

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL LIM	03/19/2015
HYUCK JUNG CHOI	03/19/2015
KWANG YONG OH	03/19/2015
MYUNG JIN KIM	03/19/2015
KI BUM NAM	03/20/2015
SANG SHIN PARK	03/19/2015
JI YOUN OH	03/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEOUL SEMICONDUCTOR CO., LTD.
<b>Street Address:</b>	1B-25,97-11, SANDAN-RO 163BEON-GIL
<b>Internal Address:</b>	DANWON-GU, GYEONGGI-DO
<b>City:</b>	ANSAN-SI
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	425-851
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14624383
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)720-5819
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(858)720-5700
<b>Email:</b>	michellemelendez@perkinscoie.com
<b>Correspondent Name:</b>	BING AI
<b>Address Line 1:</b>	PERKINS COIE LLP
<b>Address Line 2:</b>	PO BOX 1247
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98111-1247
<b>ATTORNEY DOCKET NUMBER:</b>	114898-8003.US00
<b>NAME OF SUBMITTER:</b>	MICHELLE MELENDEZ
<b>SIGNATURE:</b>	/Michelle Melendez/

PATENT

<b>DATE SIGNED:</b>	03/31/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 5</b> source=Executed Declaration and Assignment#page1.tif source=Executed Declaration and Assignment#page2.tif source=Executed Declaration and Assignment#page3.tif source=Executed Declaration and Assignment#page4.tif source=Executed Declaration and Assignment#page5.tif	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Michael Lim et al.

Application No.: 14/624,383

Conf. No.: Not Yet Assigned

Filed: February 17, 2015

For: LIGHTING EMITTING DEVICE

**DECLARATION AND ASSIGNMENT BY THE INVENTOR**  
**UNDER RULE 37 C.F.R. § 1.63 EFFECTIVE ON SEPTEMBER 16, 2012**

As a below named inventor, I hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

**LIGHTING EMITTING DEVICE**

filed on February 17, 2015, and assigned U.S. Application Number 14/624,383, the specification of which is attached hereto and identified as Attorney Docket No. 114898-8003.US00. I authorize and request an attorney appointed in the above-identified U.S. application to hereafter insert above the filing date and application number of the above-identified U.S. patent application when known.

I believe the following persons are original joint inventors of the above-identified U.S. patent application:

Michael Lim;

Hyuck Jung Choi;

Kwang Yong Oh;

Myung Jin Kim;

Ki Bum Nam;

Sang Shin Park; and

Ji Youn Oh.

I made, authorized to make, or will make or authorize to make the above-identified patent application at the U.S. Patent and Trademark Office.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

#### ASSIGNMENT

I hereby assign to Seoul Semiconductor Co., Ltd., a corporation, having a place of business at 1B-25, 97-11, Sandan-ro 163beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do 425-851, Republic of Korea, and its successors and assigns (collectively "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in the above-identified application, and prior U.S. Provisional Application No. 62/062,532 filed in the United States Patent and Trademark Office on October 10, 2014, U.S. Provisional Application No. 62/091,175 filed in the United States Patent and Trademark Office on December 12, 2014, U.S. Provisional Application No. 62/091,176 filed in the United States Patent and Trademark Office on December 12, 2014, prior Korean Patent Application No. 10-2014-0162638 filed in the Republic of Korea on November 20, 2014, prior Korean Patent Application No. 10-2014-0162639 filed in the Republic of Korea on November 20, 2014, prior Korean Patent Application No. 10-2015-0008214 filed in the Republic of Korea on January 16, 2015, prior Korean Patent Application No. 10-2015-0009481 filed in the Republic of Korea on January 20, 2015, prior Korean Patent Application No. 10-2015-0019551 filed in the Republic of Korea on February 9, 2015, and prior Korean Patent Application No. 10-2015-0019553 filed in the Republic of Korea on February 9, 2015 from which the above-identified U.S. patent application claims priorities and benefits.

This assignment includes the entire right, title and interest in the above-identified U.S. and Korean patent applications, all legal equivalents thereof in any country, any and all United States, Patent Cooperation Treaty, Republic of Korea and other foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all

certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, Patent Cooperation Treaty and Republic of Korea, all other foreign patents, utility models, and design registrations, and the right to claim priority based on the filing dates of the above-identified U.S. and Republic of Korea patent applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration in accordance with the aforementioned employment agreement.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with

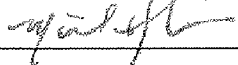
Inventors : Michael Lim et al.  
Appl. No. : 14/624,383  
Filed : February 17, 2015  
Page : 4 of 5

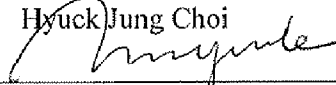
Docket No.: 114898-8003.US00

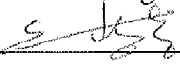
obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

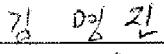
I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to Seoul Semiconductor Co., Ltd. as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.

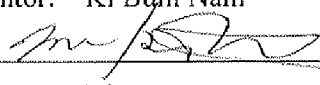
I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of first inventor: Michael Lim  
Inventor's signature:   
Date: 3/19/2015

Full name of joint inventor: Hyuck Jung Choi  
Inventor's signature:   
Date: 2015. Mar. 19

Full name of joint inventor: Kwang Yong Oh  
Inventor's signature:   
Date: 2015. 3. 19

Full name of joint inventor: Myung Jin Kim  
Inventor's signature:   
Date: 2015. 3. 19

Full name of joint inventor: Ki Bum Nam  
Inventor's signature:   
Date: 3/20, 2015

Inventors : Michael Lim et al.  
Appl. No. : 14/624,383  
Filed : February 17, 2015  
Page : 5 of 5

Docket No.: 114898-8003.US00

Full name of joint inventor: Sang Shin Park

Inventor's signature: 박성신

Date: 2015. 3. 19

Full name of joint inventor: Ji Youn Oh

Inventor's signature: 오지연

Date: 2015. 3. 19

Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
Telephone: (858) 720-5700  
Facsimile: (206) 359-7198

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