

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5018595

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
COOLEDGE LIGHTING INC.	06/06/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EPISTAR CORPORATION
<b>Street Address:</b>	5 LI-HSIN 5TH RD.
<b>Internal Address:</b>	SCIENCE-BASED INDUSTRIAL PARK
<b>City:</b>	HSINCHU
<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	300 R.O.C.
<b>PROPERTY NUMBERS Total: 35</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9209059
Patent Number:	8334152
Patent Number:	8445308
Patent Number:	8828759
Application Number:	15140042
Patent Number:	9478715
Patent Number:	8759125
Patent Number:	8629475
Patent Number:	8680558
Patent Number:	8748929
Patent Number:	8785960
Patent Number:	8884326
Patent Number:	9184351
Patent Number:	9276178
Patent Number:	8907362
Patent Number:	9190581
Patent Number:	9472732
Patent Number:	9343443
Patent Number:	9343444

Property Type	Number
Patent Number:	9741906
Patent Number:	9941448
Application Number:	15898348
Patent Number:	8847261
Patent Number:	8686625
Patent Number:	8766527
Patent Number:	9000663
Patent Number:	9246070
Patent Number:	8754435
Patent Number:	8659043
Patent Number:	8853729
Patent Number:	8722439
Patent Number:	8933479
Patent Number:	8933478
Patent Number:	9142738
Patent Number:	9425368

#### CORRESPONDENCE DATA

Fax Number: (713)623-4846

*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.*

Phone: 7136234844

Email: tjeffrey@pattersonsheridan.com,  
psdocketing@pattersonsheridan.com

Correspondent Name: PATTERSON & SHERIDAN, LLP

Address Line 1: 595 SHREWSBURY AVENUE

Address Line 2: SUITE 100

Address Line 4: SHREWSBURY, NEW JERSEY 07702

ATTORNEY DOCKET NUMBER:	EPIS/0001
NAME OF SUBMITTER:	KEITH TABOADA
SIGNATURE:	/Keith Taboada/
DATE SIGNED:	06/21/2018

#### Total Attachments: 3

source=Cooledge\_Epistar\_Assignment#page1.tif

source=Cooledge\_Epistar\_Assignment#page2.tif

source=Cooledge\_Epistar\_Assignment#page3.tif

**ASSIGNMENT****WHEREAS:**

**COOLEDGE LIGHTING INC.**, having a place of business located at 120-13551 Commerce Parkway Richmond BC V6V 2L1 Canada (hereinafter referred to as Assignors), have title to certain inventions, patents and patent applications identified in attached **Schedule A**:

**WHEREAS,**

**EPISTAR CORPORATION**, having a place of business located at 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu 300, Taiwan, R.O.C., (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said patents and patent applications (hereinafter referred to as **Patents**), and the inventions disclosed therein (hereinafter referred to as **Inventions**), and in and to all embodiments of the invention, and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said **Patents** and said **Inventions**; (b) in and to any and all applications filed and any and all patents granted in the United States which is a conventional, division, substitution, or continuation of said **Patents**; and (d) in and to each and every reissue or extension of any of said **Patents** in the United States. It is understood and agreed that said **Patents** do not include U.S. Patent Nos. 8,896,010, 9,236,502, 9,496,472, and 9,222,648 and all reissues, re-examinations, continuations, continuations-in-part, divisional and extensions thereof, whether pending, issued, abandoned, or filed after April 20, 2018.

2. Said Assignors hereby covenant and agree to reasonably cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said **Patents** and said **Inventions** herein conveyed in the United States. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent reasonably deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said **Patents**; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said **Invention**; (d) for filing and prosecuting applications for reissuance of any of said **Patents**; (e) for interference or other priority proceedings involving said **Invention**; and (f) for legal proceedings involving said **Invention** and any application therefore and any **Patents** granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that said Assignors shall be compensated by said Assignee for time expended under a rate and/or scope agreed by Assignors and Assignee, and reimbursed by said Assignee for all expenses incurred, by said Assignors in providing such cooperation.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby represents and warrants that: (a) it is the owner of all right, title and interest in said **Patents** and said **Inventions**, and that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Assignors hereby consent to the recordation of this assignment as desired by the Assignee, including with the United States Patent and Trademark Office (USPTO).

