

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

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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> |
|   | RAFAEL I. ALDAZ                        | 04/29/2010            |
|   | AURELIEN J.F. DAVID                    | 04/29/2010            |
| <b>RECEIVING PARTY DATA</b>   |  |                       |
| <b>Name:</b>  | PHILIPS LUMILEDS LIGHTING COMPANY, LLC |                       |
| <b>Street Address:</b>  | 370 W. TRIMBLE RD.                     |                       |
| <b>City:</b>  | SAN JOSE                               |                       |
| <b>State/Country:</b>   | CALIFORNIA                             |                       |
| <b>Postal Code:</b>   | 95131                                  |                       |
| <b>Name:</b>  | KONINKLIJKE PHILIPS ELECTRONICS N.V.   |                       |
| <b>Street Address:</b>  | GROENEWOUDSEWEG 1                      |                       |
| <b>City:</b>  | EINDHOVEN                              |                       |
| <b>State/Country:</b>   | NETHERLANDS                            |                       |
| <b>Postal Code:</b>   | 5621 BA                                |                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |                       |
| <b>Property Type</b>  | <b>Number</b>                          |                       |
| <b>Application Number:</b>  | 13348736                               |                       |
| <b>CORRESPONDENCE DATA</b>  |  |                       |
| <b>Fax Number:</b>  |  |                       |
| <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>Email:</b>   | dkerner@vklaw.com                      |                       |
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| <b>Address Line 4:</b>  | PHILADELPHIA, PENNSYLVANIA 19103       |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | LUMI-2010P00577US01                    |                       |
| <b>NAME OF SUBMITTER:</b>   | DAWN C. KERNER                         |                       |
| <b>SIGNATURE:</b>   | /Dawn C. Kerner/                       |                       |
| <b>DATE SIGNED:</b>   | 11/06/2017                             |                       |

**Total Attachments: 1**

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## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

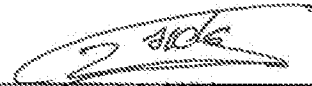
**Rafael I. Aldaz and Aurelien J. F. David**

hereby sell, assign and transfer to **Philips Lumileds Lighting Company, LLC**, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, CA 95131, and to **Koninklijke Philips Electronics N.V. et al.**, having a place of business at Groenewoudseweg 1, Eindhoven, The Netherlands, jointly, their successors and assigns, the entire right, title and interest throughout the world in our invention in

### **LIGHT EMITTING DEVICES WITH TRENCHES AND A TOP CONTACT**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named joint assignees to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said joint assignees, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named joint assignees, their successors and assigns.

Executed this 29<sup>th</sup> day of April, 2010.

  
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**Rafael I. Aldaz**

Executed this 27<sup>th</sup> day of April, 2010.

  
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**Aurelien J. F. David**