下列情况允许执行此替代声明:

Circumstances permitting execution of this substitute statement:

- 发明人已故,
Inventor is deceased.
- 发明人依法无行为能力,
Inventor is under legal incapacity.
- 尽管最大努力仍无法找到或联系到发明人,
Inventor cannot be found or reached after diligent effort, or
- 发明人已拒绝根据 37 CFR 1.63 执行宣誓或声明。
Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

若存在联合发明人, 请勾选下列相应方框:

If there are joint inventors, please check the appropriate box below:

- 已提交或正在提交包含整个发明实体命名的 37 CFR 1.76 申请信息表 (PTO/AIA/14 或同等信息表)。
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

或者
OR

- 未提交 37 CFR 1.76 申请信息表 (PTO/AIA/14 或同等信息表), 因此, 随附了命名整个发明实体并包含发明人信息的替代声明补充表 (PTO/AIA/11 或同等表格)。参见 37 CFR 1.64(b)。
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

警告:
WARNING:

呈请人/申请人应小心避免在专利申请中各案的文件中提交个人信息, 这有可能会造成身份盗窃。USPTO 从不要求为支持呈请或申请而提供社保号码、银行账号或信用卡号码等个人信息 (除非是用于付款目的的支票或信用卡授权表 PTO-2038)。如果在提交给 USPTO 的文件中有此类个人信息, 呈请人/申请人应当考虑在向 USPTO 提交文件之前编辑此类个人信息。告知呈请人/申请人, 在公布申请 (除非根据 37 CFR 1.213(a) 的规定在申请中提出不予公布的要求) 或签发专利之后, 专利申请记录将公之于众。而且, 如果在公布的申请或签发的专利中引用了该申请, 那么已弃用的申请记录也会公之于众 (见 37 CFR 1.14)。为付款目的而提交的支票和信用卡授权表 PTO-2038 不会保留在申请文件中, 因此不会向公众公布。

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent; (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

此替代声明的执行人:

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

姓名: Inchul CHOI
Name:日期 (选填): Jun. 17, 2020
Date (Optional):签名: Inchul Choi
Signature:居住地 (除非已在申请信息表 PTO/AIA/14 或同等信息表中填写):
Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):城市 Chongqing
City州/省
State国家/地区 CN
Country邮寄地址 (除非已在申请信息表 PTO/AIA/14 或同等信息表中填写)
Mailing Address (unless provided in an application data sheet, PTO/AIA/14 or equivalent):城市 Chongqing
City州/省
State国家/地区 CN
Country

注意: 对于每位已故、依法丧失行为能力、尽管最大努力仍无法找到或联系到的, 或已拒绝根据 37 CFR 1.63 执行宣誓或声明的发明人, 均需用 PTO/AIA/02 表格。

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

[第 2 页, 共 2 页]

[Page 2 of 2]

隐私法案声明

1974 年隐私法案 (P.L. 93-579) 规定, 应向您提供某些信息, 这些信息涉及您提交与专利申请或专利相关的附属表格。因此根据本法案的要求, 兹告知: (1) 根据 35 U.S.C. 2(b)(2) 授予收集这些信息的一般授权; (2) 自愿提供所请求的信息; 及 (3) 美国专利与商标局使用这些信息的主要目的是处理及/或审查与专利申请或专利相关的提交材料。如果您不提供所需的信息, 美国专利与商标局可能无法处理及/或审查您的提交材料, 从而导致申请程序终止或放弃申请或专利到期。

您在本表格中提供的信息将进行以下的常规使用:

