504708755 12/29/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4755477

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

#### **CONVEYING PARTY DATA**

| Name        | Execution Date |
|-------------|----------------|
| KI HYUN KIM | 10/24/2017     |

#### **RECEIVING PARTY DATA**

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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15740714 |

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| ATTORNEY DOCKET NUMBER:               | TTORNEY DOCKET NUMBER: 6655-0579PUS1 |  |
|---------------------------------------|--------------------------------------|--|
| NAME OF SUBMITTER: THUY-KIM T. NGUYEN |                                      |  |
| SIGNATURE: /Thuy-Kim T. Nguyen/       |                                      |  |
| DATE SIGNED:                          | 12/28/2017                           |  |

### **Total Attachments: 2**

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PATENT 504708755 REEL: 044507 FRAME: 0577

#### ATTORNEY DOCKET NO.

6655-0579PUS1

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

# **ASSIGNMENT**

| Application No.                           | 15/740,714  | Filed _   | December 28, 2017  |  |
|---|---|---|--|--|
| Insert Name(s) of Inventor(s)             | *** (Given Name FAMILY NAME (ALL CAPS))***  |   |  |  |
|   | WHEREAS, Kim, Ki Hyun is<br>certain new and useful improver   |   | s the undersigned) has (have) invented   |  |
| Insert Title<br>of Invention              | LIGHT-EMITTING ELEMENT<br>COMPRISING SAME   | PACKAGE AND LIC   | HT-EMITTING ELEMENT MODULE   |  |
|   | for which an application for Letter<br>undersigned (except in the case of a   |   | tates of America has been executed by the  |  |
| Insert Date<br>of Signing of              | onOctober 24, 201   | 7   | ; and  |  |
| Application<br>Insert Name<br>of Assignee |   |   |  |  |
| Insert Address<br>of Assignee             | of 28, Hunm-ro, Jung-gu, Seoul  | , 04637 Republic of Ko  | orea   |  |
| CHECK BOX                                 |   | st, title and interest in and   | ereinafter designated as the Assignee) is<br>I to said invention and in and to any Letters<br>America and  |  |
| n anagari                                 | paid, the receipt of which is here<br>undersigned has (have) sold, assig<br>transfer unto said Assignee the ful<br>America, its territories, dependenci-<br>and all Letters Patent(s) which may | by acknowledged, and or<br>gned and transferred, and<br>Il and exclusive right to<br>es and possessions and the<br>y be granted therefor in t | Pollars (\$10.00) to the undersigned in hand other good and valuable consideration, the d by these presents does sell, assign and the said invention in the United States of e entire right, title and interest in and to any he United States of America, its territories, nated, in any and all foreign countries; |  |
|   | and to any and all divisions, reissue   |   | ions and extensions thereof for the full term  |  |

**REEL: 044507 FRAME: 0578** 

Attorney Docket No. 6655-0579PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignce and to vost all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignce of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2017. 10.24 Name of Inventor 25 12 (signature) Kim, Ki Hyun

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**RECORDED: 12/29/2017** 

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