

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4865088

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| ZHIHUI ZENG | 02/04/2018 |
| GUANGQUAN WANG | 02/04/2018 |
| HAIWEI SUN | 02/04/2018 |
| JIAN SANG | 02/04/2018 |
| ZHIYONG CHEN | 02/04/2018 |
| ENKAI DONG | 02/04/2018 |
| YEZHOU TAN | 02/04/2018 |
| JUNJIE XIE | 02/04/2018 |
| YUN QIAO | 02/04/2018 |
| WEI GONG | 02/04/2018 |

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 |
| Name: | BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. |
| Street Address: | NO.8 XIHUANZHONGLU |
| Internal Address: | BDA |
| City: | BEIJING |
| State/Country: | CHINA |
| Postal Code: | 100176 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15759623 |

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

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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: JAMES F. EWING
Address Line 1: FOLEY & LARDNER LLP
Address Line 2: 111 HUNTINGTON AVENUE, SUITE 2500
Address Line 4: BOSTON, MASSACHUSETTS 02199

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| ATTORNEY DOCKET NUMBER: | 038873-1141(IEE170064PUS) |
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|---------------------------|-----------------|
| NAME OF SUBMITTER: | KAYLA M. QUEBEC |
|---------------------------|-----------------|

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|-------------------|-------------------|
| SIGNATURE: | /Kayla M. Quebec/ |
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| DATE SIGNED: | 03/14/2018 |
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Total Attachments: 20

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Docket No. XI603080B1 -IEE170064PUS

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

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| Title of Invention | MOBILE TERMINAL TOUCH CONTROL DISPLAY STRUCTURE AND MANUFACTURING METHOD THEREOF, MOBILE TERMINAL |
| As a below named inventor, I hereby declare that: | |
| This declaration | |
| is directed to: | <input type="checkbox"/> The attached application, or |
| | <input checked="" type="checkbox"/> United States application or PCT international application number <u>15/759,623</u> filed on <u>March 13, 2018</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 BOE TECHNOLOGY GROUP CO., LTD., having a place of business at NO.10 JIUXIANQIAO RD., CHAOYANG DISTRICT, BEIJING, 100015, P.R. CHINA and BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD., having a place of business at NO.8 XIHUANZHONGLU, BDA, BEIJING, 100176, 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/CN2017/102769 filed on Sep. 21, 2017; which in turn claims priority to 201710100544.9 filed on Feb. 23, 2017; 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;

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Docket No. X1603080B1 - IEE170064PUS

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.

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STATEMENTS

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| | |
|-------------------------------|---------------------------|
| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Zhihui ZENG</u> | Date: <u>Feb. 4, 2018</u> |
| Signature: <u>Zhihui ZENG</u> | |

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Docket No. X1603080B1 -IEE170064PUS

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| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Guangquan WANG</u> | Date: <u>Feb. 4, 2018</u> |
| Signature: <u>Guangquan WANG</u> | |

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| | |
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| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Haiwei SUN</u> | Date: <u>Feb. 4. 2018</u> |
| Signature: <u>Haiwei SUN</u> | |

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| | |
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| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Jian SANG</u> | Date: <u>Feb. 4, 2018</u> |
| Signature: <u>Jian SANG</u> | |

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| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Zhiyong CHEN</u> | Date: <u>Feb. 4. 2018</u> |
| Signature: <u>Zhiyong CHEN</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;

Docket No. X1603080B1 -IEE170064PUS

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.

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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: <u>Enkai DONG</u> | Date: <u>Feb. 4, 2018</u> |
| Signature: <u>Enkai DONG</u> | |

Docket No. X1603080B1 -IEE170064PUS

**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 | MOBILE TERMINAL TOUCH CONTROL DISPLAY STRUCTURE AND MANUFACTURING METHOD THEREOF, MOBILE TERMINAL |
| As a below named inventor, I hereby declare that: | |
| This declaration | |
| is directed to: | <input type="checkbox"/> The attached application, or |
| | <input checked="" type="checkbox"/> United States application or PCT international application number <u>15/759,623</u> filed on <u>March 13, 2018</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. | |

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Docket No. XI603080B1 -IEE170064PUS

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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>Yezhou TAN</u> | Date: <u>Feb. 4, 2018</u> |
| Signature: <u>Yezhou TAN</u> | |

Docket No. X1603080B1 -JEE170064PUS

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| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Junjie XIE</u> | Date: <u>Feb. 4, 2018</u> |
| Signature: <u>Junjie XIE</u> | |

Docket No. X1603080B1 -JEE170064PUS

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| | |
|----------------------------|---------------------------|
| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Yun QIAO</u> | Date: <u>Feb. 4. 2018</u> |
| Signature: <u>Yun QIAO</u> | |

Docket No. X1603080B1 -IEE170064PUS

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| | |
|----------------------------|---------------------------|
| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Wej GONG</u> | Date: <u>Feb. 6. 2018</u> |
| Signature: <u>Wej GONG</u> | |