502284376 03/25/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bum Chul CHO	03/18/2013
Moon Sub KIM	03/15/2013
Jin Kwan KIM	03/18/2013

RECEIVING PARTY DATA

Name:	LG INNOTEK CO., LTD.
Street Address:	Seoul Square 20F, Namdaemunno 5-ga, Jung-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	100-714

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13838721

CORRESPONDENCE DATA

Fax Number: 7032058050

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7032058000

Email: mailroom@bskb.com, mussie.beyene@bskb.com

Correspondent Name: BIRCH, STEWART, KOLASCH, & BIRCH, LLP.

Address Line 1: P.O. BOX 747

Address Line 4: Falls Church, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0465-3707PUS1
NAME OF SUBMITTER:	Mussie B. Beyene

Total Attachments: 6

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> PATENT REEL: 030075 FRAME: 0902

OF \$40.00 13838/21

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ATTORNEY DOCKET NO.

0465-3707PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	13/838,721	Filed _	March 15, 2013
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME) WHEREAS, Cho, Bum Chul and Kim, Moon Su undersigned) has (have) invented certain new and	b and Ki	m, Jin Kwan (hereinafter designated as the
Insert Title of Invention	LIGHT EMITTING for which an application for Letters Patent of the undersigned (except in the case of a provisional ap	United St	
Insert Date of Signing of Application Insert Name of Assignee Insert Address of Assignee CHECK BOX IF APPROPRIATE	whereas, LG Innotek Co., LTD. of Seoul Square 20F, Namdaemunno 5-ga, Jung its heirs, successors, legal representatives and a desirous of acquiring the entire right, title and inte Patent(s) that may be granted therefor in the United in any foreign countries. NOW, THEREFORE, in consideration of the sum paid, the receipt of which is hereby acknowledg undersigned has (have) sold, assigned and trans transfer unto said Assignee the full and exclusiv America, its territories, dependencies and possess any and all Letters Patent(s) which may be gra territories, dependencies and possessions, and if countries;	assigns (herest in and described of Ten Described, and of ferred, and eright to sions and therest therest and therest therest and therest and therest and therest and therest and the sions are since the sions and the sions and the sions are since the sions and the sions are since the sions and the sions are since the sions and the sions and the sions are since the sions are since the sions and the sions are since th	ereinafter designated as the Assignee) is to said invention and in and to any Letters America and collars (\$10.00) to the undersigned in hand ther good and valuable consideration, the d by these presents does sell, assign and the said invention in the United States of the entire right, title and interest in and to efor in the United States of America, its
	and to any and all divisions, reissues, continuati term or terms for which the same may be granted.	ons, conv	ersions and extensions thereof for the full

P2012-E1572US

0465-3707PUS1 Attorney Docket No.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 20/3, 3, 18	Name of Inventor Chul (signature) Cho, Bum Chul	
Date	Name of Inventor (signature) Kim, Moon Sub	
Date	Name of Inventor	

REEL: 030075 FRAME: 0904

ATTORNEY DOCKET NO.

0465-3707PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application No.	13/838,721	Filed _	March 15, 2013	
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***			
	WHEREAS, Cho, Bum Chul and Kin undersigned) has (have) invented cert	·	•	as the
nsert Title of Invention	LIGHT	EMITTING DEVIC	E PACKAGE	
·	for which an application for Letters F undersigned (except in the case of a pr		ates of America has been executed l	by the
nsert Date of Signing of	on March 15, 2013			and
Application Insert Name	WHEREAS, <u>LG INNOTEK CO., L</u>	TD.		
of Assignee Insert Address of Assignee	of Seoul Square 20F, Namdaemunno	5-ga, Jung-gu, Seou	100-714 Korea	
CHECK BOX F APPROPRIATE	its heirs, successors, legal represent desirous of acquiring the entire right, the Patent(s) that may be granted therefor in any foreign countries.	itle and interest in and	to said invention and in and to any I	-
	NOW, THEREFORE, in consideration paid, the receipt of which is hereby undersigned has (have) sold, assigned transfer unto said Assignee the full at America, its territories, dependencies any and all Letters Patent(s) which territories, dependencies and possessicountries;	acknowledged, and o and transferred, an and exclusive right to and possessions and a may be granted there	ther good and valuable consideration d by these presents does sell, assign the said invention in the United Stathe entire right, title and interest in a sefor in the United States of American	n, the n and ites of and to ca, its
	and to any and all divisions, reissues		ersions and extensions thereof for th	ne full

P2012-E1572US

0465-3707PUS1

Attorney Docket No.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Name of Inventor	(signature) Cho, Bum Chul
Date	2013, 3.15	Name of Inventor	(signature) Kim, Moon Sub
Date		Name of Inventor	(signature) Kim, Jin Kwan

REEL: 030075 FRAME: 0906

ATTORNEY DOCKET NO.

0465-3707PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	13/838/721	Filed _	March 15, 2013
Insert Name(s) of Inventor(s)	***(Given	Name FAMILY NAME (ALL CA	.PS))***
		l and Kim, Moon Sub and Ki ented certain new and useful in	m, Jin Kwan (hereinafter designated as the aprovements in:
Insert Title of Invention	I	LIGHT EMITTING DEVIC	E PACKAGE
		Letters Patent of the United See of a provisional application)	tates of America has been executed by the
Insert Date of Signing of	on March 18, 2013		; and
Application Insert Name of Assignee			
Insert Address of Assignce	of Seoul Square 20F, Namd	aemunno 5-ga, Jung-gu, Seou	<u>ıl 100-714 Korea</u>
СНЕСК ВОХ	desirous of acquiring the enti	re right, title and interest in and therefor in the United States of	nereinafter designated as the Assignee) is id to said invention and in and to any Letters of America and
IF APPROPRIATE	paid, the receipt of which is undersigned has (have) sold transfer unto said Assignee America, its territories, depe any and all Letters Patent(s	s hereby acknowledged, and of , assigned and transferred, are the full and exclusive right to indencies and possessions and) which may be granted ther	Dollars (\$10.00) to the undersigned in hand other good and valuable consideration, the ad by these presents does sell, assign and the said invention in the United States of the entire right, title and interest in and to refor in the United States of America, its above is designated, in any and all foreign
	and to any and all divisions term or terms for which the sa		versions and extensions thereof for the ful

P2012-E1572US

0465-3707PUS1 Attorney Docket No.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Name of Inventor (signature) Cho, Bum Chul	**************************************
Date	Name of Inventor (signature) Kim, Moon Sub	
Date <u>20/3. 3. /8</u>	Name of Inventor (signature) Kim, Jin Kwan	

Page 2 of 2

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