

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM441556

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
LUMENETIX, INC.		04/27/2016	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	WESTERN ALLIANCE BANK		
Street Address:	55 Almaden Blvd. Ste. 100		
City:	San Jose		
State/Country:	CALIFORNIA		
Postal Code:	95113		
Entity Type:	Corporation: ARIZONA		
PROPERTY NUMBERS Total: 10			
Property Type	Number	Word Mark	
Registration Number:	4705451	DYNAMIC DIMMING MODULE	
Registration Number:	4705450	DYNAMIC DIMMING	
Registration Number:	4081190	LUMENETIX	
Registration Number:	4071131	THERMALOK	
Serial Number:	86082422	SCENESET	
Serial Number:	86501308	ELECTRIC SUNLIGHT	
Serial Number:	86695833	LIGHT FOR LIVING	
Serial Number:	86714752	GOOD LIGHT IS A RIGHT	
Serial Number:	86714216	LIGHT FOR LIFE	
Serial Number:	85775151	COLOR IS HOW YOU LIGHT IT	
CORRESPONDENCE DATA			
Fax Number:	4088524475		
<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:	4088417195		
Email:	dsanchezbentz@vlplawgroup.com		
Correspondent Name:	Diana Sanchez Bentz		
Address Line 1:	VLP Law Group LLP		
Address Line 2:	235 Victoria Dr.		
Address Line 4:	Gilroy, CALIFORNIA 95020		

OP \$265.00 4705451

NAME OF SUBMITTER:	Diana Sanchez Bentz
SIGNATURE:	/dsb1068/
DATE SIGNED:	08/31/2017
Total Attachments: 8 source=(WAB-Lumenetix) IPSA_4-27-2016#page1.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page2.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page3.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page4.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page5.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page6.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page7.tif source=(WAB-Lumenetix) IPSA_4-27-2016#page8.tif	

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of April 27, 2016 (the "Agreement") between WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") and LUMENETIX, INC., a Delaware corporation ("Grantor") is made with reference to the Business Financing Agreement, dated as of April 27, 2016 (as amended from time to time, the "Financing Agreement"), between Lender and Grantor. Terms defined in the Financing Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Financing Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) 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 (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) 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 Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all Intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement 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) 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) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

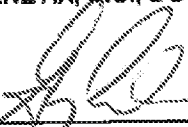
(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Financing Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Financing Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

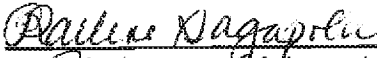
LUMENETIX, INC., a Delaware corporation

By: 
Name: Greg Johnson
Title: CEO

Address for Notices:
Attn:
4742 Scotts Valley Drive
Scotts Valley, CA 95065
Fax:

LENDER:

WESTERN ALLIANCE BANK, an Arizona corporation

By: 
Name: Paoline Nagapolu
Title: VP-Relationship Manager

Address for Notices:
Attn:
55 Almaden Blvd. Ste. 100
San Jose, CA 95113
Tel: (408) 423-8500
Fax: (408) 423-8520

EXHIBIT A
COPYRIGHTS

Please Check if No Copyrights Exist

<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Preregistered?</u>

Exhibit B
TRADEMARKS

Please Check if No Trademarks Exist

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>UPTO Reference Number:</u>	<u>Filing Date:</u>
SCENESET	86082422			10/03/2013
ELECTRIC SUNLIGHT	86501308			01/12/2015
LIGHT FOR LIVING	86695833			07/16/2015
GOOD LIGHT IS A RIGHT	86714752			08/04/2015
LIGHT FOR LIFE	86714216			08/04/2015
DYNAMIC DIMMING MODULE	86030685	4705451		08/06/2013 03/17/2015
DYNAMIC DIMMING	86030679	4705450		08/06/2013 03/17/2015
COLOR IS HOW YOU LIGHT IT	85775151			11/08/2012
LUMENETIX	85180247	4081190		11/18/2010 01/03/2012
THERMALOK	77870660	4071131		11/11/2009 12/13/2011

