

## PATENT ASSIGNMENT

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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>12/31/2012</td> </tr> <tr> <td>Dae Won KIM</td> <td>12/31/2012</td> </tr> <tr> <td>Jung Hwa KIM</td> <td>12/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Seong Bok YOON	12/31/2012	Dae Won KIM	12/31/2012	Jung Hwa KIM	12/31/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>POSCO LED COMPANY LTD.</td> </tr> <tr> <td>Street Address:</td> <td>622, Sampyeong-dong, 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, Bundang-gu, Gyeonggi-do	City:	Seongnam-si	State/Country:	KOREA, REPUBLIC OF	Postal Code:	463-400
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 7032885139</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-288-5105</p> <p>Email: patent@park-law.com</p> <p>Correspondent Name: H.C. PARK &amp; ASSOCIATES, PLC</p> <p>Address Line 1: 1894 Preston White Dr.</p> <p>Address Line 4: Reston, VIRGINIA 20191</p>											
ATTORNEY DOCKET NUMBER:	P5174US00										
NAME OF SUBMITTER:	Hae-Chan Park										
	This document serves as an Oath/Declaration (37 CFR 1.63).										
<p>Total Attachments: 3</p> <p>source=Assign-Dec#page1.tif</p> <p>source=Assign-Dec#page2.tif</p> <p>source=Assign-Dec#page3.tif</p>											

OP \$40.00 13731816



HC Park & Associates, PLC

**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 **LED LIGHTING APPARATUS WITH IMPROVED TOTAL HARMONIC DISTORTION IN SOURCE CURRENT** having attorney docket number P5174US00 ("Application"), which claims priority from: Korean Patent Application No. 10-2012-0150881, filed December 21, 2012.

☐ 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



(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: 2012 / 12 / 31

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: [Signature]

Date: 2012 / 12 / 31



HC Park & Associates, PLC

Docket No. P5174US00

Third Inventor's and Assignor's Name: Jung Hwa 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:

A handwritten signature in black ink, appearing to be 'JHK' or similar, written over a horizontal line.

Date:

A handwritten date '12.31.2012' in black ink, written over a horizontal line.