

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

Assignment ID: PATI90546

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lutron Ketra, LLC	12/18/2020
RECEIVING PARTY DATA	
Company Name:	Lutron Technology Company LLC
Street Address:	7200 Suter Road
City:	Coopersburg
State/Country:	PENNSYLVANIA
Postal Code:	18036
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	18413457
Application Number:	18161121
Application Number:	17556122
Application Number:	17136922
CORRESPONDENCE DATA	
Fax Number:	
<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:	6102827370
Email:	patents@lutron.com,fgangi@lutron.com
Correspondent Name:	Felicia Gangi
Address Line 1:	7200 Suter Road
Address Line 4:	Coopersburg, PENNSYLVANIA 18036
ATTORNEY DOCKET NUMBER:	2018-00106-P2 CT3 - CT6
NAME OF SUBMITTER:	Felicia Gangi
SIGNATURE:	Felicia Gangi
DATE SIGNED:	03/13/2024
Total Attachments: 24	
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PATENT ASSIGNMENT

This Patent Assignment (this “**Assignment**”), is made effective as of December 31, 2020, by and between Lutron Ketra, LLC, a Delaware limited liability company (“**Assignor**”), and Lutron Technology Company LLC, a Delaware limited liability company (“**Assignee**”).

WHEREAS, Assignor and Assignee have entered into that certain Agreement effective as of December 31, 2020 (as it may be amended, supplemented or modified from time to time, the “**Agreement**”), under which, among other things, Assignor assigned and transferred to Assignee all of Assignor’s right, title and interest in and to all of its issued patents, patent applications, and patent-related rights (the “**Transferred Patents**”), including without limitation those set forth on Exhibit A; and

WHEREAS, the parties now wish to execute this Assignment to further evidence the assignment of the Transferred Patents to Assignee.

NOW, THEREFORE, in consideration of the mutual covenants, conditions and agreements set forth herein and in the Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Assignment. Assignor hereby assigns, transfers and conveys to Assignee in perpetuity, and Assignee hereby accepts, any and all right, title and interest, whether now or hereafter existing, in and to the Transferred Patents other than any past or currently pending claims or causes of action, whether known or unknown, or other enforcement rights under, or on account of, any of the Transferred Patents, including, without limitation, all causes of action and other enforcement rights for (i) past and current damages and costs, (ii) injunctive relief, and (iii) any other remedies of any kind for past or current infringement. As part of such assignment, Assignor assigns, transfers and conveys to Assignee, for Assignee’s own use and enjoyment and for the use and enjoyment of Assignee’s successors, assigns and other legal representatives, as fully as the same would have been held and enjoyed by Assignor if this Assignment had not been made, the following:

(a) all patents and patent applications (i) to which any of the Transferred Patents directly or indirectly claims priority and (ii) for which any of the Transferred Patents directly or indirectly forms a basis for priority;

(b) all provisionals, non-provisionals, reissues, reexaminations, extensions, continuations, continuations in part, divisionals, continuing prosecution applications and registrations of any of the Transferred Patents and/or any item in the foregoing category (a);

(c) all rights to claim priority from, and all foreign counterpart patents and foreign counterpart patent applications relating to and/or directly or indirectly claiming priority from, any of the Transferred Patents and/or any item in any of the foregoing categories (a) through (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection and any other governmental grants or issuances;

(d) all patent-related rights in inventions, invention disclosures, designs and discoveries disclosed or claimed in the Transferred Patents and/or any item in any of the foregoing categories (a) through (c);

(e) all right, title and interest Assignor acquired in the Transferred Patents and/or any item in any of the foregoing categories (a) through (d) by way of any agreements assigning ownership of any of the foregoing from the inventors and/or prior owners to Assignor;

(f) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections or other governmental grants or issuances of any type related to any of the Transferred Patents and/or any item in any of the foregoing categories (a) through (e), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty or any other similar convention, treaty, agreement or understanding;

(g) for any Transferred Patent and/or any item in any of the foregoing categories (a) through (f) terminally disclaimed to another patent or patent application, all patents and patent applications subject to any such terminal disclaimer;

(h) all patents that issue from any of the Transferred Patents and/or any item in any of the foregoing categories (a) through (g);

(i) all of Assignor's right, title and interest to all future causes of action and all other future enforcement rights under, or on account of, any of the Transferred Patents and/or any item in any of the foregoing categories (a) through (h), including, without limitation, all future causes of action and other future enforcement rights for (i) future damages, (ii) future injunctive relief, and (iii) any other remedies of any kind for future infringement, including all rights afforded under 35 U.S.C. § 154(d); and

(j) all rights to collect royalties and other payments under or on account of any of the Transferred Patents and/or any item in any of the foregoing categories (a) through (i).

2. Recordation. Assignor hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office, and the corresponding entities or agencies in each applicable foreign country or multinational authority, to: (a) record Assignee as the assignee and owner of the entire interest in the Transferred Patents or other rights identified in this Assignment; (b) deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Assignment; and (c) issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Transferred Patents or other rights identified in this Assignment in the name of Assignee, as the assignee to the entire interest therein.

