

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seong Bok YOON</td> <td>02/18/2013</td> </tr> <tr> <td>Dae Won KIM</td> <td>02/18/2013</td> </tr> <tr> <td>Jong-Bum KIM</td> <td>02/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Seong Bok YOON	02/18/2013	Dae Won KIM	02/18/2013	Jong-Bum KIM	02/18/2013				
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<table border="1"> <tr> <td>Name:</td> <td>POSCO LED COMPANY LTD.</td> </tr> <tr> <td>Street Address:</td> <td>622, Sampyeong-dong</td> </tr> <tr> <td>Internal Address:</td> <td>Bundang-gu, Gyeonggi-do</td> </tr> <tr> <td>City:</td> <td>Seongnam-si</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>463-400</td> </tr> </table>		Name:	POSCO LED COMPANY LTD.	Street Address:	622, Sampyeong-dong	Internal Address:	Bundang-gu, Gyeonggi-do	City:	Seongnam-si	State/Country:	KOREA, REPUBLIC OF	Postal Code:	463-400
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CORRESPONDENCE DATA													
<p>Fax Number: 7032885139 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-288-5105 Email: patent@park-law.com Correspondent Name: H.C. Park & Associates, PLC Address Line 1: 1894 Preston White Drive Address Line 4: Reston, VIRGINIA 20191</p>													
ATTORNEY DOCKET NUMBER:	P5225US00												
NAME OF SUBMITTER:	Hae-Chan Park												
	This document serves as an Oath/Declaration (37 CFR 1.63).												
<p>Total Attachments: 3 source=2013-02-18 P5225US00 Executed Assignment serving as Declaration#page1.tif source=2013-02-18 P5225US00 Executed Assignment serving as Declaration#page2.tif source=2013-02-18 P5225US00 Executed Assignment serving as Declaration#page3.tif</p>													

OP \$40.00 13770162



HC Park & Associates, PLC

COUNSELORS AT LAW

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

☒ The attached application entitled **AC LED LIGHTING APPARATUS USING VOLTAGE EDGE DETECTOR** having attorney docket number P5225US00 ("Application"), which claims priority from:
Korean Patent Application No. 10-2013-0003291, filed January 11, 2013.

☐ As amended on _____ (if applicable);

The above-identified Application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application.

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

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

POSCO LED COMPANY LTD.
622, Sampyeong-dong
Bundang-gu, Seongnam-si
Gyeonggi-do, 463-400
Republic of Korea

POSCO LED COMPANY LTD. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including



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Docket No. P5225US00

(without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

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

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

First Inventor's and Assignor's Name: Seong Bok YOON

Address: C/O POSCO LED COMPANY LTD.
622, Sampyeong-dong
Bundang-gu, Seongnam-si
Gyeonggi-do, 463-400
Republic of Korea

First Inventor's and Assignor's Signature: Yoon Seong Bok

Date: 2013 / 02 / 18



HC Park & Associates, PLC

Attorney in Fact

Docket No. P5225US00

Second Inventor's and Assignor's Name: Dae Won KIM

Address: C/O POSCO LED COMPANY LTD.
622, Sampyeong-dong
Bundang-gu, Seongnam-si
Gyeonggi-do, 463-400
Republic of Korea

Second Inventor's and Assignor's
Signature:

Date:

Feb 18 2013

Third Inventor's and Assignor's Name: Jong-Bum KIM

Address: C/O POSCO LED COMPANY LTD.
622, Sampyeong-dong
Bundang-gu, Seongnam-si
Gyeonggi-do, 463-400
Republic of Korea

Third Inventor's and Assignor's Signature:

Date:

Feb 18 2013