PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2630851

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| NA LI | 11/25/2013 |
| JOOHYEON LEE | 11/25/2013 |
| PILSEOK KIM | 11/25/2013 |

RECEIVING PARTY DATA

| Name: | BOE TECHNOLOGY GROUP CO., LTD. |
|-----------------|--|
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| City: | BEIJING |
| State/Country: | CHINA |
| Postal Code: | 100015 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14091587 |

CORRESPONDENCE DATA

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|-------------------------|--------------------------|
| NAME OF SUBMITTER: | RONALD R. SANTUCCI |
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| Date: | 11/27/2013 PATFNT |

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DP \$40.00 14091587

| | This document serves as an Oath/Declaration (37 CFR 1.63). |
|--|--|
| Total Attachments: 2 source=01365935#page1.tif source=01365935#page2.tif | |

PATENT REEL: 031684 FRAME: 0659 930103-2021 (FI-132124-02US)

COMBINATION OF DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION AND INVENTION/PATENT APPLICATION ASSIGNMENT FROM INVENTOR(S) TO COMPANY

WHEREAS WE, Na LI, Joohyeon LEE and Pilseok KIM, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: "GRAPHENE DERIVATIVES, TRANSPARENT CONDUCTIVE FILMS, ORGANIC ELECTROLUMINESCENT DEVICES, METHODS OF PREPARING THE GRAPHENE DERIVATIVES AND METHODS OF PREPARING ANODE LAYERS OF THE DEVICES", executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

which was filed with the U.S. Patent and Trademark Office on application serial number ;

and assigned

WHEREAS, WE as joint inventors of this application hereby declare that WE have made or were authorized to make the above referenced application and that WE believe that WE are the original joint inventors of a claimed invention in this application and WE 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.

AND WHEREAS, BOE TECHNOLOGY GROUP CO., LTD., a corporation of China and having an address of No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, China, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any formal applications therefore, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, WE hereby agree with the said assignee that WE will not execute any writing or do any act whatsoever conflicting with these presents, and that WE will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignees' enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

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AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date Nov. 25, 2013

Date Nov. 25, 2013

Signature (Na LI)

Signature (Joohyeon LEE)

Signature (Pilseok KIM)

Priseok KIM

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