

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM403776

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Illumitex, Inc.		08/22/2016	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Silicon Valley Bank		
Street Address:	3003 Tasman Drive		
City:	Santa Clara		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 7			
Property Type	Number	Word Mark	
Registration Number:	3479411	ILLUMITEX	
Registration Number:	5012635	POWERHARVEST	
Registration Number:	4817476	NEOSOL	
Registration Number:	4739070	SUREXI	
Registration Number:	4747457	ARTAVI	
Registration Number:	4759266	ABEO	
Registration Number:	4019929	ADURO	
CORRESPONDENCE DATA			
Fax Number:	2146616804		
<i>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.</i>			
Phone:	214-953-6105		
Email:	dstolle@jw.com		
Correspondent Name:	David Stolle		
Address Line 1:	2323 Ross Avenue, Suite 600		
Address Line 4:	Dallas, TEXAS 75201		
ATTORNEY DOCKET NUMBER:	218803.00359		
NAME OF SUBMITTER:	David Stolle		
SIGNATURE:	/David Stolle/		

CH \$190.00 3479411

DATE SIGNED:	10/31/2016
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Total Attachments: 9

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- source=Illumitex IP Security Agreement (October 2016) (2)#page2.tif
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (“**Agreement**”) is entered into effective as of August 22, 2016 by and between **SILICON VALLEY BANK** (“**Bank**”) and **ILLUMITEX, INC.**, a Delaware corporation (“**Grantor**”).

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the “**Loans**”) in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated the Effective Date (as the same may be amended, modified or supplemented from time to time, the “**Loan Agreement**”; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the “**Intellectual Property Collateral**”), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the “**Copyrights**”);

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “**Patents**”);

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor

connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

**[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK
SIGNATURE PAGE FOLLOWS]**

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

ILLUMITEX, INC.,
a Delaware corporation

By: Carl Gallagher
Name: Carl Gallagher
Title: CFU

BANK:

SILICON VALLEY BANK

By: Zach Norris
Name: Zach Norris
Title: Vice President

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

EXHIBIT B

Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Separate Optical Device for Directing Light from an LED	11/649,018	01/03/07
Separate Optical Device for Directing Light from an LED	12/788,094	05/26/10
Separate Optical Device for Directing Light from an LED	13/113,803	05/23/11
Separate Optical Device for Directing Light from an LED	200780005975.1	01/03/07
LED System and Method	11/906,194	10/01/07
LED System and Method	11/906,219	10/01/07
System and Method for Emitter Layer Shaping	12/367,343	01/06/09
System and Method for Emitter Layer Shaping	12/795,484	06/07/10
Photon Tunneling Light Emitting Diodes and Methods	12/511,396	07/29/09
Photon Tunneling Light Emitting Diodes and Methods	PI2011000445	07/28/09
System and Method for Packaging Light-Emitting Diode Devices	12/636,280	12/11/09
System and Method for Phosphor Coated Lens	12/646,570	12/23/09
Plant Growth Lighting System and Method	13/404,907	02/24/12
System and Method for Color Mixing Lens Array	13/077,594	03/31/11

LED Homogenizer	13/243,857	09/23/11
High NA Optical System and Device	13/243,052	09/23/11
System and Method for Color Mixing Lens Array	14/057,768	10/18/13
LED Homogenizer	14/133,171	12/18/13

EXHIBIT C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Illumitex	3479411	8/5/08
Powerharvest	5012635	8/2/16
Neosol	4817476	9/22/15
Surexi	4739070	5/19/15
Artavi	4747457	6/2/15
Abeo	4759266	6/23/15
Aduro	4019929	8/30/11

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date