

December 19, 2018

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Inventors: Michael Miskin and Robert L. Kottritsch

Applicant: Lynk Labs, Inc.

Title: MULTI-VOLTAGE AND MULTI-BRIGHTNESS LED LIGHTING DEVICES AND METHODS OF USING SAME

Appln. No.: 15/685,429 Filing Date: August 24, 2017

Examiner: Lee, Don P. Group Art Unit: 2844

Docket No.: 53998.14US04 Confirmation No. 4750
(LYN-091109CO03)

TRANSMITTAL LETTER

Dear Examiner:

Transmitted herewith are the following documents for the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Certification and Request for Consideration Under the After Final Consideration Pilot Program 2.0 (1 page); and
- (3) Response to Final Office Action (7 pages).



No additional fee is required.



The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Claims Remaining <u>After</u> <u>Amendment</u>		Highest No. Previously <u>Paid</u> <u>For</u>		Present <u>Extra</u>		<u>Rate</u>		<u>Additional Fee</u>
Total Claims	20	Minus	20	=	0	x	\$100.00	\$	0
Independent Claims	3	Minus	3	=	0	x	\$460.00	\$	0
☐	Fee of _____ for the first filing of one or more multiple dependent claims per application							\$	

Total additional fee for this Amendment:

\$

- ☒ Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- ☐ Fee for Petition for Extension of Time in the amount of \$
- ☐ Please charge our Credit Card in the amount of \$
- ☒ Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 08-1394

Total: \$

0

Certificate of Transmission

I hereby certify that this correspondence is being electronically transmitted via EFS Web to the Commissioner for Patents, on the date shown below.


Nidia Linares

December 19, 2018
Date

Respectfully submitted,

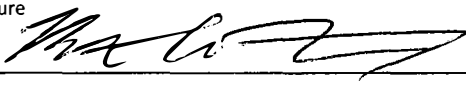


Brent A. Folsom
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Reg. No. 43,614

Doc Code: A.NE.AFCP

Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0		
Practitioner Docket No.: 53998.14US04	Application No.: 15/685,429	Filing Date: August 24, 2017
First Named Inventor: Michael Miskin	Title: MULTI-VOLTAGE AND MULTI-BRIGHTNESS LED LIGHTING DEVICES AND METHODS OF USING SAME	
<p>APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.</p> <ol style="list-style-type: none">The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (e.g., a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).The above-identified application contains an outstanding final rejection.Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web).Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, e.g., extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]By filing this certification and request, applicant acknowledges the following:<ul style="list-style-type: none">Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.The examiner will verify that the AFCP 2.0 submission is compliant, i.e., that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:<ul style="list-style-type: none">The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, e.g., by mailing an advisory action.If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.<ul style="list-style-type: none">The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.		
Signature 	Date December 19, 2018	
Name (Print/Typed) Brent A. Folsom	Practitioner Registration No. 43,614	
<p>Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p>		
☒ * Total of <u>1</u> forms are submitted.		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Michael Miskin and Robert L. Kottritsch
Applicant: Lynk Labs, Inc.
Title: MULTI-VOLTAGE AND MULTI-BRIGHTNESS LED LIGHTING
DEVICES AND METHODS OF USING SAME
Appln. No.: 15/685,429 Filing Date: August 24, 2017
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Costa Mesa, California
December 19, 2018

VIA EFS-WEB

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Dear Examiner:

Applicant submits this response in reply to the Final Office Action dated November 19, 2018 in the above-identified patent application.

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IN THE CLAIMS

The following are claims 1 to 21:

1. (Currently Amended) An LED lighting device comprising:
a first LED circuit and a second LED circuit, each of the first LED circuit and the second LED circuit including at least two LEDs connected in either series or parallel; and
a switch that is selectable by a user and capable of independently connecting an AC voltage power source to or disconnecting the AC voltage power source from each of the first LED circuit and the second LED circuit,
wherein the switch is connected to each of the first LED circuit and the second LED circuit such that each of the first LED circuit and the second LED circuit is independently controlled by the switch; and
wherein the LED lighting device is configured to connect to the AC voltage power source.
2. (Previously Presented) The LED lighting device of claim 1 wherein the at least two LEDs of each of the first LED circuit and the second LED circuit are connected in series.
3. (Previously Presented) The LED lighting device of claim 1 wherein each of the first LED circuit and the second LED circuit is arranged in a bridge circuit having at least one LED connected across the outputs.
4. (Previously Presented) The LED lighting device of claim 1 wherein the at least two LEDs in each of the first LED circuit and the second LED circuit are connected in parallel.
5. (Currently Amended) The LED lighting device of claim 1 further comprising:
at least four voltage input electrical contacts, the at least four voltage input electrical contacts being configured so that opposing ends of each of the first LED circuit and the second LED circuit has one voltage input electrical contact connected thereto, wherein the at least four voltage input electrical contacts are configured such that
a first voltage input electrical contact is connected to

an anode of one LED in the first LED circuit; and
a cathode of one LED in the first LED circuit;
a second voltage input electrical contact is connected to
an anode of one LED in the first LED circuit; and
a cathode of one LED in the first LED circuit;
a third voltage input electrical contact is connected to
an anode of one LED in a second LED circuit; and
a cathode of one LED in the second LED circuit;
a fourth voltage input electrical contact is connected to
an anode of one LED in the second LED circuit; and
a cathode of one LED in the second LED circuit;

wherein the first voltage input electrical contact is connected to a different anode and a different cathode than the second voltage input electrical contact, and the third voltage input electrical contact is connected to a different anode and a different cathode than the fourth voltage input electrical contact.

6. (Previously Presented) The LED lighting device of claim 5 wherein the first and second LED circuits are connected in:

a series relationship, by connecting the first voltage input electrical contact to a first output of a power supply, connecting the third voltage input electrical contact to a second output of a power supply, and connecting the second voltage input electrical contact and the fourth voltage input electrical contact to each other; or

a parallel relationship, by connecting the first voltage input electrical contact and the third voltage input electrical contact to a first output of a power supply, and the second voltage input electrical contact and the fourth voltage input electrical contact to a second output of a power supply.

7. (Original) The LED lighting device of claim 1 wherein the LED lighting device is an LED package.

8. (Original) The LED lighting device of claim 7 wherein the at least two LED circuits

are connected in series or parallel utilizing the at least four voltage electrical input contacts within the LED package.

9. (Original) The LED lighting device of claim 1 wherein the at least two LEDs forming each of the at least two LED circuits are discrete die integrated on a substrate.

10. (Original) The LED lighting device of claim 1 wherein the LED lighting device is an LED assembly of discretely packaged LEDs.

11. (Currently Amended) A multi-brightness LED lighting device comprising:
a plurality of LED circuits, each comprising at least two LEDs connected in series or parallel; and
a switch controllable by a user to independently connect an AC voltage power source to or disconnect the AC voltage power source from each of the plurality of LED circuits so that more than one level of brightness can be provided by the plurality of LED circuits, wherein the switch is connected to each of the plurality of LED circuits such that each of the plurality of LED circuits is independently controlled by the switch.

12. (Previously Presented) The multi-brightness lighting device of claim 11 wherein the plurality of LED circuits includes a first LED circuit independently controllable by the switch and a second LED circuit independently controllable by the switch to thereby control a level of brightness output by the multi-brightness LED lighting device.

13. (Cancelled).

14. (Currently Amended) The multi-brightness lighting device of claim 11 [[1]] wherein the switch is connected to each of the plurality of LED circuits such that the switch can electrically connect plurality of LED circuits in either series or parallel.

15. (Previously Presented) The multi-brightness LED lighting device of claim 11, wherein the plurality of LED circuits are integrated into a lamp.

16. (Previously Presented) The LED lighting device of claim 1 further comprising:
at least one additional LED circuit having at least two LEDs connected in series or parallel, wherein the switch is controllable by the user to independently connect the at least one additional LED circuit to or disconnect the at least one additional LED circuit from the AC voltage power source.
17. (Previously Presented) The LED lighting device of claim 1 wherein the first LED circuit, the second LED circuit, and the switch are integrated into a lamp.
18. (Previously Presented) The multi-brightness LED lighting device of claim 11 wherein the plurality of LED circuits and the switch are integrated into a lamp.
19. (Previously Presented) A system comprising the multi-brightness LED device of claim 11 and the AC voltage power source.
20. (Currently Amended) A multi-brightness LED lighting device comprising:
a plurality of LED circuits, each LED circuit of the plurality of LED circuits including a plurality of LEDs; and
a single switch connected to each of the plurality of LED circuits such that each of the plurality of LED circuits is independently controlled by the switch, the switch being [[and]] configured to connect to an AC voltage power source, the single switch being operable by a user to independently connect each of the plurality of LED circuits to or disconnect each of the plurality of LED circuits from the AC voltage power source, to thereby provide multiple levels of brightness using the plurality of LED circuits.
21. (New) The multi-brightness LED lighting device of claim 20, wherein the plurality of LED circuits and the single switch are integrated into a lamp.

REMARKS

Applicant submits the above amendments and these remarks in reply to the Office Action dated November 19, 2018.

Summary of Office Action

In the Office Action, claim 14 is objected to because of an informality. Claims 1-11, 14, 15, and 17-20 stand rejected under pre-AIA 35 U.S.C. § 102(a) over U.S. Patent Application Publication No. 2007/0273299 ("Miskin '299"). Claims 12, 13, and 16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant respectfully traverses all objections and rejections for at least the reasons set forth below.

Claim Amendments

Claims 1, 11, and 20 have been amended to include the features of claim 13. Claim 13 has been cancelled. Claim 5 has been amended to correct an informality. Claim 14 has been amended to update its dependency. New claim 21 has been added, support for which is provided by at least claims 15, 17, and 18. No new subject matter has been added.

Discussion of Objection to Claim 14

Claim 14 has been amended to depend from claim 11 in the manner suggested by the Examiner. Accordingly, Applicant respectfully requests that the objection to claim 14 be withdrawn.

Discussion of Rejections Under 35 U.S.C. § 102

Applicant notes that the amendments to claims 1, 11, and 20 render these rejections moot. Accordingly, Applicant respectfully requests that the rejections of claims 1-11, 14, 15, and 17-20 be withdrawn.

Allowable Subject Matter

Applicant thanks the Examiner for the allowable subject matter identified in claims 12, 13, and 16. Amendments have been made to independent claims 1, 11, and 20 to include the allowable subject matter of claim 13. Accordingly, Applicant respectfully submits that independent claims 1, 11, and 20 are in condition for allowance. Further, Applicant respectfully submits that claims 2-10, which depend from and include the subject matter of amended independent claim 1, and claims 12 and 14-19, which depend from and include the subject matter of amended independent claim 11, are also in condition for allowance.

New Claim

New claim 21 depends from and includes the subject matter of amended independent claim 20. Accordingly, claim 21 is allowable for at least the same reasons as those discussed above with respect to claim 20.

Conclusion

Applicant respectfully submits that all pending claims are in proper form for allowance. Reconsideration and withdrawal of all objections and rejections are respectfully requested and a timely Notice of Allowance is solicited.

Authorization is given to charge any fees due or credit any overpayments in regards to this communication to deposit account 08-1394. If the Examiner has any questions or concerns, a telephone call to the undersigned at (949) 202-3013 is welcomed and encouraged.

Certificate of Transmission

I hereby certify that this correspondence is being electronically transmitted via EFS Web to the Commissioner for Patent, Alexandria, VA on the date shown below.



Nidia Linares

December 19, 2018

Respectfully submitted,



Brent A. Folsom
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