## 505062713 08/24/2018

# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5109468

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUNG DAL JUNG	03/28/2018
KI MAN KANG	03/16/2018
SEUNG HWAN KIM	03/30/2018
JONG SUB LEE	03/28/2018

#### **RECEIVING PARTY DATA**

Name:	LG INNOTEK CO., LTD.	
Street Address:	98, HUAM-RO, JUNG-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	04637	

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

Property Type	Number
Application Number:	15764112

### **CORRESPONDENCE DATA**

**Fax Number:** (703)766-3644

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**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:	DANA-0095
NAME OF SUBMITTER:	DANIEL Y.J. KIM
SIGNATURE:	/Daniel Y.J. Kim/
DATE SIGNED:	08/24/2018

### **Total Attachments: 3**

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PATENT 505062713 REEL: 046698 FRAME: 0305

Docket No.: DANA-0095

Name: Jong Sub LEE

## ASSIGNMENT

1100xG141.	<u> </u>		
In consideration of the premises and other good at sufficiency of which is hereby acknowledged, the undersigned,	nd valuable consi	ideration in hand paid,	the receipt and
(1) Sung Dal JUNG	(4) Seung H	wan KIM	
(2) Hyun Don SONG	(5) Jong Sub	LEE	
(3) Ki Man KANG	(6)		
who have made a certain new and useful invention, hereby sell,	assign and transfe	er unto	
LG INNOTEK. 98, Huam-10, Seoul, 04637 Repu	<u>Jung-gu</u>		
its successors and assigns (hereinafter designated "ASSIGNEE of America as defined in 35 U.S.C. 100 in the invention entitled		t, title and interest for th	ne United States
LIGHT EMITTI			
(a) for which an application for United States Letters Patent w States Serial No; or	as filed on $\underline{\hspace{1cm}}$	and iden- farch 16, 2018; Ma	tified by United rch 28, 2018
(b) for which an application for United States Letters Patent w	as executed on	March 30, 2018	<del>,</del>
and the undersigned hereby authorize and request the United any and all United States Letters Patent which may be granted extensions, divisions, reissues, substitutes, renewals, continuat priority thereto, and the right to all benefits under the Internation to the said ASSIGNEE, for its interest as ASSIGNEE, its successful application shall herea	therefor and/or the tions, or continuation on al Convention of cessors, assigns ar	hat claim priority thereto ations-in-part thereof an for the Protection of Inc and legal representatives;	and any and all d/or that claim lustrial Property
AND the undersigned hereby agree to transfer a like application for and obtaining original, divisional, reissued or ex of the said ASSIGNEE, its successors, assigns and legal repressimprovements, and applications for patent based thereon, grow any papers by the said ASSIGNEE, its successors, assigns and full protection and title in and to the invention hereby transferm	stended Letters Pr entatives, and with ring out of or rela I legal representat	atent of the United State yout further remuneration ted to the said invention	es, upon request on, in and to any c; and to execute
AND the undersigned hereby grants the firm of KI assignment any further identification that may be necessary or authority, including the United States Patent and Trademark Of	desirable in order	to comply with the rule	o insert on this es of any issuing
SIGNED on the dates indicated aside our signatures:	-		
INVENTORS		DATE SIGNED	
1)			2018.03.28
Name: Sung Dal JUNG	_	DATE SIGNED	
2)	_		
Name <b>Hyun Don SONG</b>		DATE SIGNED	
3) Name: <b>Ki Man KANG</b>	_		
4)		DATE SIGNED	
Name: Seung Hwan KIM	<del>_</del>		
		DATE SIGNED	2018 03 28
		6/	. 7018 03 78

Docket No.: DANA-0095

Name: Jong Sub LEE

## **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) Sung Dal JUNG (4) Seung Hwan KIM (2) Hyun Don SONG (5) Jong Sub LEE (3) Ki Man KANG who have made a certain new and useful invention, hereby sell, assign and transfer unto LG INNOTEK CO., LTD. 98, Huam-ro, Jung-gu Seoul, 04637 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 LIGHT EMITTING DEVICE (a) for which an application for United States Letters Patent was filed on and identified by United States Serial No. \_\_\_\_\_; or March 16, 2018; March 28, 2018 (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_\_ March 30, 2018 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 aside our signatures: **INVENTORS** DATE SIGNED Name: Sung Dal JUNG DATE SIGNED Name Hyun Don SONG DATE SIGNED Name: Ki Man KANG DATE SIGNED 2018.03.30 Name: Seung Hwan KIM DATE SIGNED

> PATENT REEL: 046698 FRAME: 0307

Docket No.: DANA-0095

# **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) Sung Dal JUNG	(4) Seung Hwan KIM
2) Hyun Don SONG	(5) Jong Sub LEE
3) Ki Man KANG	. (6)
who have made a certain new and useful invention, her	
<u>98, Hu</u>	NOTEK CO., LTD. 1am-ro, Jung-gu 37 Republic of Korea
ts successors and assigns (hereinafter designated "ASS of America as defined in 35 U.S.C. 100 in the invention	SIGNEE") the entire right, title and interest for the United State a entitled
LIGHT EM	MITTING DEVICE
(a) for which an application for United States Letters States Serial No; or	Patent was filed on, and identified by United March 16, 2018; March 28, 2018
b) for which an application for United States Letters I	Patent was executed onMarch 30, 2018,
any and all United States Letters Patent which may be extensions, divisions, reissues, substitutes, renewals, coriority thereto, and the right to all benefits under the loo the said ASSIGNEE, for its interest as ASSIGNEE agree that the attorneys of record in said application shand have a constant and obtaining original, divisional, reissurf the said ASSIGNEE, its successors, assigns and legatory provements, and applications for patent based thereto.	Fer a like interest, and to render all necessary assistance in making used or extended Letters Patent of the United States, upon reques all representatives, and without further remuneration, in and to any on, growing out of or related to the said invention; and to execute signs and legal representatives, deemed essential to ASSIGNEE.
AND the undersigned hereby grants the first	m of KED & ASSOCIATES, LLP the power to insert on thi ssary or desirable in order to comply with the rules of any issuing
SIGNED on the dates indicated aside our signatures:	
INVENTORS	DATE SIGNED
Name: Sung Dal JUNG	DATE SIGNED
·)	
Name Hyun Don SONG	
- Var	DATE SIGNED
Name: Ki Man KANG	DATE SIGNED
)	
Name: Seung Hwan KIM	DATE SIGNED
Name: <b>Jong Sub LEE</b>	

PATENT REEL: 046698 FRAME: 0308