6. Assignor represents and warrants to the other Assignee that (a) it has the full right,

**PATENT**

**Cooledge/Epistar**

power, and authority to execute and deliver this Assignment; (b) it has taken all required corporate actions to approve and adopt this Agreement; (c) this Assignment upon execution is enforceable; and (d) the person or persons executing this Assignment on its behalf are authorized and empowered to do so.

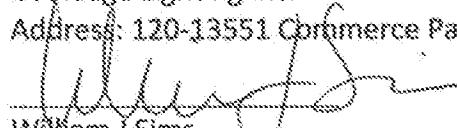
IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Entered on this day of June 6, 2018 for the Assignors:

6/6/18 US

Cooledge Lighting Inc.

Address: 120-13551 Commerce Parkway Richmond BC V6V 2L1 Canada

  
William J. Sims

Chief Executive Officer

**PATENT**

**REEL: 046169 FRAME: 0170**

**SCHEDULE A**

Filing date	US App. No.	US Patent No.	Title
12/13/2010	12/966992	US9209059	METHOD AND ELECTROSTATIC TRANSFER STAMP FOR TRANSFERRING SEMICONDUCTOR DICE USING ELECTROSTATIC TRANSFER PRINTING TECHNIQUES
12/14/2010	12/968275	US8334152	METHOD OF MANUFACTURING TRANSFERABLE ELEMENTS INCORPORATING RADIATION ENABLED LIFT OFF FOR ALLOWING TRANSFER FROM HOST SUBSTRATE
10/14/2011	13/273313	US8445308	ARRAY OF EDGE-PROFLED THICK PHOSPHOR DOTS AND METHOD OF MAKING SUCH PHOSPHOR DOTS
11/26/2012	13/684806	US8828759	FORMATION OF UNIFORM PHOSPHOR REGIONS FOR BROAD-AREA LIGHTING SYSTEMS
4/27/2016	15/140042	pending	FORMATION OF UNIFORM PHOSPHOR REGIONS FOR BROAD-AREA LIGHTING SYSTEMS
2/14/2014	14/180602	US9478715	DISCRETE PHOSPHOR CHIPS FOR LIGHT-EMITTING DEVICES AND RELATED METHODS
1/24/2013	13/748864	US8759125	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
2/15/2013	13/768267	US8629475	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
9/30/2013	14/041193	US8680558	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
11/20/2013	14/085046	US8748929	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
3/24/2014	14/222807	US8785960	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
3/25/2014	14/224467	US8884326	POLYMERIC BINDERS INCORPORATING LIGHT-DETECTING ELEMENTS AND RELATED METHODS
9/24/2014	14/495338	US9184351	POLYMERIC BINDERS INCORPORATING LIGHT-DETECTING ELEMENTS
2/17/2015	14/624096	US9276178	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
7/24/2013	13/949543	US8907362	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
9/24/2014	14/495313	US9190581	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
10/9/2015	14/879503	US 9472732	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
1/30/2015	14/610324	US9343443	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
3/18/2015	14/661742	US9343444	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
4/12/2016	15/096548	US9741906	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
7/12/2017	15/647,928	US9941448	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
2/16/2018	15/898,348	pending	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
3/14/2013	13/828498	US8847261	LIGHT-EMITTING DEVICES HAVING ENGINEERED PHOSPHOR ELEMENTS
4/16/2013	13/863926	US8866625	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
11/25/2013	14/088831	US8756527	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
2/20/2014	14/185229	US9000663	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
2/25/2015	14/631393	US9246070	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
2/19/2013	13/770432	US8754435	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
4/17/2013	13/864801	US8659043	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
10/11/2013	14/051577	US8853729	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
12/3/2013	14/095419	US8722439	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
3/17/2014	14/215963	US8933479	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
1/28/2014	14/166329	US8933478	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
11/7/2014	14/536148	US9142738	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
8/13/2015	14/825607	US9425368	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS