502626072 01/08/2014

PATENT ASSIGNMENT COVER SHEET

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Total Attachments: 2

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EPAS ID: PAT2672681

SUBMISSION TYPE:		NEW ASSIGNME	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Execution Date			
JEONG HYEON CH	Ol		01/08/2014			
HYUN KYONG CHC)		01/08/2014			
BOCK KEE MIN			01/08/2014			
RECEIVING PARTY DATA						
Name:	LG INNOTEK	LG INNOTEK CO., LTD.				
Street Address:		SEOUL SQUARE, 416, HANGANG-DAERO, JUNG-GU				
City:	SEOUL					
State/Country:	KOREA, REP	KOREA, REPUBLIC OF				
Postal Code:	100-714					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number: 141503		14150318	318			
CORRESPONDENCE DATA						
Fax Number: (703)766-3644						
Phone: 7037663777 Fmail: assigned@ked-iplaw.com						
	assi	aned@ked-iplaw.com				
Email:		gned@ked-iplaw.com ail when the email attempt is	is unsuccessful.			
Email: Correspondence will Correspondent Name	<i>be sent via US Ma</i> e: KED	ail when the email attempt is 0 & ASSOCIATES, LLP	is unsuccessful.			
Email: Correspondence will Correspondent Name Address Line 1:	<i>be sent via US Ma</i> e: KED P.O	ail when the email attempt is 0 & ASSOCIATES, LLP . BOX 8638	is unsuccessful.			
Email: Correspondence will Correspondent Name Address Line 1:	<i>be sent via US Ma</i> s: KED P.O	ail when the email attempt is 0 & ASSOCIATES, LLP	is unsuccessful.			
Email: Correspondence will Correspondent Name	be sent via US Ma e: KEC P.O RES	ail when the email attempt is 0 & ASSOCIATES, LLP . BOX 8638	is unsuccessful.			
Email: Correspondence will Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKE	be sent via US Ma : KEC P.O RES	ail when the email attempt is 0 & ASSOCIATES, LLP 1. BOX 8638 1. BTON, VIRGINIA 20195				
Email: Correspondence will Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKE	be sent via US Ma : KEC P.O RES	ail when the email attempt is 3 & ASSOCIATES, LLP 4 BOX 8638 5 TON, VIRGINIA 20195 GIP-0037.01	N			
Email: Correspondence will Correspondent Name Address Line 1: Address Line 4:	be sent via US Ma : KEC P.O RES	ail when the email attempt is 3 & ASSOCIATES, LLP BOX 8638 BTON, VIRGINIA 20195 GIP-0037.01 DAVID C. OREN	N			

PATENT REEL: 031919 FRAME: 0591 Docket No.:

Name:

GIP-0037.01

Assignee's Ref.: P2011-E0268USC1

ASSIGNMENT

(1) Jeong Hyeon CHOI	(4)
(2) Hyun Kyong CHO	(5)
3) Bock Kee MIN	(6)
who have made a certain new and useful invention, hereby	sell, assign and transfer unto
Ī	G Innotek Co., Ltd.
Seoul Square	, 416, Hangang-daero, Jung-gu,
Seoul, 1	100-714 Republic of Korea
ts successors and assigns (hereinafter designated "ASSIGN 35 U.S.C. 100 in the invention-entitled	NEE") the entire right, title and interest for the United States of America as defined i
LIGHTING EMITTING DEVICE	
(a) for which an application for United States Letters F No; or	Patent was filed on, and identified by United States Series
(b) for which an application for United States Letters Pater	nt was executed on January 8, 2014
Letters Patent which may be granted therefor and/or the renewals, continuations, or continuations-in-part thereof a	ted States Commissioner of Patents and Trademarks to issue any and all United State nat claim priority thereto and any and all extensions, divisions, reissues, substitute and/or that claim priority thereto, and the right to all benefits under the Internations
Letters Patent which may be granted therefor and/or the enewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to the epresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter assigns and legal representatives, and without further remarks of the control of the c	nat claim priority thereto and any and all extensions, divisions, reissues, substitute and/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and leginated in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an assignment of the United States, upon request of the said ASSIGNEE, its successor numeration, in and to any improvements, and applications for patent based thereoughte any papers by the said ASSIGNEE, its successors, assigns and legal representative
Letters Patent which may be granted therefor and/or the renewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to trepresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter assigns and legal representatives, and without further rengrowing out of or related to the said invention; and to execute the continuation of the continuation of the undersigned hereby grants the firm dentification that may be necessary or desirable in order to	nat claim priority thereto and any and all extensions, divisions, reissues, substitute and/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and leginated in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an assignment of the United States, upon request of the said ASSIGNEE, its successor numeration, in and to any improvements, and applications for patent based thereoughte any papers by the said ASSIGNEE, its successors, assigns and legal representative
Letters Patent which may be granted therefor and/or the renewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to trepresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfe obtaining original, divisional, reissued or extended Letter assigns and legal representatives, and without further rengrowing out of or related to the said invention; and to execute deemed essential to ASSIGNEE's full protection and title in AND the undersigned hereby grants the firm identification that may be necessary or desirable in order to Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures:	nat claim priority thereto and any and all extensions, divisions, reissues, substitute und/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legit record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereof united any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further
Letters Patent which may be granted therefor and/or the renewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to trepresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfe obtaining original, divisional, reissued or extended Letter assigns and legal representatives, and without further rengrowing out of or related to the said invention; and to executemed essential to ASSIGNEE's full protection and title in AND the undersigned hereby grants the firm dentification that may be necessary or desirable in order to trademark Office, for recordation of this document.	nat claim priority thereto and any and all extensions, divisions, reissues, substitute und/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legic record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereof ute any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further to comply with the rules of any issuing authority, including the United States Patent and DATE SIGNED.
Letters Patent which may be granted therefor and/or the enewals, continuations, or continuations in part thereof a Convention for the Protection of Industrial Property to trepresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter issigns and legal representatives, and without further rengrowing out of or related to the said invention; and to excelemed essential to ASSIGNEE's full protection and title in AND the undersigned hereby grants the firm dentification that may be necessary or desirable in order to trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures:	nat claim priority thereto and any and all extensions, divisions, reissues, substitute and/or that claim priority thereto, and the right to all benefits under the Internationathe said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and leging record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereon the any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further to comply with the rules of any issuing authority, including the United States Patent and
Letters Patent which may be granted therefor and/or the enewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to the epresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter assigns and legal representatives, and without further remarks and invention; and to execute the execute december of or related to the said invention; and to execute the execute the execute that the undersigned hereby grants the firm dentification that may be necessary or desirable in order to trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS Name: Jeong Hyeon CHOI	nat claim priority thereto and any and all extensions, divisions, reissues, substitute und/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legic record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereof ute any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further to comply with the rules of any issuing authority, including the United States Patent and DATE SIGNED.
Letters Patent which may be granted therefor and/or the enewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to the epresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter issigns and legal representatives, and without further removing out of or related to the said invention; and to execute the extended essential to ASSIGNEE's full protection and title in AND the undersigned hereby grants the firm dentification that may be necessary or desirable in order to trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS Name: Jeong Hyeon CHOI	nat claim priority thereto and any and all extensions, divisions, reissues, substitute und/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legic record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereof ute any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further to comply with the rules of any issuing authority, including the United States Patent and DATE SIGNED.
Letters Patent which may be granted therefor and/or the enewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to the epresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter issigns and legal representatives, and without further removing out of or related to the said invention; and to execute the example of the continuation of the said invention and title in AND the undersigned hereby grants the firm dentification that may be necessary or desirable in order to trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS Name: Jeong Hyeon CHOI	nat claim priority thereto and any and all extensions, divisions, reissues, substitute and/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legic record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereon the any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further to comply with the rules of any issuing authority, including the United States Patent and DATE SIGNED 1/8/2014
Letters Patent which may be granted therefor and/or the enewals, continuations, or continuations-in-part thereof a Convention for the Protection of Industrial Property to the epresentatives; the undersigned agree that the attorneys of AND the undersigned hereby agree to transfer obtaining original, divisional, reissued or extended Letter ussigns and legal representatives, and without further remarking out of or related to the said invention; and to execute the exact december of the related to the said invention; and to execute the exact december of the undersigned hereby grants the firm dentification that may be necessary or desirable in order to trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS Name: Jeong Hyeon CHOI Name: Hyun Kyong CHO Mame: Hyun Kyong CHO	nat claim priority thereto and any and all extensions, divisions, reissues, substitute and/or that claim priority thereto, and the right to all benefits under the Internation; the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legic record in said application shall hereafter act on behalf of said ASSIGNEE; are a like interest, and to render all necessary assistance in making application for an as Patent of the United States, upon request of the said ASSIGNEE, its successor nuneration, in and to any improvements, and applications for patent based thereon the any papers by the said ASSIGNEE, its successors, assigns and legal representative in and to the invention hereby transferred. of KED & ASSOCIATES, LLP the power to insert on this assignment any further to comply with the rules of any issuing authority, including the United States Patent and DATE SIGNED 1/8/2014

PATENT REEL: 031919 FRAME: 0592 Docket No.:

GIP-0037.01

ASSIGNMENT

hero	In consideration of the premises and other good by acknowledged, the undersigned,	d and valuable consideration in han	d paid, the receipt and sufficiency of which is
(1)	Jeong Hyeon CHOI	(4)	
(2)	Hyun Kyong CHO	(5)	
(3)	Bock Kee MIN	(6)	
who	have made a certain new and useful invention, hereby sel	ll, assign and transfer unto	
	<u>LG</u>	Innotek Co., Ltd.	
	Seoul Square, 4	416, Hangang-daero, Jun	<u>ıg-gu, </u>
	<u>Seoul, 10</u>	0-714 Republic of Korea	
	uccessors and assigns (hereinafter designated "ASSIGNE J.S.C. 100 in the invention entitled	(E^n) the entire right, title and interest	t for the United States of America as defined in
	for which an application for United States Letters Pate	ent was filed on	, and identified by United States Seria
(b) 1	for which an application for United States Letters Patent v	was executed onJanuary	7 8, 2014
cener Com- repre obtain assig grow	ers Patent which may be granted therefor and/or that wals, continuations, or continuations-in-part thereof and vention for the Protection of Industrial Property to the esentatives; the undersigned agree that the attorneys of recontinuous and in the undersigned hereby agree to transfer a sining original, divisional, reissued or extended Letters Pars and legal representatives, and without further remurbing out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in a AND the undersigned hereby grants the firm of	/or that claim priority thereto, and a said ASSIGNEE, for its interest a cord in said application shall hereafted is like interest, and to render all need Patent of the United States, upon reperation, in and to any improvement any papers by the said ASSIGNEE and to the invention hereby transferrend	the right to all benefits under the Internationals ASSIGNEE, its successors, assigns and legaler act on behalf of said ASSIGNEE; essary assistance in making application for and equest of the said ASSIGNEE, its successors ats, and applications for patent based thereon, its successors, assigns and legal representatives ed.
	tification that may be necessary or destrable in order to co lemark Office, for recordation of this document.	omply with the rules of any issuing a	uthority, including the United States Patent and
SIG	NED on the dates indicated aside our signatures:		
	INVENTORS		DATE SIGNED
1) 2)	Name: Jeong Hyeon CHOI		1/8/2014
	Name: Hyun Kyong CHO		
3)	Name: Bock Kee MIN		
4)			
	Name:		
5)	Name:		
6)	Name:		

PATENT REEL: 031919 FRAME: 0593