# 503032300 10/23/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MUN KYU JOO	09/23/2014
MINSOO KANG	09/23/2014
JEAMIN MOON	09/23/2014
YUN HYE HAHM	09/23/2014
SEONGSU JANG	08/13/2014
JINA YOU	09/23/2014
JAEIN LEE	09/23/2014

### **RECEIVING PARTY DATA**

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

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

Property Type	Number	
Application Number:	14396692	

#### CORRESPONDENCE DATA

Fax Number:(202)496-7756Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent<br/>using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:2024067500

Phone:	2024967500
Email:	mlaip@mckennalong.com
Correspondent Name:	MCKENNA LONG & ALDRIDGE LLP
Address Line 1:	1900 K STREET, NW
Address Line 4:	WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	29137.01629.US00
NAME OF SUBMITTER:	MATTHEW T. BAILEY
SIGNATURE:	/Matthew T. Bailey/
DATE SIGNED:	10/23/2014
Total Attachmenta, C	

Total Attachments: 6

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PATENT

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Docket No.: 29137.01629.US00

### Assignment of Application

WHEREAS, I (WE)	JOO, Mun Kyu, KANG, Minsoo, MOON, Jeamin, HAHM, Yun Hye, JANG, Seongsu, YOU, Jina and LEE, Jacin			
				, respectively,
have invented certain new a	ind useful improve	ments in:	******	
ORGANIC ELECTROLUMIN	IESCENT DEVICE			
for which an application for	Letters Patent wa	s executed on		
(Application No. 14/396 6		Filed	October 23-201	A Dand

< <u>, , 1</u>	19,000,002	 0000001 201 2014	, and
WHEREAS,	LG CHEM, LTD.		<b>6.66</b> ,000,000,000,000,000,000,000,000,000,
	ed to as "ASSIGNEE") having Yeongdeungpo-gu, Scoul 150		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration. I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and

Page 1 of 2



enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP,

Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Soptember 23, 2014	100
,	(Signature of inventor) JOO, Mun Kyu
Paulo	
Date:	(Signature of Investor) KANG, Minsoo
Date: September 23.2014	- france
	(Signature of Inventor) MOON, Jeamin
Date: September 23, 2014	hale
	(Signature of Inventor) HAHM, Yun Hye
Date	(Signature of Inventor)
	JANG, Seongsu
Date: September 23, 2014	(Signature of Inventor)
	YOU, Jina
Date: September 23, 2014	(Signature of Inventor)
χ.	LEE, Jaein

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006



Page 2 of 2

Docket No.: 29137.01629.US00

## Assignment of Application

WHEREAS.	1 (WE)	JOO, Mun Kyu, KANG, Minsoo, MOON, Jeamin, HAHM, Yun Hye, JANG, Seongsu, YOU, Jina and LEE, Jacin			
					, respectively.
have invented cert	ain new t	und useful impr	ovements in:		
ORGANIC ELECT.	ROLUMI	NESCENT DEVI	LE		
for which an applie	cation for	Letters Patent	was executed on		
(Application No.	14/396,6	92	, Filed	October 23, 2014	), and
WHEREAS,	LG CH	EM, LTD.			······

(hereinafter referred to as "ASSIGNEE") having a place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Scoul 150-721, Republic of Korea

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$500), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had thus Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and

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enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:		
	(Signature of Inventor)	JOO, Mun Kyu
Note: September 23, 2014	200	<u>~~9</u>
	(Signature of Investor)	KANG, Minsoo
Date:	(Signature of Inventor)	
		MOON, Jeamin
Date'	(Signature of Inventor)	HAHM, Yun Hye
		RECEIVE, A USE LLYC
Date:	(Signature of Inventor)	JANG, Seongsu
Bate:		
	(Signature of Inventor)	YOU, Jina
batel	(Signature of Inventor)	F 1737 3
		LEE, Jacin
МсКо	enna Long & Aldri Attorneys At Lav	
	1900 K Street, N.V	
N	Vashington, D.C. 20	



Decket No.: 29137.01629.US00

### **Assignment of Application**

WHEREAS, I (WE)	,		insoo, MOON, Je Seongsn, YOU, Jin	
				respectively,
have invented certain new	and useful imp	provements in:		
ORGANIC ELECTROLUMI	NESCENT DEV	/ICE		
for which an application fo	r Letters Pater	it was executed or	1	
(Application No. 14/396,6	392	, Filed	October 23, 2014	), and

(Application No.	14/396,692	, rhea	October 23, 2014	), and
 WHEREAS,	LG CHEM, LTD.	d		
	ed to as "ASSIGNEE") having Yeongdeungpo-gu, Scoul 150			
izo, i couraica,	roomgdoongpo-gu, ocour 15		public of Korea	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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ale.	
	(Signature of Inventor) JOO, Mun Kyu
aic,	(Signature of Inventor)
	(Signature of Inventor) KANG, Minsoo
ate:	(Signature of Investor)
	MOON, Jeamin
ate:	(Signature of inventor) HAHM, Yun Hye
ate: <u>2015. A. /3</u>	2
	(Signature of Inventor) JANG, Scongsu
stc.	(Signature of Inventor)
	YOU, Jina
1e:	(Signature of Inventor)
	LEE, Jacin

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Page 2 of 2

**RECORDED: 10/23/2014**