

## 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>Michael A. Tischler</td> <td>11/27/2012</td> </tr> <tr> <td>Calvin W. Sheen</td> <td>11/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael A. Tischler	11/27/2012	Calvin W. Sheen	11/27/2012				
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Michael A. Tischler	11/27/2012										
Calvin W. Sheen	11/27/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Cooledge Lighting, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>Unit 1A-3751 North Faser Way</td> </tr> <tr> <td>City:</td> <td>Burnaby, British Columbia</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>V5J 5G4</td> </tr> </table>		Name:	Cooledge Lighting, Inc.	Street Address:	Unit 1A-3751 North Faser Way	City:	Burnaby, British Columbia	State/Country:	CANADA	Postal Code:	V5J 5G4
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13684806</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13684806						
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Application Number:	13684806										
CORRESPONDENCE DATA											
Fax Number:	2023736001										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617-951-8000										
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NAME OF SUBMITTER:	Susan Lanney										
Total Attachments: 3 source=CUL-025 Assignment#page1.tif source=CUL-025 Assignment#page2.tif source=CUL-025 Assignment#page3.tif											

CH \$40.00 13684806

**PATENT APPLICATION**  
**Assignment**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

**MICHAEL A. TISCHLER**

**CALVIN W. SHEEN**

Who have created a certain invention for which an application for United States Letters Patent entitled **FORMATION OF PHOSPHOR REGIONS FOR BROAD-AREA LIGHTING SYSTEMS**, was filed at the U.S. Patent and Trademark Office on November 26, 2012 and assigned U.S. Patent Application Serial No. **13/684,806**.

Do hereby sell, assign and transfer to **Cooledge Lighting, Inc.** a corporation having a place of business at Unit 1A-3751 North Fraser Way, Burnaby, British Columbia, Canada, V5J 5G4, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Cooledge Lighting, Inc.** , hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

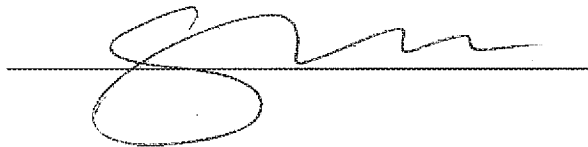
IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the date indicated below.

Nov 27, 2012  
Date:

  
MICHAEL A. TISCHLER

**Witness:**

Nov. 27, 2012  
Date:



27 November 2012  
Date:

  
CALVIN W. SHEEN

Witness:

Nov. 27, 2012  
Date:

