505324439 02/12/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5371220

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name        | Execution Date |
|-------------|----------------|
| YUE HU      | 10/25/2017     |
| LIFANG SONG | 10/25/2017     |
| XINXIN WANG | 10/25/2017     |
| KAIXU       | 10/25/2017     |
| LEI HUANG   | 10/25/2017     |
| ZHIJIE YE   | 10/25/2017     |
| XIANG WAN   | 10/25/2017     |

### **RECEIVING PARTY DATA**

| Name:                    | BOE TECHNOLOGY GROUP CO., LTD.   |
|--------------------------|--|
| Street Address:          | NO.10 JIUXIANQIAO RD., CHAOYANG DISTRICT   |
| City:                    | BEIJING  |
| State/Country:           | CHINA  |
| Postal Code:             | 100015   |
|                          |  |
| Name:                    | HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD.                                |
| Name:<br>Street Address: | HEFEI XINSHENG OPTOELECTRONICS TECHNOLOGY CO., LTD. XINZHAN INDUSTRIAL PARK, ANHUI |
|                          | ,  |
| Street Address:          | XINZHAN INDUSTRIAL PARK, ANHUI   |

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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15576627 |

#### CORRESPONDENCE DATA

Fax Number:

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.

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**Address Line 1:** 900 SECOND AVENUE SOUTH, STE. 1400

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505324439 REEL: 048305 FRAME: 0212

PATENT

| B200.0555US1                            |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| JUDSON K. CHAMPLIN                      |  |  |  |  |  |  |  |
| /Judson K. Champlin/                    |  |  |  |  |  |  |  |
| 02/12/2019                              |  |  |  |  |  |  |  |
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|                              | ORGANIC LIGHT-EMITTING DEVICE, PRODUCTION METHOD<br>THEREOF, AND DISPLAY APPARATUS   |
|------------------------------|--|
| As a below n                 | amed inventor, I hereby declare that:  |
| This declarat is directed to | ☑The attached application, or  |
| The above-id                 | lentified application was made or authorized to be made by me.   |
| I believe that application.  | I am the original inventor or an original joint inventor of a claimed invention in the   |
|                              | nowledge that any willful false statement made in this declaration is punishable 5.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 Jiuxiangiao Rd., 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 (hereafter 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/CN2017/084295 filed on May 15, 2017; which in turn claims priority to CN201610605390.4 filed on July 27, 2016; 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;

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>Westman</u>. Champlin & Koehler, P.A. 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                 |   |
|------------------|--------------------------|---|
|                  | ***********              |   |
|                  | и                        |   |
| Inventor: Yue HI | Date: <u>(7</u> 1-71-70) |   |
|                  |                          |   |
| Signature: YAL   | 1418                     |   |
| n verfettier     |                          | • |

|                             | ORGANIC LIGHT-EMITTING DEVICE, PRODUCTION METHOD<br>THEREOF, AND DISPLAY APPARATUS   |
|-----------------------------|--|
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| This declaratis directed to | ⊠The attached application, or  |
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| LEGAL NAME OF IN          | ENTOR                 |  |
|---------------------------|-----------------------|--|
| Inventor: <u>Lei HUA?</u> | Date: 5 0 (4. X - 30) | <u>)                                    </u> |
| Signature: <u>Leī H</u> V |                       | <i></i>                                      |

|                             | ORGANIC LIGHT-EMITTING DEVICE, PRODUCTION METHOD<br>THEREOF, AND DISPLAY APPARATUS   |
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|       |            | •         |     | •  |     |     |    | ۰ | `                                      | •  | •  | `   |         |     | Ť       |     | *        | •  |   | `` | •  |        |         | ~   | ~   | ~       |     | •   | •   | •   |     |      |    | •      | •   | ~        | ~   | •   | ~   |     | *    |     | ••   |          |     |   |    |     |   |   |    |     |   |     | •  |     | •   |     | ~   | ~   | _        | **       | <b>×</b> .    | ٠.  |     | <u>د</u>     | ۵.       | ٠.       |     | **      | 2            | ٠.       | ı        |    |    | •   |  |
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| I -                         | ORGANIC LIGHT-EMITTING DEVICE, PRODUCTION METHOD<br>THEREOF, AND DISPLAY APPARATUS   |
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| As a below n                | amed inventor, I hereby declare that:  |
| This declaratis directed to | The attached application or  |
| The above-id                | entified application was made or authorized to be made by me.  |
| I believe that application. | I am the original inventor or an original joint inventor of a claimed invention in the   |
|                             | nowledge that any willful false statement made in this declaration is punishable 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 Jiuxiangiao Rd., 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 (hereafter 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/CN2017/084295 filed on May 15, 2017; which in turn claims priority to CN201610605390.4 filed on July 27, 2016; 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;

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>Westman</u>, <u>Champlin & Koehler, P.A.</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.

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| LEGAL NAME OF IN    | ENTOR |       |
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| Inventor: Xinxin WA |       | Oate: |
| Signature: YeX/     | WANG  |       |

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