1. 本表格中的信息将根据信息自由法案 (5 U.S.C. 552) 及隐私法案 (5 U.S.C. 552a) 的规定进行保密处理。本记录系统中的记录可能会披露给司法部, 以确定信息自由法案是否要求披露这些记录。
2. 在常规使用中, 如在向法庭、地方法官或行政法庭呈交证据时, 可能会披露本记录系统中的某条记录, 包括在和解协商过程中向对方律师披露。
3. 在常规使用中, 如果某位国会议员提出了一项请求并且该请求涉及与本记录系统中的记录有关的个人, 而这个人曾经就该条记录的主题向该国会议员请求帮助, 那么这条记录可能向该国会议员披露。
4. 在常规使用中, 如果本机构的某位承包商为履行合约而需要获得信息时, 那么本记录系统中的某条记录可能会向该承包商披露。信息接收者应遵守 1974 年隐私法案 (已根据 5 U.S.C. 552a(m) 的规定进行了修订) 的要求。
5. 在常规使用中, 根据专利合作条约的规定, 本记录系统中根据专利合作条约备案的某份国际申请的记录可能会向世界知识产权组织国际局披露。
6. 在常规使用中, 出于国家安全审查 (35 U.S.C. 181) 和根据原子能法案 (42 U.S.C. 218(c)) 进行审查的目的, 本记录系统中的某条记录可能会向另一个联邦机构披露。
7. 在常规使用中, 当总务管理局 (GSA) 根据 44 U.S.C. 2904 和 2906 的授权, 为履行其对记录管理实践和程序提出改善建议之部分责任, 在对记录进行检查的过程中, 本记录系统中的某条记录可能会向总务管理局的局长或其指定人员披露。此种披露应根据与此目的相关的 GSA 记录检查规定及任何其他相关 (如 GSA 或商务部) 指令来进行。此种披露不得用于对个人做出判定。
8. 在常规使用中, 根据 35 U.S.C. 122(b) 公布专利申请之后或根据 35 U.S.C. 151 的规定签发专利之后, 可能向公众披露本记录系统中的某条记录。而且在常规使用中, 如果在某项申请中备案的记录被弃用, 或申请流程被终止, 而且某份已公布的申请、某份供公众检查的申请或已签发的专利引用了该申请, 那么可能会向公众披露某条记录, 但受到 37 CFR 1.14 的限制。
9. 在常规使用中, 如果 USPTO 意识到会违反或可能违反法律或规定, 则可能会向联邦、州或当地执法部门披露本记录系统中的某条记录。

**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	
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/> The attached application, or</p> <p style="padding-left: 100px;"><input type="checkbox"/> United States application or PCT international application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p>	

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 Chongqing BOE Optoelectronics Technology Co., Ltd., having a place of business at No.7 Yunhan Rd., Shuitu Hi-tech Industrial Zone, Beibei District, Chongqing, 400714, 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/CN2019/119710 filed on Nov.20,2019; which in turn claims priority to CN201910067728.9 filed on Jan.24,2019; 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 Nath. Goldberg & Meyer 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: <u>Yuli DAI</u>	Date: <u>JUN. 8. 2020</u>
Signature: <u>Yuli DAI</u>	

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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;

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.

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yuanhong PENG</u>	Date: <u>JUN. 8. 2020</u>
Signature: <u>Yuanhong PENG</u>	

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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;

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	
Inventor: <u>Bin WAN</u>	Date: <u>Jun. 5, 2020</u>
Signature: <u>Bin WAN</u>	

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	
Inventor: <u>Ya ZENG</u>	Date: <u>Jun. 18, 2020</u>
Signature: <u>Ya ZENG</u>	

**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	
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 _____ filed 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 Chongqing BOE Optoelectronics Technology Co., Ltd., having a place of business at No.7 Yunhan Rd., Shuitu Hi-tech Industrial Zone, Beibei District, Chongqing, 400714, 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/CN2019/119710 filed on Nov.20,2019; which in turn claims priority to CN201910067728.9 filed on Jan.24,2019; 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 Nath. Goldberg & Meyer 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: <u>Chao LIU</u>	Date: <u>Jun. 18, 2020</u>
Signature: <u>Chao Liu</u>	

**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	
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/> The attached application, or</p> <p style="padding-left: 100px;"><input type="checkbox"/> United States application or PCT international application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p>	

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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;

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;

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiongzhou WEI</u>	Date: <u>Jun 5, 2020</u>
Signature: <u>Xiongzhou WEI</u>	