#### 505297544 01/25/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5344321

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHIU-LIN YAO	06/09/2014
MIN-HSUN HSIEH	06/05/2014
BEEN-YU LIAW	06/10/2014
WEI-CHIANG HU	06/09/2014
PO-HUNG LAI	06/05/2014
CHUN-HUNG LIU	06/05/2014
SHIH-AN LIAO	06/05/2014
YU-HIS SUNG	06/05/2014
MING-CHI HSU	06/05/2014

### **RECEIVING PARTY DATA**

Name:	EPISTAR CORPORATION
Street Address: 5 LI-HSIN 5TH ROAD	
Internal Address: SCIENCE-BASED INDUSTRIAL PARK	
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16258281

#### CORRESPONDENCE DATA

Fax Number: (732)530-9808

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: 732-530-9404

Email: ktaboada@pattersonsheridan.com, psdocketing@psllp.com

PATTERSON & SHERIDAN - EPISTAR Correspondent Name:

Address Line 1: 24 GREENWAY PLAZA

Address Line 2: **SUITE 1600** 

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER: EPIS/0045USC02

REEL: 048143 FRAME: 0174 505297544

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[		
NAME OF SUBMITTER:	KEITH TABOADA	
SIGNATURE: /Keith Taboada/		
DATE SIGNED:	01/25/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9		
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Attorney Docket	No.	. EPIS/	
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#### ASSIGNMENT FOR APPLICATION FOR PATENT

#### WHEREAS:

Names and Addresses of Inventors:

1)	Chiu-Lin Yao 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	2)	Min-Hsun Hsieh 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
3)	Been-Yu Liaw 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	4)	Wei-Chiang Hu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
5)	Po-Hung Lai 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	6)	Chun-Hung Liu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
7)	Shih-An Liao 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	8)	Yu-His Sung 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
9)	Ming-Chi Hsu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

### **LIGHT-EMITTING DEVICE**

enclosed	herewith	ог	for	which	application	for	Letters	Patent	in	the	United	States	was	filed	on
•				, und	der Serial No	). <u></u>					; an	d			
								-							
N	/HEREAS	, Ep	ista	r Corpo	oration, a co	rpor	ation of	Taiwan,	Re	epubl	lic of Ch	ina, ha	ving a	a plac	e of
business	at 5 Li-Hs	in 5	i <sup>th</sup> R	d., Sci	ence-based	Indu	istrial Pa	rk. Hsir	nchi	i. Ta	iwan 30	00. R.O.	C (h	ereins	after

business at 5 Li-Hsin 5<sup>th</sup> Rd., Science-based Industrial Park, Hsinchu, Taiwan 300, R.O.C. (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

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 Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and

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every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. 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 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 applications; (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 the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 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 warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of Patterson & Sheridan, LLP, 595 Shrewsbury Avenue, Suite 100, Shrewsbury, NJ 07702 to insert above the filing date and/or Application No. of said application.
  - 6. This declaration is directed to the attached application, or (if following box is checked):

As a below named inventor, I hereby declare that:

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; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

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

1)	2014.06.09 (DATE)	Chin-Lin Jas	
ŕ	,	Chiu-Lin Yao	
2)	(DATE)		
		Min-Hsun Hsieh	

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3)	(DATE)	
		Been-Yu Liaw
4)	(DATE)	
.,	(=-,,	Wei-Chiang Hu
5)	(DATE)	
3)	(DATE)	Po-Hung Lai
		t o riding Ear
6)	(DATE)	
		Chun-Hung Liu
7)	(DATE)	
,	( , , , ,	Shih-An Liao
٥١	/F\ A TF!\	
8)	(DATE)	Yu-His Sung
		ru-mis Sung
9)	(DATE)	
		Ming-Chi Hsu

Attorney Docket No.	EPIS/
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#### ASSIGNMENT FOR APPLICATION FOR PATENT

#### WHEREAS:

Names and Addresses of Inventors:

1)	Chiu-Lin Yao 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	2)	Min-Hsun Hsieh 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
3)	Been-Yu Liaw 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	4)	Wei-Chiang Hu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
5)	Po-Hung Lai 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	6)	Chun-Hung Liu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
7)	Shih-An Liao 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	8)	Yu-His Sung 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
9)	Ming-Chi Hsu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

## LIGHT-EMITTING DEVICE

enclosed	herewith	or	for	which	application	for	Letters	Patent	in	the	United	States	was	filed	on:
					der Serial No						; and				

WHEREAS, Epistar Corporation, a corporation of Taiwan, Republic of China, having a place of business at 5 Li-Hsin 5<sup>th</sup> Rd., Science-based Industrial Park, Hsinchu, Taiwan 300, R.O.C. (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

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 Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and

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every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. 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 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 applications; (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 the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 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 warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of Patterson & Sheridan, LLP, 595 Shrewsbury Avenue, Suite 100, Shrewsbury, NJ 07702 to insert above the filing date and/or Application No. of said application.
  - 6. This declaration is directed to the attached application, or (if following box is checked):

As a below named inventor, I hereby declare that:

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; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

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

1)	(DATE)	Chiu-Lin Yao
2)	2014.6.( DATE)	Min-Heun Heich Min-Heun Heich

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3)	2014.6,10 (DATE)	Been - bu Lian
4)	2014, 6.9 (DATE)	Been-Yu Liaw  Wei - Chiant Hu  Wei-Chiang Hu
5)	(DATE)	Po-Hung Lai
6)	2014, 6.5 (DATE)	
7)	2014.6.5 (DATE)	Shih-An Liao Shih-An Liao
8)	2014, 6,5 (DATE)	Yu-His Sung Yu-His Sung
9)	>014, 6, 5 (DATE)	Ming-Chi Hsu

Attorney	Docket	No.	EPIS/	,

### ASSIGNMENT FOR APPLICATION FOR PATENT

### WHEREAS:

Names and Addresses of Inventors:

1)	Chiu-Lin Yao 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	2)	Min-Hsun Hsieh 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
3)	Been-Yu Liaw 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	4)	Wei-Chiang Hu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
5)	Po-Hung Lai 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	6)	Chun-Hung Liu 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
7)	Shih-An Liao 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300	8)	Yu-His Sung 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300
9)	Ming-Chi Hsu, 5, Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. 300		٠.

(hereinafter referred to as Assignors), have invented a certain invention entitled:

# **LIGHT-EMITTING DEVICE**

enclosed herewith or for which application for Letters Patent in the United States was filed, under Serial No; and	on
WHEREAS, Epistar Corporation, a corporation of Taiwan, Republic of China, having a plac business at 5 Li-Hsin 5 <sup>th</sup> Rd., Science-based Industrial Park, Hsinchu, Taiwan 300, R.O.C. (hereing referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to application (hereinafter referred to as Application), and the invention disclosed therein (hereing referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, mad discovered by said Assignors, and in and to any and all patents, inventor's certificates and other form protection (hereinafter referred to as Patents) thereon granted in any and all countries and group countries.	afte said afte le o
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by Assignors to have been received in full from said Assignee:	sai
1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all right apply for patents on said Invention in any and all countries pursuant to the International Convention the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any	ts to

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all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. 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 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 applications; (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 the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 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 warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of Patterson & Sheridan, LLP, 595 Shrewsbury Avenue, Suite 100, Shrewsbury, NJ 07702 to insert above the filing date and/or Application No. of said application.
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As a below named inventor, I hereby declare that:

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; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

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

1) <sup>!</sup>	(DATE)	;
	3	Chiu-Lin Yao
2)	(DATE)	
	:	

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3)	(DATE)	Been-Yu Liaw
4)	(DATE)	Deeth id Llaw
••	(2)(1)	Wei-Chiang Hu
5)	2014.06.05 (DATE)	Po-Hung Lat
	,	Po-Hung Lai
6)	(DATE)	
		Chun-Hung Liu
7)	(DATE)	
		Shih-An Liao
8)	(DATE)	
		Yu-His Sung
-9)	(DATE)	
		Ming-Chi Hsu

Min-Hsun Hsieh

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**RECORDED: 01/25/2019**