PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4184685

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEONGHWA KIM	12/14/2016
SANGMAN KIM	12/14/2016
HEEGU PARK	12/14/2016

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15378376

CORRESPONDENCE DATA

Fax Number: (703)766-3644

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7037663777

Email: ked-docket@ked-iplaw.com
Correspondent Name: KED & ASSOCIATES, LLP

Address Line 1: P.O. BOX 8638

Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	HI-1257
NAME OF SUBMITTER:	DAVID C. OREN
SIGNATURE:	/David C. Oren/
DATE SIGNED: 12/14/2016	

Total Attachments: 1

source=AssignmentHI1257#page1.tif

PATENT 504144839 REEL: 040732 FRAME: 0281

Docket No.: HI-1257

ASSIGNMENT

In consideration of the premise	s and othe	r good and	valuable	consideration	in hand paid,	the receipt and
sufficiency of which is hereby acknowledge	ed, the und	ersigned,				

(i) Jeonghwa KIM	(4)
(2) Sangman KIM	(5)
(3) Heegu PARK	(6)

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

LG ELECTRONICS INC. 128, Yeoui-daero, Yeongdeungpo-gu Seoul, 07336, 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 DEVICE

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

(b) for which an application for United States Letters Patent was executed on December 14, 2016

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 insect 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:

. See a second of the second o	
INVENTORS	DATE SIGNED
25 22 25-	16:14
Name: Jeonghwa KIM	
김사만	2016.12.14
Name: Sangman KIM	
些针	2016.12.14
Name: Heegu PARK	· · · · · · · · · · · · · · · · · · ·
Name:	
Name:	
Name:	<u></u>

PATENT REEL: 040732 FRAME: 0282

RECORDED: 12/14/2016