

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5046378

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
COMERICA BANK	07/11/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	COOLEGE LIGHTING INC.
<b>Street Address:</b>	C/O BELHEALTH INVESTMENT PARTNERS
<b>Internal Address:</b>	126 E. 56TH ST., 23RD FLR
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10022

**PROPERTY NUMBERS Total: 31**

Property Type	Number
Patent Number:	9209059
Patent Number:	8334152
Patent Number:	8445308
Patent Number:	8828759
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
Patent Number:	8847261

PATENT

Property Type	Number
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:** (858)550-6420

*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:** 858-550-6433

**Email:** jmfitzpatrick@cooley.com

**Correspondent Name:** JENNIFER FITZPATRICK

**Address Line 1:** C/O COOLEY LLP

**Address Line 2:** 4401 EASTGATE MALL

**Address Line 4:** SAN DIEGO, CALIFORNIA 92122

**ATTORNEY DOCKET NUMBER:** 036703-1763

**NAME OF SUBMITTER:** JENNIFER FITZPATRICK

**SIGNATURE:** /JENNIFER FITZPATRICK/

**DATE SIGNED:** 07/11/2018

#### Total Attachments: 11

source=Cooledge - Comerica Patent Release (Epistar assignment)#page1.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page2.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page3.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page4.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page5.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page6.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page7.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page8.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page9.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page10.tif  
source=Cooledge - Comerica Patent Release (Epistar assignment)#page11.tif

## RELEASE OF SECURITY INTEREST

This Release of Security Interest (this "Release") is made as of July 11, 2018 by COMERICA BANK, a Texas banking association ("Secured Party") in favor of COOLEDGE LIGHTING INC., a corporation incorporated under the laws of the Province of British Columbia ("Grantor") with a notice address of c/o BelHealth Investment Partners, LLC, 126 E. 56<sup>th</sup> Street, 23<sup>rd</sup> Floor, New York, NY 10022.

### Recital

WHEREAS Grantor granted to Secured Party a security interest in their Intellectual Property including the patents described on Exhibit A attached hereto (the "Intellectual Property") under an Intellectual Property Security Agreement dated as of November 27, 2015, as amended from time to time (the "Security Agreement") and recorded such security interest with the US Patent and Trademark Office on November 30, 2015 at Reel and Frame Number 037171/0512.

WHEREAS Grantor has entered into that certain Patent Purchase Agreement dated as of April 20, 2018 ("Purchase Agreement"), by and between Grantor and Epistar Corporation ("Buyer"), pursuant to which Grantor intends to sell, transfer, assign and convey certain assets to Buyer.


WHEREAS Grantor intends to assign the patents described on Exhibit A attached hereto (the "Released Intellectual Property") to Buyer pursuant to the terms of the Purchase Agreement.

### Agreement

Now therefore, Secured Party hereby terminates and releases its security interest in the Released Intellectual Property and reassigns to Grantor, without warranty or recourse, all interest of Secured Party in the Released Intellectual Property.

LENDER:

COMERICA BANK

  
Name: OVER AARVED  
Title: VP

200 Bay Street, South Tower, Royal Bank Plaza  
Suite 2210  
Toronto, Ontario Canada M5J 2J2

**EXHIBIT A**

**Released Intellectual Property**

**Patents**

**(See attached)**

# EXHIBIT A

## ASSIGNED PATENTS

Country	App. No.	Patent No.	Filing Date	Title
US		US9209059	12/13/10	METHOD AND ELECTROSTATIC TRANSFER STAMP FOR TRANSFERRING SEMICONDUCTOR DICE USING ELECTROSTATIC TRANSFER PRINTING TECHNIQUES
US		US8334152	12/14/10	METHOD OF MANUFACTURING TRANSFERABLE ELEMENTS INCORPORATING RADIATION ENABLED LIFT OFF FOR ALLOWING TRANSFER FROM HOST SUBSTRATE
US		US8445308	10/14/11	ARRAY OF EDGE-PROFIED THICK PHOSPHOR DOTS AND METHOD OF MAKING SUCH PHOSPHOR DOTS
US		US8828759	11/26/12	FORMATION OF UNIFORM PHOSPHOR REGIONS FOR BROAD-AREA LIGHTING SYSTEMS
US	15/140042	pending	04/27/16	FORMATION OF UNIFORM PHOSPHOR REGIONS FOR BROAD-AREA LIGHTING SYSTEMS
US		US9478715	02/14/14	DISCRETE PHOSPHOR CHIPS FOR LIGHT-EMITTING DEVICES AND RELATED METHODS
US		US8759125	01/24/13	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8629475	02/15/13	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8680558	09/30/13	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8748929	11/20/13	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8785960	03/24/14	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8884326	03/25/14	POLYMERIC BINDERS INCORPORATING LIGHT-DETECTING ELEMENTS AND RELATED METHODS
US		US9184351	09/24/14	POLYMERIC BINDERS INCORPORATING LIGHT-DETECTING ELEMENTS
US		US9276178	02/17/15	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8907362	07/24/13	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US9190581	09/24/14	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US 9472732	10/09/15	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
Korea	2014-7023601	pending	01/24/13	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
Korea	10-2016-7004733	pending	07/23/14	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS

Country	App. No.	Patent No.	Filing Date	Title
China	2014800523125	pending	07/23/14	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US	14/610324	US9343443	01/30/15	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US	14/661742	US9343444	03/18/15	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US	15/096548	US9741906	04/12/16	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US	15/647,928	US9941448	07/12/17	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US	15/898,348	pending	02/16/18	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS
US		US8847261	03/14/13	LIGHT-EMITTING DEVICES HAVING ENGINEERED PHOSPHOR ELEMENTS
US		US8686625	04/08/13	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8766527	11/25/13	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US9000663	02/20/14	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US9246070	02/25/15	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8754435	02/19/13	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8659043	04/17/13	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8853729	10/11/13	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8722439	12/03/13	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8933479	03/17/14	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US8933478	01/28/14	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US9142738	11/07/14	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
US		US9425368	08/13/15	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS
EU	EP3025379			LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS

Country	App. No.	Patent No.	Title	Status	Maintenance Fee Window	Maintenance Fee Paid Up	First day to pay	Last day to pay w/o surcharge	Last day to pay
US		US9209059	METHOD AND ELECTROSTATIC TRANSFER STAMP FOR TRANSFERRING SEMICONDUCTOR DICE USING ELECTROSTATIC TRANSFER PRINTING TECHNIQUES		3.5 year	Yes	08/12/2018		
US		US8334152	METHOD OF MANUFACTURING TRANSFERABLE ELEMENTS INCORPORATING RADIATION ENABLED LIFT OFF FOR ALLOWING TRANSFER FROM HOST SUBSTRATE		7.5 year	Yes	18/12/2019		
US		US8445308	ARRAY OF EDGE-PROFILED THICK PHOSPHOR DOTS AND METHOD OF MAKING SUCH PHOSPHOR DOTS		7.5 year	Yes	21/05/2020		
US		US8828759	FORMATION OF UNIFORM PHOSPHOR REGIONS FOR BROAD-		3.5 year	Open for Payment	09/09/2017	10/03/2018	10/09/2018

Country	App. No.	Patent No.	Title	Status	Maintenance Fee Window	Maintenance Fee Paid Up	First day to pay	Last day to pay w/o surcharge	Last day to pay
			AREA LIGHTING SYSTEMS						
US	15/140042	pending	FORMATION OF UNIFORM PHOSPHOR REGIONS FOR BROAD- AREA LIGHTING SYSTEMS	Awaiting first office action	N/A	N/A			
US		US9478715	DISCRETE PHOSPHOR CHIPS FOR LIGHT- EMITTING DEVICES AND RELATED METHODS		3.5 year	Yes	25/10/2019		
US		US8759125	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		7.5 year	Yes	24/06/2021		
US		US8629475	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		7.5 year	Yes	14/01/2021		
US		US8680558	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		7.5 year	Yes	25/03/2021		
US		US8748929	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		7.5 year	Yes	10/06/2021		

Country	App. No.	Patent No.	Title	Status	Maintenance	Maintenance	First day to pay	Last day to pay w/o surcharge	Last day to pay
					Fee Window	Fee Paid Up			
US		US8785960	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		7.5 year	Yes	22/07/2021		
US		US8884326	POLYMERIC BINDERS INCORPORATING LIGHT- DETECTING ELEMENTS AND RELATED METHODS		3.5 year	Open for Payment	11/11/2017	12/05/2018	13/11/2018
US		US9184351	POLYMERIC BINDERS INCORPORATING LIGHT- DETECTING ELEMENTS		3.5 year	Yes	10/11/2018		
US		US9276178	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	01/03/2019		
US		US8907362	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Open for Payment	09/12/2017	12/06/2018	10/12/2018
US		US9190581	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	17/11/2018		
US		US 9472732	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	18/10/2019		

Country	App. No.	Patent No.	Title	Status	Maintenance Fee Window	Maintenance Fee Paid Up	First day to pay	Last day to pay w/o surcharge	Last day to pay
Korea	2014-7023601	pending	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		N/A				
Korea	10-2016-7004733	pending	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS	request for examination due 7/23/19	N/A				
China	2014800523125	pending	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS	Replied to first office action on 9/3/2018	N/A				
US	14/610324	US9343443	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	17/05/2019		
US	14/661742	US9343444	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	17/05/2019		
US	15/096548	US9741906	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	22/08/2020		

Country	App. No.	Patent No.	Title	Status	Maintenance Fee Window	Maintenance Fee Paid Up	First day to pay	Last day to pay w/o surcharge	Last day to pay
US	15/647,928	US941448	LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS		3.5 year	Yes	10/04/2021		
US	15/898348		LIGHT-EMITTING DIES INCORPORATING WAVELENGTH-CONVERSION MATERIALS AND RELATED METHODS	Pending	N/A				
US		US847261	LIGHT-EMITTING DEVICES HAVING ENGINEERED PHOSPHOR ELEMENTS		3.5 year	Open for Payment	30/09/2017	31/03/2018	01/10/2018
US		US866625	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS		7.5 year	Yes	01/04/2021		
US		US8766527	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS		7.5 year	Yes	01/07/2021		
US		US9000663	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS		3.5 year	Open for Payment	07/04/2018	10/10/2018	
US		US9246070	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS		3.5 year	Yes	26/01/2019		
US		US8754435	ENGINEERED-PHOSPHOR LED PACKAGES AND RELATED METHODS		7.5 year	Yes	17/06/2021		

Country	App. No.	Patent No.	Title	Status	Maintenance	Maintenance	First day to pay	Last day to pay w/o surcharge	Last day to pay
					Fee Window	Fee Paid Up			
US		US8659043	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		7.5 year	Yes	25/02/2021		
US		US8853729	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		3.5 year	Open for Payment	07/10/2017	10/04/2018	09/10/2018
US		US8722439	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		7.5 year	Yes	13/05/2021		
US		US8933479	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		3.5 year	Open for Payment	13/01/2018	14/07/2018	14/01/2019
US		US8933478	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		3.5 year	Open for Payment	13/01/2018	14/07/2018	14/01/2019
US		US9142738	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		3.5 year	Yes	22/09/2018		
US		US9425368	ENGINEERED-PHOSPHOR RELATED PACKAGES AND RELATED METHODS		3.5 year	Yes	23/08/2019		
EU	EP3025379		LIGHT EMITTING DIES INCORPORATING WAVELENGTH- CONVERSION MATERIALS AND RELATED METHODS	This application was abandoned by Coolidge, but may be recoverable by Epstar after transfer. Coolidge will provide transfer of assignment, but does not				Last day to pay without additional fees is 31/7/18	Last day to pay with fees is 31/1/19

280096.00001/92061781.16

[illegible]

## PATENT

REEL: 046325 FRAME: 0116

**RECORDED: 07/11/2018**