505054101 08/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ersion v1.1 EPAS ID: PAT5100856

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TZU-CHIEH HSU	02/25/2016
YI-WEN HUANG	02/25/2016
YI-HUNG LIN	03/01/2016
CHIH-CHIANG LU	02/25/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16106458

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/0073USC02
NAME OF SUBMITTER:	KEITH TABOADA
SIGNATURE:	/Keith Taboada/
DATE SIGNED:	08/21/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 505054101 REEL: 046648 FRAME: 0838

Total Attachments: 4

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PATENT REEL: 046648 FRAME: 0839

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

WHEREAS:

Names and Addresses of Inventors:

1)	Tzu-Chieh Hsu 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW	2)	Yi-Wen Huang 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW
3)	Yi-Hung Lin 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW	4)	Chih-Chiang Lu 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW

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

LIGHT-EMITTING DEVICE															
enclosed	herewith	or	for		application								was	filed	on
, under Serial No; and															

WHEREAS, Epistar Corporation, a corporation of Taiwan, Republic of China, having a place of business at 5 Li-Hsin 5th 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 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;

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- (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.

7 O Tzu-Chieh Hsu	
2) >016 > 75 (DATE) 4: - Won Hagen of	
Yi-Wen Huang	
3) (DATE) U	
No. 13	
4) 2016. 7. V (DATE) With - Ching Lu	
Chih-Chiang Lu	

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Attorney	Docket	Ma	FPIS/	
THEO: HOY		147	mr 1033	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Tzu-Chieh Hsu 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW	2)	Yi-Wen Huang 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW
3)	Yi-Hung Lin 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW	4)	Chih-Chiang Lu 5 Li-hsin 5th Rd., Science-based Industrial Park, Hsinchu, TW

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

LIGHT-EMITTING DEVICE															
enclosed	herewith	or	for		application		Letters	Patent	in	the			was	filed	on
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WHEREAS, Epistar Corporation, a corporation of Taiwan, Republic of China, having a place of business at 5 Li-Hsin 5th 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 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:

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PATENT REEL: 046648 FRAME: 0842

- (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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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)		
		Tzu-Chieh Hsu	
2)	(DATE)		
•		Yi-Wen Huang	
3)	2016, 03, 0 (DATE)	Yi-Hung Lin	
		Yi-Hung Lin	
4)	(DATE)		
•		Chih-Chiang Lu	

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RECORDED: 08/21/2018 REEL: 046648 FRAME: 0843