EXHIBIT C

PATENTS

Please Check if No Patents Exist

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
CASCADE LED DRIVER AND CONTROL METHODS		20140265889 13/892171	Published	09/18/2014 05/10/2013
LINEAR BYPASS ELECTRICAL CIRCUIT FOR DRIVING LED STRINGS	8,907,576	20140210361 13/868984	Issued	12/09/2014 07/31/2014 04/23/2013
MECHANICAL ATTACHMENT SYSTEM FOR LINEAR LIGHT MODULES	9,133,989	20140169027 13/843524	Issued	09/15/2015 06/19/2014 03/15/2013
THERMAL PATH FOR HEAT DISSIPATION IN A LINEAR LIGHT MODULE		20140169026 13/843443	Published	06/19/2014 03/15/2013
SYSTEM AND METHOD FOR MIXING AND GUIDING LIGHT EMITTED FROM LIGHT EMITTING DIODES TO A LIGHT PIPE FOR EMISSION IN A LINEAR CONFIGURATION		20140169025 13/843328	Published	06/19/2014 03/15/2013
LIGHT DIFFUSERS AND METHODS FOR MANUFACTURING		20140168777 13/843659	Published	06/19/2014 03/15/2013
SYSTEM AND METHOD FOR COMMUNICATION AMONG LINEAR LIGHT MODULES IN A LIGHTING SYSTEM		20140167617 13/843597	Published	06/19/2014 03/15/2013
SYSTEM AND METHOD FOR COLOR TUNING LIGHT OUTPUT FROM AN LED-BASED LAMP	9,089,032	20130234602 13/766695	Issued	03/15/2016 09/12/2013 02/13/2013
LED COLOR CHANNELS INCLUDING PHOSPHOR-BASED LEDS FOR HIGH LUMINOUS EFFICACY LIGHT SOURCE		20130221873 13/770595	Published	08/29/2013 02/19/2013
EXPERT SYSTEM FOR ESTABLISHING A COLOR MODEL FOR AN LED-BASED LAMP	9,288,865	20130221857 13/766707	Issued	07/21/2015 08/29/2013 02/13/2013
MOBILE DEVICE APPLICATION FOR REMOTELY CONTROLLING AN LED-BASED LAMP	9,060,409	20130221852 13/766745	Issued	06/16/2015 08/29/2013 02/13/2013

LIGHTING AND CONTROL SYSTEMS AND METHODS	9,143,697	20130214687 13/848628	Issued	09/22/2015 08/22/2013 03/21/2013
LINEAR BYPASS ELECTRICAL CIRCUIT FOR DRIVING LED STRINGS	8,917,026	20130207559 13/717594	Issued	12/23/2014 08/15/2013 12/17/2012
SYSTEM AND METHOD FOR MIXING LIGHT EMITTED FROM AN ARRAY HAVING DIFFERENT COLOR LIGHT EMITTING DIODES		20130201676 13/367187	Published	08/08/2013 02/06/2012
METHODS FOR COMMUNICATION BETWEEN A LIGHTING NODE AND A CONTROLLER	8,787,765	20130049605 13/655738	Issued	07/22/2014 02/28/2013 10/19/2012
LIGHTING NODE SYSTEMS AND METHODS	8,909,056	20130043809 13/655679	Issued	12/09/2014 02/21/2013 10/19/2012
LIGHTING AND CONTROL SYSTEMS AND METHODS	8,594,505	20130020947 13/627926	Issued	11/26/2013 01/24/2013 09/26/2012
LED LAMP ASSEMBLY WITH THERMAL MANAGEMENT SYSTEM		20120307500 13/403853	Published	12/06/2012 02/23/2012
HEAT REMOVAL SYSTEM AND METHOD FOR LIGHT EMITTING DIODE LIGHTING APPARATUS		20120099332 13/284773	Published	04/26/2012 10/28/2011
THERMAL STORAGE SYSTEM USING ENCAPSULATED PHASE CHANGE MATERIALS IN LED LAMPS	8,427,036	20110303946 13/171302	Issued	04/23/2013 12/15/2011 06/28/2011
LED LAMP ASSEMBLY WITH THERMAL MANAGEMENT SYSTEM	8,123,389	20110134645 12/757793	Issued	02/28/2012 06/09/2011 04/09/2010
LAMP COLOR MATCHING AND CONTROL SYSTEMS AND METHODS		20110109445 12/982038	Published	05/12/2011 05/18/2010
System and method for mixing light for a LED-based linear light source	9,175,816	13/918798	Issued	11/03/2015 06/14/2013
Methods of selecting one or more phase change materials to match a working temperature of a light-emitting diode to be	9,102,857	12/237313	Issued	08/11/2015 09/24/2008

cooled				
Thermal dissipation structure for light emitting diode	8,960,964	13/367187	Issued	02/24/2015 02/06/2012
Lamp color matching and control systems and methods	8,796,948	12/782038	Issued	08/05/2014 05/18/2010
LED lamp assembly with thermal management system	8,783,894	13/403853	Issued	07/22/2014 02/23/2012
Heat removal system and method for light emitting diode lighting apparatus	8,632,227	13/284773	Issued	01/21/2014 10/28/2011
System and method for active cooling utilizing a resonant shear technique	8,596,337	12/393988	Issued	12/03/2013 02/26/2009
Electrical circuit for driving LEDs in dissimilar color string lengths	8,531,128	13/162501	Issued	09/10/2013 06/16/2011
Lighting and control systems and methods	8,442,403	12/396399	Issued	05/14/2013 03/02/2009
LED optical lens	8,136,967	12/392897	Issued	03/20/2012 02/25/2009
Heat removal system and method for light emitting diode lighting apparatus	8,047,690	12/892696	Issued	11/01/2011 09/28/2010
Electrical circuit for driving LEDs in dissimilar color string lengths	7,986,107	12/370545	Issued	07/26/2011 02/12/2009
Thermal storage system using encapsulated phase change materials in LED lamps	7,969,075	12/368936	Issued	06/28/2011 02/10/2009
Heat removal system and method for light emitting diode lighting apparatus	7,810,965	12/370521	Issued	10/12/2010 02/12/2009