3. Further Assurances. At any time and from time to time after the date hereof, Assignor shall promptly execute and deliver such other instruments of sale, transfer, conveyance, assignment, assumption and confirmation, and take such other action as Assignee may reasonably request to carry out the purpose and intent of this Assignment, including any act necessary or desirable for obtaining, sustaining or reissuing any registrations for the Transferred Patents and any other rights identified in this Assignment, and to transfer, convey, assign and deliver to Assignee the title in and to the Transferred Patents and other rights identified in this Assignment, and to confirm Assignee's acceptance, assumption and undertaking with respect thereto.

4. Agreement. Nothing herein shall be deemed to extend or amplify the rights, remedies, duties and obligations of Assignee or Assignor under the Agreement and, to the extent that there is any conflict between the terms and conditions of this Assignment and the terms and conditions of the Agreement, the terms and conditions of the Agreement shall govern, supersede and prevail.

5. Miscellaneous.

(a) Headings. The headings contained in this Assignment are intended solely for convenience and shall not affect the rights of the parties to this Assignment.

(b) Governing Law. This Assignment and any claim or controversy hereunder shall be governed by and construed in accordance with the laws of the State of Delaware without giving effect to the principles of conflict of laws thereof.

(c) Counterparts and Facsimile Signatures. This Assignment may be signed in any number of counterparts with the same effect as if the signatures to each counterpart were upon a single instrument, and all such counterparts together shall be deemed an original of this Assignment. Delivery of an executed counterpart of this Assignment by facsimile transmission or by electronic mail in portable document format (.pdf) shall be as effective as delivery of a manually executed counterpart hereof.

(d) Amendments. This Assignment shall not be amended except by an instrument in writing signed on behalf of each of the parties.

(e) Successors and Assigns. This Assignment is executed by, shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective successors and assigns for the uses and purposes above set forth.

[The remainder of this page intentionally left blank.]

ASSIGNEE:

LUTRON TECHNOLOGY COMPANY LLC

By: [Signature]
Name: Walter S. Peake
Title: Secretary / Treasurer

ACKNOWLEDGEMENT

State of Pennsylvania

County of Lehigh)

On December 18 2020, before me, Erinne R. Schmalzer, the undersigned, a Notary Public for the state, personally appeared Walter S. Peake, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]

Commonwealth of Pennsylvania - Notary Seal
Erinne R. Schmalzer, Notary Public
Lehigh County
My commission expires June 5, 2024
Commission number 1367686
Member, Pennsylvania Association of Notaries

IN WITNESS WHEREOF, the parties hereto have duly executed and delivered this Assignment as of the date first written above.

ASSIGNOR:

LUTRON KETRA, LLC

By: Melanie S Goddard
Name: Melanie S Goddard
Title: Secretary

State of Pennsylvania

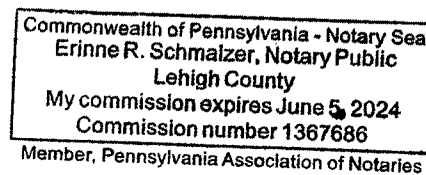
County of Lehigh

On December 18 2020, before me, Erinne R. Schmalzer, the undersigned, a Notary Public for the state, personally appeared Melanie S. Goddard, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Erinne R. Schmalzer



[Signature Page to Patent Assignment]

PATENT
REEL: 066795 FRAME: 0198

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	United States	September 5, 2008	61/094,595		OPTICAL COMMUNICATION DEVICE, METHOD AND SYSTEM
	United States	July 12, 2009	61/224,904		INTELLIGENT ILLUMINATION DEVICE
	United States	August 5, 2009	61/273,518		DISPLAY AND OPTICAL POINTER SYSTEMS AND RELATED METHODS
	United States	August 5, 2009	61/273,536		DISPLAY CALIBRATION SYSTEMS AND METHODS
	United States	September 30, 2009	61/277,871		LED CALIBRATION SYSTEMS AND METHODS
	United States	November 12, 2009	61/281,046		LED CALIBRATION SYSTEMS AND METHODS
	United States	January 19, 2020	61/336,242		ILLUMINATION DEVICES AND RELATED SYSTEMS AND METHODS
	United States	March 2, 2010	61/339,273		SYSTEMS AND METHODS FOR VISIBLE LIGHT COMMUNICATION
	United States	February 21, 2012	61/601,153		VISIBLE LIGHT COMMUNICATION AND CONTROL OF ONE OR MORE REMOTE CONTROLLABLE DEVICES
	United States	October 3, 2013	61/886,471		COLOR MIXING OPTICS FOR LED ILLUMINATION DEVICE
	United States	June 22, 2018	62/688,746		CALIBRATION PROCEDURE FOR A LIGHT-EMITTING DIODE LIGHT SOURCE
	United States	June 25, 2018	62/689,642		CALIBRATION PROCEDURE FOR A LIGHT-EMITTING DIODE LIGHT SOURCE
	United States	November 14, 2018	62/767,416		ILLUMINATION DEVICE AND METHOD HAVING AN INTERIM OPERABLE STATE WHEN ENCOUNTERING SPURIOUS EMITTER OUTPUT DISRUPTIONS
	United States	December 17, 2018	62/780,681		LIGHT SOURCE HAVING MULTIPLE DIFFERENTLY-COLORED EMITTERS
	United States	July 14, 2020	63/051,492		LIGHTING CONTROL SYSTEM WITH LIGHT SHOW OVERRIDES
	United States	March 31, 2020	63/003,138		COLOR TEMPERATURE CONTROL OF A LIGHTING FIXTURE
	United States	May 8, 2020	63/022,095		COLOR TEMPERATURE CONTROL OF A LIGHTING FIXTURE
	United States	July 31, 2020	63/059,745		LINEAR LIGHTING DEVICE
	United States	December 10, 2020	63/123,827		LINEAR LIGHTING DEVICE

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	United States	March 31, 2020	63/003,165		POWER CONVERTER CIRCUIT FOR A LIGHTING DEVICE
	United States	October 30, 2020	63/108,100		POWER CONVERTER CIRCUIT FOR A LIGHTING DEVICE
8,179,787	United States	January 27, 2009	12/360,467	May 15, 2012	FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
8,886,047	United States	September 1, 2009	12/584,143	November 11, 2014	OPTICAL COMMUNICATION DEVICE, METHOD AND SYSTEM
9,509,525	United States	July 7, 2010	12/803,805	November 29, 2016	INTELLIGENT ILLUMINATION DEVICE
	United States	August 5, 2010	12/806,114		DISPLAY AND OPTICAL POINTER SYSTEMS AND RELATED METHODS
8,456,092	United States	August 5, 2010	12/806,113	June 4, 2013	BROAD SPECTRUM LIGHT SOURCE CALIBRATION SYSTEMS AND RELATED METHODS
8,471,496	United States	August 5, 2010	12/806,121	June 25, 2013	LED CALIBRATION SYSTEMS AND RELATED METHODS
8,521,035	United States	August 5, 2010	12/806,126	August 27, 2013	SYSTEMS AND METHODS FOR VISIBLE LIGHT COMMUNICATION
8,773,336	United States	August 5, 2010	12/806,118	July 8, 2014	ILLUMINATION DEVICES AND RELATED SYSTEMS AND METHODS
9,276,766	United States	August 5, 2010	12/806,117	March 1, 2016	DISPLAY CALIBRATION SYSTEMS AND RELATED METHODS
8,674,913	United States	September 30, 2010	12/924,628	March 18, 2014	LED TRANSCEIVER FRONT END CIRCUITRY AND RELATED METHODS
8,749,172	United States	July 8, 2011	13/178,686	June 10, 2014	LUMINANCE CONTROL FOR ILLUMINATION DEVICES
	United States	September 13, 2011	13/231,077		LIGHTING CONTROL SYSTEM
	United States	April 20, 2012	13/451,908		FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
10,210,750	United States	February 21, 2013	13/773,322	February 19, 2019	SYSTEM AND METHOD OF EXTENDING THE COMMUNICATION RANGE IN A VISIBLE LIGHT COMMUNICATION SYSTEM
9,237,620	United States	August 20, 2013	13/970,944	January 12, 2016	ILLUMINATION DEVICE AND TEMPERATURE COMPENSATION METHOD

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
9,578,724	United States	August 20, 2013	13/970,990	February 21, 2017	ILLUMINATION DEVICE AND METHOD FOR AVOIDING FLICKER
9,651,632	United States	August 20, 2013	13/970,964	May 16, 2017	ILLUMINATION DEVICE AND TEMPERATURE CALIBRATION METHOD
9,146,028	United States	December 5, 2013	14/097,355	September 29, 2015	LINEAR LED ILLUMINATION DEVICE WITH IMPROVED ROTATIONAL HINGE
9,360,174	United States	December 5, 2013	14/097,339	June 7, 2016	LINEAR LED ILLUMINATION DEVICE WITH IMPROVED COLOR MIXING
9,167,666	United States	June 2, 2014	14/293,104	October 20, 2015	LIGHT CONTROL UNIT WITH DETACHABLE ELECTRICALLY COMMUNICATIVE FACEPLATE
	United States	June 16, 2014	14/305,456		ILLUMINATION DEVICES AND RELATED SYSTEMS AND METHODS
9,295,112	United States	June 16, 2014	14/305,472	March 22, 2016	ILLUMINATION DEVICES AND RELATED SYSTEMS AND METHODS
10,161,786	United States	June 25, 2014	14/314,482	December 25, 2018	EMITTER MODULE FOR AN LED ILLUMINATION DEVICE
9,392,663	United States	June 25, 2014	14/314,580	July 12, 2016	ILLUMINATION DEVICE AND METHOD FOR CONTROLLING AN ILLUMINATION DEVICE OVER CHANGES IN DRIVE CURRENT AND TEMPERATURE
9,557,214	United States	June 25, 2014	14/314,451	January 31, 2017	ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME
9,736,903	United States	June 25, 2014	14/314,556	August 15, 2017	ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AND CONTROLLING AN ILLUMINATION DEVICE COMPRISING A PHOSPHOR CONVERTED LED
9,769,899	United States	June 25, 2014	14/314,530	September 19, 2017	ILLUMINATION DEVICE AND AGE COMPENSATION METHOD
9,392,660	United States	August 28, 2014	14/471,057	July 12, 2016	LED ILLUMINATION DEVICE AND CALIBRATION METHOD FOR ACCURATELY CHARACTERIZING THE EMISSION LEDS AND PHOTODETECTOR(S) INCLUDED WITHIN THE LED ILLUMINATION DEVICE
9,510,416	United States	August 28, 2014	14/471,081	November 29, 2016	LED ILLUMINATION DEVICE AND METHOD FOR ACCURATELY CONTROLLING THE INTENSITY AND COLOR POINT OF THE ILLUMINATION DEVICE OVER TIME

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
9,500,324	United States	September 2, 2014	14/474,408	November 22, 2016	COLOR MIXING OPTICS FOR LED LIGHTING
9,736,895	United States	October 3, 2014	14/505,671	August 15, 2017	COLOR MIXING OPTICS FOR LED ILLUMINATION DEVICE
9,155,155	United States	October 9, 2014	14/510,212	October 6, 2015	OVERLAPPING MEASUREMENT SEQUENCES FOR INTERFERENCE- RESISTANT COMPENSATION IN LIGHT EMITTING DIODE DEVICES
9,247,605	United States	October 9, 2014	14/510,243	January 26, 2016	INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES
9,332,598	United States	October 9, 2014	14/510,283	May 3, 2016	INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES HAVING MULTIPLE EMITTER MODULES
9,345,097	United States	October 9, 2014	14/510,266	May 17, 2016	INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES USING MULTIPLE SERIES OF MEASUREMENT INTERVALS
9,458,972	United States	October 17, 2014	14/516,818	October 4, 2016	ASYMMETRIC LINEAR LED LUMINAIRE DESIGN FOR UNIFORM ILLUMINANCE AND COLOR
9,386,668	United States	December 17, 2014	14/573,207	July 5, 2016	LIGHTING CONTROL SYSTEM
9,237,612	United States	January 26, 2015	14/604,886	January 12, 2016	ILLUMINATION DEVICE AND METHOD FOR DETERMINING A TARGET LUMENS THAT CAN BE SAFELY PRODUCED BY AN ILLUMINATION DEVICE AT A PRESENT TEMPERATURE
9,237,623	United States	January 26, 2015	14/604,881	January 12, 2016	ILLUMINATION DEVICE AND METHOD FOR DETERMINING A MAXIMUM LUMENS THAT CAN BE SAFELY PRODUCED BY THE ILLUMINATION DEVICE TO ACHIEVE A TARGET CHROMATICITY
9,485,813	United States	January 26, 2015	14/604,870	November 1, 2016	ILLUMINATION DEVICE AND METHOD FOR AVOIDING AN OVER-POWER OR OVER-CURRENT CONDITION IN A POWER CONVERTER

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	United States	January 19, 2016	15/000,469		TOTAL INTERNAL REFLECTION LENS HAVING A STRAIGHT SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO IMPROVE COLOR MIXING OF AN LED LIGHT SOURCE
10,736,187	United States	February 3, 2016	15/014,790	August 4, 2020	ILLUMINATION DEVICE AND METHOD FOR DECOUPLING POWER DELIVERED TO AN LED LOAD FROM A PHASE-CUT DIMMING ANGLE
9,655,178	United States	February 3, 2016	15/014,925	May 16, 2017	DEVICE AND METHOD FOR REMOVING TRANSIENT AND DRIFT FROM AN AC MAIN SUPPLIED TO A DC-CONTROLLED LED LOAD
9,655,188	United States	February 3, 2016	15/014,899	May 16, 2017	ILLUMINATION DEVICE AND METHOD FOR INDEPENDENTLY CONTROLLING POWER DELIVERED TO A LOAD FROM DIMMERS HAVING DISSIMILAR PHASE-CUT DIMMING ANGLES
9,655,214	United States	February 11, 2016	15/041,166	May 16, 2017	DEVICE, SYSTEM AND METHOD FOR CONTROLLING VISUAL CONTENT LOADED INTO A GROUPED SET OF ILLUMINATION DEVICES CONFIGURED WITHIN A WIRELESS NETWORK
9,655,215	United States	February 11, 2016	15/041,300	May 16, 2017	SYSTEM AND METHOD FOR ENSURING MINIMAL CONTROL DELAY TO GROUPED ILLUMINATION DEVICES CONFIGURED WITHIN A WIRELESS NETWORK
10,371,329	United States	April 1, 2016	15/088,922	August 6, 2019	RECESSED DOWNLIGHT FIXTURE AND METHOD FOR INSTALLING THE FIXTURE AND ADJUSTING THE FIXTURE COLLAR OPENING
9,822,957	United States	April 1, 2016	15/088,813	November 21, 2017	RECESSED DOWNLIGHT FIXTURE AND METHOD FOR INSTALLING AND UNIVERSALLY ADJUSTING THE FIXTURE IN A RETROFIT APPLICATION
9,857,038	United States	April 1, 2016	15/088,864	January 2, 2018	RECESSED DOWNLIGHT FIXTURE AND METHOD FOR INSTALLING AND UNIVERSALLY ADJUSTING THE FIXTURE IN A NEW CONSTRUCTION APPLICATION

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
9,668,314	United States	April 28, 2016	15/141,555	May 30, 2017	LINEAR LED ILLUMINATION DEVICE WITH IMPROVED COLOR MIXING
9,674,917	United States	September 14, 2016	15/265,422	June 6, 2017	ILLUMINATION SYSTEM AND METHOD THAT PRESENTS A NATURAL SHOW TO EMULATE DAYLIGHT CONDITIONS WITH SMOOTHING DIMCURVE MODIFICATION THEREOF
9,795,000	United States	September 14, 2016	15/264,863	October 17, 2017	ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED CHANGES IN EXTERIOR DAYLIGHT AMONG SELECT GROUPS OF ILLUMINATING DEVICES PLACED IN VARIOUS ROOMS OF A STRUCTURE
9,848,482	United States	October 18, 2016	15/296,258	December 19, 2017	INTELLIGENT ILLUMINATION DEVICE
10,595,372	United States	December 22, 2016	15/388,607	March 17, 2020	ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME
	United States	March 31, 2017	15/476,106		SYSTEM AND METHOD FOR ENSURING MINIMAL CONTROL DELAY TO GROUPED ILLUMINATION DEVICES CONFIGURED WITHIN A WIRELESS NETWORK
10,591,134	United States	April 27, 2017	15/498,671	March 17, 2020	LENS FOR IMPROVED COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
10,302,276	United States	July 19, 2017	15/653,608	May 28, 2019	COLOR MIXING OPTICS HAVING AN EXIT LENS COMPRISING AN ARRAY OF LENSLETS ON AN INTERIOR AND EXTERIOR SIDE THEREOF
9,930,742	United States	September 14, 2016	15/265,203	March 27, 2018	KEYPAD WITH COLOR TEMPERATURE CONTROL AS A FUNCTION OF BRIGHTNESS AMONG SCENES AND THE MOMENTARY OR PERSISTENT OVERRIDE AND REPROGRAM OF A NATURAL SHOW AND METHOD THEREOF
10,237,945	United States	September 14, 2016	15/264,775	March 19, 2019	ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED PERIODIC CHANGES IN EMULATION OUTPUT

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
10,582,596	United States	September 15, 2016	15/264,815	March 3, 2020	ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED FADING OF COLOR TEMPERATURE CHANGES TO EMULATE EXTERIOR DAYLIGHT
10,621,836	United States	September 16, 2016	15/265,322	April 14, 2020	GLOBAL KEYPAD FOR LINKING THE CONTROL OF SHOWS AND BRIGHTNESS AMONG MULTIPLE ZONES ILLUMINATED BY LIGHT EMITTING DIODES ARRANGED AMONG A STRUCTURE
10,405,397	United States	June 30, 2017	15/639,633	September 3, 2019	ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED CHANGES IN EXTERIOR DAYLIGHT AMONG SELECT GROUPS OF ILLUMINATION DEVICES PLACED IN VARIOUS ROOMS OF A STRUCTURE
10,159,130	United States	February 20, 2018	15/899,677	December 18, 2018	KEYPAD WITH COLOR TEMPERATURE CONTROL AS A FUNCTION OF BRIGHTNESS AMONG SCENES AND THE MOMENTARY OR PERSISTENT OVERRIDE AND REPROGRAM OF A NATURAL SHOW AND METHOD THEREOF
10,299,356	United States	January 24, 2018	15/878,742	May 21, 2019	ILLUMINATION SYSTEM AND METHOD FOR MAINTAINING A COMMON ILLUMINATION VALUE ON A RELEASE COMMAND SENT FROM A KEYPAD
10,847,026	United States	April 13, 2018	15/953,202	November 24, 2020	VISIBLE LIGHT COMMUNICATION SYSTEM AND METHOD
	United States	May 17, 2018	15/982,681		INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES USING MULTIPLE SERIES OF MEASUREMENT INTERVALS
	United States	May 3, 2018	15/970,436		INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES HAVING MULTIPLE EMITTER MODULES
	United States	June 6, 2018	16/001,523		LINEAR LED ILLUMINATION DEVICE WITH IMPROVED COLOR MIXING
	United States	July 5, 2018	16/028,320		LIGHTING CONTROL SYSTEM

