## PATENT ASSIGNMENT

**Electronic Version v1.1**

**Stylesheet Version v1.1**

### SUBMISSION TYPE:
- NEW ASSIGNMENT

### NATURE OF CONVEYANCE:
- ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heegu PARK</td>
<td>09/29/2011</td>
</tr>
<tr>
<td>Taehoon KiM</td>
<td>09/29/2011</td>
</tr>
<tr>
<td>Junwan BANG</td>
<td>12/20/2011</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name:</th>
<th>LG Electronics Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>20, Yeouido-dong, Yeongdeungpo-gu,</td>
</tr>
<tr>
<td>City:</td>
<td>Seoul</td>
</tr>
<tr>
<td>State/Country:</td>
<td>REPUBLIC OF KOREA</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>150-721</td>
</tr>
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### PROPERTY NUMBERS Total: 1

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tr>
<td>Application Number</td>
<td>13340209</td>
</tr>
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</table>

### CORRESPONDENCE DATA

- **Fax Number:** (703)766-3644
- **Email:** assigned@ked-iplaw.com
- **Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.**
- **Correspondent Name:** KED & ASSOCIATES, LLP
- **Address Line 1:** P.O. Box 8638
- **Address Line 4:** Reston, VIRGINIA 20195

### ATTORNEY DOCKET NUMBER:
- K-1238

### NAME OF SUBMITTER:
- Paul H. Kang

Total Attachments: 2

source=K-1238Assignment#page1.tif
source=K-1238Assignment#page2.tif
ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Hee Gu PARK
(2) Taehoon KIM
(3) Jiwon BANG

who have made certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.,

20, Yeonido-dong, Yeongdeungpo-gu,

Seoul, Republic of Korea 150-721

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention uderlined

LIGHTING SYSTEM AND METHOD FOR CONTROLLING THE SAME

(a) for which an application for United States Letters Patent was filed on, and identified by United States Serial No.; or

(b) for which an application for United States Letters Patent was executed on

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereon and any and all extensions, divisions, reissues, substitutions, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereon, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of recert in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention, and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grant to the firm of KED & ASSOCIATES, LLP the power to inspect on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

SIGNED on the dates indicated aside our signatures:

INVENTORS

1) Name: Hee Gu PARK
   Date Signed: 2011. 9. 29

2) Name: Taehoon KIM

3) Name: Jiwon BANG

4)

5)

6)
ASSIGNMENT

In consideration of the promises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) Heepu PARK
2) Taeheun KIM
3) Jisuwon BANG

who have made certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.
20, Yeounido-dong, Yeongdeungpo-gu, Seoul, Republic of Korea 150-721

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 101 in the invention entitled

LIGHTING SYSTEM AND METHOD FOR CONTROLLING THE SAME

(2) for which an application for United States Letters Patent was filed on and identified by United States Serial No. ; or

(3) for which an application for United States Letters Patent was executed on

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereon and any and all extensions, divisions, reissues, substitutions, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereon, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest in ASSIGNEE, its successors, assigns and legal representatives, the undersigned agree that the issuance of record in said application shall hereinafter be on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissue or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further compensation, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grants the firm of ELD & ASSOCIATES, LLP the power to issue or assign this assignment and further identification of any further identification that may be necessary or desirable in order to comply with the rules of any relevant authority, including the United States Patent and Trademark Office, for recordation of this document.

SIGNED on the dates indicated with our signatures:

INVENTORS

1) Name: Heepu PARK

2) Name: Taeheun KIM

3) Name: Jisuwon BANG

4) Name:

5) Name:

6) Name:

DATE SIGNED

20 / DEC / 2011