

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kyunghyun KIM</td> <td>10/11/2011</td> </tr> <tr> <td>Minkwang LEE</td> <td>10/11/2011</td> </tr> <tr> <td>Ana KIM</td> <td>10/11/2011</td> </tr> <tr> <td>Myoungwoo LEE</td> <td>10/11/2011</td> </tr> <tr> <td>Sungwan KIM</td> <td>10/11/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kyunghyun KIM	10/11/2011	Minkwang LEE	10/11/2011	Ana KIM	10/11/2011	Myoungwoo LEE	10/11/2011	Sungwan KIM	10/11/2011
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RECEIVING PARTY DATA													
Name:	LG Electronics Inc.												
Street Address:	20, Yeouido-dong, Yeongdeungpo-gu												
City:	Seoul												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	150-721												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13433754</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13433754								
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Application Number:	13433754												
CORRESPONDENCE DATA													
Fax Number:	(703)766-3644												
Phone:	7037663777												
Email:	assigned@ked-iplaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	KED & ASSOCIATES, LLP												
Address Line 1:	P.O. Box 8638												
Address Line 4:	Reston, VIRGINIA 20195												
ATTORNEY DOCKET NUMBER:	K-1424												
NAME OF SUBMITTER:	Daniel Y.J. Kim												
Total Attachments: 1 source=Assignment#page1.tif													

OP \$40.00 13433754

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) KIM, Kyunghyun
- (2) LEE, Minkwang
- (3) KIM, Ana
- (4) LEE, Myoungwoo
- (5) KIM, Sunghwan
- (6) _____

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

LG ELECTRONICS INC.
20, YEUIDO -DONG, YEONGDEUNGPO -GU
SEOUL 150-721
REPUBLIC OF KOREA

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 entitled

LIGHTING APPARATUS

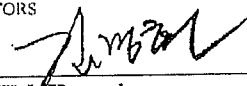



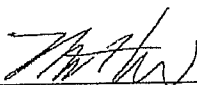
- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or
- (b) for which an application for United States Letters Patent was executed on October 11, 2011,

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 thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, 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 record 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 grants the firm of KED & ASSOCIATES, LLP the power to insert 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 beside our signatures:

INVENTORS	DATE SIGNED
1) <u></u> Name: KIM, Kyunghyun	<u>2011 10.11</u>
2) <u></u> Name: LEE, Minkwang	<u>2011. 10. 11</u>
3) <u></u> Name: KIM, Ana	<u>2011. 10. 11</u>
4) <u></u> Name: LEE, Myoungwoo	<u>2011. 10. 11</u>
5) <u></u> Name: KIM, Sunghwan	<u>2011 10. 11</u>