Exhibit A

Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	United States	July 12, 2018	16/033,917		LED ILLUMINATION DEVICE AND CALIBRATION METHOD FOR ACCURATELY CHARACTERIZING THE EMISSION LEDS AND PHOTODETECTOR(S) INCLUDED WITHIN THE LED ILLUMINATION DEVICE
	United States	October 4, 2018	16/152,106		ASYMMETRIC LINEAR LED LUMINAIRE DESIGN FOR UNIFORM ILLUMINANCE AND COLOR
	United States	November 1, 2018	16/178,185		ILLUMINATION DEVICE AND METHOD FOR AVOIDING AN OVER-POWER OR OVER-CURRENT CONDITION IN A POWER CONVERTER
	United States	November 21, 2018	16/198,005		COLOR MIXING OPTICS FOR LED LIGHTING
	United States	November 29, 2018	16/205,071		LED ILLUMINATION DEVICE AND METHOD FOR ACCURATELY CONTROLLING THE INTENSITY AND COLOR POINT OF THE ILLUMINATION DEVICE OVER TIME
10,624,171	United States	December 17, 2018	16/222,430	April 14, 2020	ILLUMINATION SYSTEM AND METHOD THAT PRESENTS A NATURAL SHOW TO EMULATE DAYLIGHT CONDITIONS WITH SMOOTHING DIMCURVE MODIFICATION THEREOF
10,605,652	United States	December 24, 2018	16/231,925	March 31, 2020	EMITTER MODULE FOR AN LED ILLUMINATION DEVICE
	United States	February 21, 2019	16/282,231		ILLUMINATION DEVICE AND METHOD FOR AVOIDING FLICKER
	United States	March 18, 2019	16/356,896		ILLUMINATION DEVICE FOR ADJUSTING COLOR TEMPERATURE BASED ON BRIGHTNESS AND TIME OF DAY
	United States	May 16, 2019	16/414,695		SYSTEM AND METHOD FOR ENSURING MINIMAL CONTROL DELAY TO GROUPED ILLUMINATION DEVICES CONFIGURED WITHIN A WIRELESS NETWORK
10,588,207	United States	May 20, 2019	16/417,107	March 10, 2020	ILLUMINATION SYSTEM AND METHOD FOR MAINTAINING A COMMON ILLUMINATION VALUE ON A RELEASE COMMAND SENT FROM A KEYPAD
10,767,835	United States	May 24, 2019	16/422,927	September 8, 2020	COLOR MIXING OPTICS FOR LED ILLUMINATION DEVICE

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	United States	June 20, 2019	16/446,869		CALIBRATION PROCEDURE FOR A LIGHT-EMITTING DIODE LIGHT SOURCE
10,823,349	United States	August 5, 2019	16/532,306	November 3, 2020	RECESSED DOWNLIGHT FIXTURE
10,764,979	United States	November 14, 2019	16/684,238	September 1, 2020	LIGHTING DEVICE HAVING AN INTERIM OPERABLE STATE
	United States	December 19, 2019	16/721,214		INTELLIGENT ILLUMINATION DEVICE
	United States	3/6/2020	16/812,167		COMMISSIONING AND CONTROLLING LOAD CONTROL DEVICES
	United States	March 9, 2020	16/812,949		ILLUMINATION SYSTEM AND METHOD THAT PRESENTS A NATURAL SHOW TO EMULATE DAYLIGHT CONDITIONS WITH SMOOTHING DIMCURVE MODIFICATION THEREOF
	United States	March 9, 2020	16/813,097		ILLUMINATION SYSTEM AND METHOD FOR MAINTAINING A COMMON ILLUMINATION VALUE ON A RELEASE COMMAND SENT FROM A KEYPAD
	United States	March 16, 2020	16/819,375		LENS FOR IMPROVED COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	United States	March 16, 2020	16/819,497		ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME
	United States	March 30, 2020	16/834,368		EMITTER MODULE FOR AN LED ILLUMINATION DEVICE
	United States	July 31, 2020	16/945,166		ILLUMINATION DEVICE AND METHOD FOR DECOUPLING POWER DELIVERED TO AN LED LOAD FROM A PHASE-CUT DIMMING ANGLE
	United States	August 31, 2020	17/008,043		LIGHTING DEVICE HAVING AN INTERIM OPERABLE STATE
	United States	September 4, 2020	17/013,214		COLOR MIXING OPTICS FOR LED ILLUMINATION DEVICE
	United States	November 2, 2020	17/086,686		RECESSED DOWNLIGHT FIXTURE
	United States	November 2, 2020	17/087,562		INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES USING MULTIPLE SERIES OF MEASUREMENT INTERVALS

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	United States	November 2, 2020	17/087,573		INTERFERENCE-RESISTANT COMPENSATION FOR ILLUMINATION DEVICES HAVING MULTIPLE EMITTER MODULES
	United States	November 23, 2020	17/102,369		VISIBLE LIGHT COMMUNICATION SYSTEM AND METHOD

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	Canada	April 27, 2018	3,061,625		TOTAL INTERNAL REFLECTION LENS HAVING A TAPERED SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO LESSEN GLARE WHILE MAINTAINING COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	Canada	August 7, 2017	3,036,805		ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED PERIODIC CHANGES IN EMULATION OUTPUT
	Canada	August 7, 2017	3,036,808		GLOBAL KEYPAD FOR LINKING THE CONTROL OF SHOWS AND BRIGHTNESS AMONG MULTIPLE ZONES ILLUMINATED BY LIGHT EMITTING DIODES ARRANGED AMONG A STRUCTURE

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
CN102577622	China	July 7, 2010	201080032373.7	October 15, 2014	INTELLIGENT LIGHTING
CN107079549	China	June 25, 2015	201580043185.7	April 11, 2019	ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME
CN102625944	China	August 5, 2010	201080035731.X	October 21, 2015	DISPLAY SYSTEMS, CALIBRATION SYSTEMS, ILLUMINATION DEVICES, LIGHT COMMUNICATION SYSTEMS AND RELATED METHODS
	China	April 27, 2018	201880041328.4		TOTAL INTERNAL REFLECTION LENS HAVING A TAPERED SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO LESSEN GLARE WHILE MAINTAINING COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	China	August 7, 2017	201780066068.1		ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED PERIODIC CHANGES IN EMULATION OUTPUT
	China	August 7, 2017	201780066069.6		GLOBAL KEYPAD FOR LINKING THE CONTROL OF SHOWS AND BRIGHTNESS AMONG MULTIPLE ZONES ILLUMINATED BY LIGHT EMITTING DIODES ARRANGED AMONG A STRUCTURE
	China	October 30, 2018	201811213348.3		LED ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AND CONTROLLING AN LED ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	EPO	January 26, 2010	10746522.1		FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
	EPO	July 7, 2010	10800143.9		INTELLIGENT ILLUMINATION DEVICE
	EPO	August 5, 2010	10806752.1		DISPLAY SYSTEMS, ILLUMINATION DEVICES, LIGHT COMMUNICATION SYSTEMS AND RELATED METHODS
	EPO	December 4, 2014	14825488.1		LINEAR LED ILLUMINATION DEVICE WITH IMPROVED COLOR MIXING
	EPO	June 25, 2015	15735822.7		LED ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME
	EPO	April 27, 2018	18724710.1		TOTAL INTERNAL REFLECTION LENS HAVING A TAPERED SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO LESSEN GLARE WHILE MAINTAINING COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	EPO	August 7, 2017	17851243.0		ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED PERIODIC CHANGES IN EMULATION OUTPUT
	EPO	August 7, 2017	17851244.8		GLOBAL KEYPAD FOR LINKING THE CONTROL OF SHOWS AND BRIGHTNESS AMONG MULTIPLE ZONES ILLUMINATED BY LIGHT EMITTING DIODES ARRANGED AMONG A STRUCTURE

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	Hong Kong	September 10, 2020	62020015792.8		TOTAL INTERNAL REFLECTION LENS HAVING A TAPERED SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO LESSEN GLARE WHILE MAINTAINING COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	Hong Kong	August 7, 2017	62019000033.6		ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED PERIODIC CHANGES IN EMULATION OUTPUT
	Hong Kong	August 7, 2017	62019000049.2		GLOBAL KEYPAD FOR LINKING THE CONTROL OF SHOWS AND BRIGHTNESS AMONG MULTIPLE ZONES ILLUMINATED BY LIGHT EMITTING DIODES ARRANGED AMONG A STRUCTURE
	Hong Kong	August 19, 2019	19128378.7		LED ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AND CONTROLLING AN LED ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
5351285	Japan	January 26, 2010	2011-547972	August 30, 2013	FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
5847711	Japan	July 7, 2010	2012-520587	December 4, 2015	INTELLIGENT LIGHTING EQUIPMENT
	Japan	August 5, 2000	2012-523605		DISPLAY SYSTEMS, LIGHTING DEVICES, OPTICAL COMMUNICATION SYSTEMS AND HOW IT RELATED TO
5600773	Japan	January 26, 2010	2013-118775	August 22, 2014	FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
5714649	Japan	January 26, 2010	2013-118780	March 20, 2015	FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
	Japan	June 25, 2015	2016-575004		ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	Korea	August 26, 2011	1020117019985		FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
	Korea	February 13, 2012	1020127003792		INTELLIGENT ILLUMINATION DEVICE
	Korea	March 5, 2012	1020127005884		DISPLAY SYSTEMS, CALIBRATION SYSTEMS, ILLUMINATION DEVICES, LIGHT COMMUNICATION SYSTEMS AND RELATED METHODS
	Korea	January 25, 2017	1020177002384		ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AN ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	Mexico	April 27, 2018	MX/a/2019/012820		TOTAL INTERNAL REFLECTION LENS HAVING A TAPERED SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO LESSEN GLARE WHILE MAINTAINING COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	Mexico	August 7, 2017	MX/a/2019/002908		ILLUMINATION DEVICE, SYSTEM AND METHOD FOR MANUALLY ADJUSTING AUTOMATED PERIODIC CHANGES IN EMULATION OUTPUT
	Mexico	August 7, 2017	MX/a/2019/002950		GLOBAL KEYPAD FOR LINKING THE CONTROL OF SHOWS AND BRIGHTNESS AMONG MULTIPLE ZONES ILLUMINATED BY LIGHT EMITTING DIODES ARRANGED AMONG A STRUCTURE

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	PCT	August 25, 2015	PCT/IB2015/001435		COLOR MIXING OPTICS FOR LED LIGHTING
	PCT	October 16, 2015	PCT/IB2015/001911		AN ASYMMETRIC LINEAR LED
	PCT	March 6, 2020	PCT/IB2020/000638		COMMISSIONING AND CONTROLLING LOAD CONTROL DEVICES
	PCT	July 7, 2010	PCT/US2010/001919		INTELLIGENT ILLUMINATION DEVICE
	PCT	September 1, 2009	PCT/US2009/04953		OPTICAL COMMUNICATION DEVICE, METHOD AND SYSTEM
	PCT	January 26, 2010	PCT/US2010/000219		FAULT TOLERANT NETWORK UTILIZING BI-DIRECTIONAL POINT-TO-POINT COMMUNICATIONS LINKS BETWEEN NODES
	PCT	August 5, 2010	PCT/US2010/02171		DISPLAY SYSTEMS, CALIBRATION SYSTEMS, ILLUMINATION DEVICES, LIGHT COMMUNICATION SYSTEMS AND RELATED METHODS
	PCT	July 3, 2012	PCT/US2012/045392		LUMINANCE CONTROL FOR ILLUMINATION DEVICES
	PCT	August 29, 2012	PCT/US2012/052774		LIGHTING CONTROL SYSTEM
	PCT	February 21, 2013	PCT/US2013/027157		SYSTEM AND METHOD OF EXTENDING THE COMMUNICATION RANGE IN A VISIBLE LIGHT COMMUNICATION SYSTEM
	PCT	December 4, 2014	PCT/US2014/068556		LINEAR LED ILLUMINATION DEVICE WITH IMPROVED COLOR MIXING
	PCT	May 29, 2015	PCT/US2015/033248		LIGHT CONTROL UNIT WITH DETACHABLE ELECTRICALLY COMMUNICATIVE FACEPLATE
	PCT	June 10, 2015	PCT/US2015/035081		INTERFERENCE-RESISTANT COMPENSATION IN ILLUMINATION DEVICES COMPRISING LIGHT EMITTING DIODES
	PCT	June 25, 2015	PCT/US2015/037660		LED ILLUMINATION DEVICE AND METHOD FOR CALIBRATING AND CONTROLLING AN LED ILLUMINATION DEVICE OVER CHANGES IN TEMPERATURE, DRIVE CURRENT, AND TIME

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Patent No.	Country	Filing Date	Application No.	Issue Date	Title
	PCT	August 14, 2015	PCT/US2015/045252		LED ILLUMINATION DEVICE AND METHODS FOR ACCURATELY CHARACTERIZING AND CONTROLLING THE EMISSION LEDS AND PHOTODETECTOR(S) INCLUDED WITHIN THE LED ILLUMINATION DEVICE
	PCT	August 7, 2017	PCT/US2017/045742		ILLUMINATION SYSTEM FOR CONTROLLING COLOR TEMPERATURE AS A FUNCTION OF BRIGHTNESS
	PCT	August 7, 2017	PCT/US2017/45728		ILLUMINATION DEVICE AND METHOD FOR ADJUSTING PERIODIC CHANGES IN EMULATION OUTPUT
	PCT	April 27, 2018	PCT/US2018/029840		TOTAL INTERNAL REFLECTION LENS HAVING A TAPERED SIDEWALL ENTRY AND A CONCAVE SPHERICAL EXIT BOUNDED BY A COMPOUND PARABOLIC CONCENTRATOR OUTER SURFACE TO LESSEN GLARE WHILE MAINTAINING COLOR MIXING AND BEAM CONTROL OF AN LED LIGHT SOURCE
	PCT	December 17, 2019	PCT/US2019/066992		LIGHT SOURCE HAVING MULTIPLE DIFFERENTLY-COLORED EMITTERS
	PCT	March 6, 2020	PCT/US2020/21590		COMMISSIONING AND CONTROLLING LOAD CONTROL DEVICES