# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
BOON JAE JANG	02/26/2018
DONG HOON LEE	02/26/2018
JUNG OH HUH	02/26/2018
MIN YOUNG KANG	02/26/2018
DONG UK HEO	02/26/2018
MI YEON HAN	02/26/2018
MIN WOO JUNG	02/26/2018

# **RECEIVING PARTY DATA**

Name:	LG CHEM, LTD.	
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City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15767296

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	29137.02613.US00
NAME OF SUBMITTER:	SONG K. JUNG
SIGNATURE:	/Song K. Jung/
DATE SIGNED:	04/10/2018

PATENT REEL: 045496 FRAME: 0313

# Total Attachments: 6 source=29137\_02613\_US00\_Assignment#page1.tif source=29137\_02613\_US00\_Assignment#page2.tif source=29137\_02613\_US00\_Assignment#page3.tif source=29137\_02613\_US00\_Assignment#page4.tif source=29137\_02613\_US00\_Assignment#page5.tif

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PATENT REEL: 045496 FRAME: 0314

# COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM<sup>1</sup>

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

# TITLE: ORGANIC LIGHT EMITTING DEVICE

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

The attached U.S. non-provisional patent application, or

# Section I. Declaration

This declaration is directed to:

	U.S. non-provisional patent application number, or	, filed on
<b>***</b>	PCT international patent application number PCT/KR2017/0 2017.	11537 filed on October 18,
The above-ic	dentified application was made or authorized to be made by m	e (us).
3 3	e that I am (we are) the original inventor (original joint invento lentified application.	rs) of a claimed invention in
l (we) hereb	by acknowledge that any willful false statement made in th	is declaration is punishable
1 This form re	equires the use of an Application Data Sheet.	
	LG CHEM Ref No. P2016-1515PCUS (Pontfolio: OLED material)	Attorney Ref No.

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PATENT SIGCHER REEL: 045496 FRAME: 0315

under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

# Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

### LG CHEM, LTD.

having an address at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea (hereinafter designated as the Assignee(s)), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee(s) to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of

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the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee(s) without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee(s), and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee(s).

The undersigned hereby grant(s) the law firm of **Dentons US LLP** the power to insert on this Declaration and 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.

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# Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Full Name		
FIRST INVENTOR/ASSIGNOR	Boon Jae JANG		
SIGNATURE	Juy Monjoe	DATE:	Feb. 16,7018
LEGAL NAME OF		Full Name	
INVENTOR/ASSIGNOR	Dong Hoon LEE		
SIGNATURE	bee buy hum	DATE:	Feb. 26.2018
LEGAL NAME OF		Full Name	
THIRD INVENTOR/ASSIGNOR		Jung Oh HUH	
SIGNATURE	4	DATE	Feb. 26.0018

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LEGAL NAME OF	Full Name  Min Young KANG		
FOURTH INVENTOR/ASSIGNOR			
	Min Yaung KANG	OATE <u>(eb. 26, 2018</u>	
LEGAL NAME OF FIFTH	Full Name		
INVENTOR/ASSIGNOR	Dong Uk HEO		
SIGNATURE	Hea. Dougak	DATE Tob. 26. 2018	
LEGAL NAME OF	Full Name  Mi Yeon HAN		
INVENTOR/ASSIGNOR			
SIGNATURE		DATE Feb. 25. 2018	

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LEGAL NAME OF SEVENTH	Full Name		
INVENTOR/ASSIGNOR	Min Wao JUNG		
SIGNATURE	Minuos Jung	DATE Fab. 26. 20/8	

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Attorney Ref No.

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**RECORDED: 04/10/2018**