

**IN THE
UNITED STATES
PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: MISKIN
CASE: LYN-091109CO01
CONFIRMATION NO.: 7455
SERIAL NO.: 14/172,644
FILING DATE: FEBRUARY 4, 2014
FOR: MULTI-VOLTAGE AND
MULTI-BRIGHTNESS LED
LIGHTING DEVICES AND
METHODS OF USING SAME

**REPLY TO
OFFICE ACTION
MAILED
JULY 29, 2016**

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION OF:
Art Unit 2844
EXAMINER:
HAMMOND, Crystal L.

Dear Examiner Hammond:

This Reply is in response to the Office action mailed July 29, 2016. Applicant includes herewith a petition for a three-month extension of time and the associated fee for the same. Applicant respectfully traverses the rejections and requests reconsideration in view of the following remarks:

Amendments to the Claims begin on page 2 of this paper;

Remarks and Arguments begin on page 6 of this paper.

**FACTOR INTELLECTUAL PROPERTY
LAW GROUP, LTD.**
1327 W. Washington Blvd., Suite 5G/H
Chicago, Illinois 60607
Tel: (312) 226-1818
Fax: (312) 226-1919

Jody L. Factor 34157
J. Christopher Schroeder 75638

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1-12. (Cancelled)

13. (Currently Amended) An LED lighting device comprising:
at least two LED circuits;
at least three voltage input electrical contacts, wherein
a first voltage input electrical contact connected to both of the at least two LED circuits,
a second voltage input electrical contact is connected to a first of the at least two LED circuits, and
a third voltage input electrical contact is connected to a second of the at least two circuits, wherein each of the at least two LED circuits include plurality of LEDs and the at least three voltage input electrical contacts are arranged such that
the first voltage input electrical contact is connected to a cathode of one of the plurality of LEDs in both of the at least two LED circuits;
the second voltage input electrical contact is connected to an anode of one of the plurality of LEDs in the first of the at least two LED circuits;
and
the third voltage input electrical contact is connected to an anode of one of the plurality of LEDs in the second of the at least two LED circuits..

14. (Cancelled).

15. (Currently Amended) The LED lighting device of claim ~~[[14]]~~13 wherein at least a portion of the plurality of LEDs in each of the at least two LED circuits are connected in series.

16. (Currently Amended) The LED lighting device of claim ~~[[14]]~~13 wherein at least a portion of the plurality of LEDs in each of the at least two LED circuits are connected in an anti-parallel configuration.

17. (Original) The LED lighting device of claim 16 wherein each of the at least two LED circuits includes

- a first portion of the plurality of LEDs connected in a first series string of LEDs,
- a second portion of the plurality of LEDs connected in a second series string of LEDs,

- the first portion of the plurality of LEDs and the second portion of LEDs connecting at a first branch junction and a second branch junction in an anti-parallel manner.

18. (Original) The LED lighting device of claim 17 wherein

- the first voltage input electrical contact connects to the first branch junction of both of the at least two LED circuits;

- the second voltage input electrical contact connects to the second branch junction of the first of the at least two LED circuits; and

- the third voltage input electrical contact connects to the second branch junction of the second of the at least two LED circuits.

19. (Cancelled).

20. Cancelled).

21. (Original) The LED lighting device of claim 13 wherein the LED lighting device is an LED package.

22. (Original) The LED lighting device of claim 13 wherein the at least two LED circuits are integrated on a single chip.

23. (Original) The LED lighting device of claim 13 wherein the at least two LED circuits are integrated on discrete chips so that each of the at least two LED circuits is on a separate chip.

24. (Original) The LED lighting device of claim 13 wherein the at least two LEDs forming each of the at least two LED circuits are discrete die integrated on a substrate.

25. (Original) The LED lighting device of claim 13 wherein the LED lighting device is an LED assembly of discretely packaged LEDs.

26-28. (Cancelled)

29. (New) An LED lighting device comprising:
- at least two LED circuits, each LED circuit having a bridge rectifier and
 - at least one LED connected across the output of the bridge rectifier;
 - at least three voltage input electrical contacts, wherein
 - a first voltage input electrical contact connected to both of the at least two LED circuits,
 - a second voltage input electrical contact is connected to a first of the at least two LED circuits, and
 - a third voltage input electrical contact is connected to a second of the at least two circuits, wherein
 - the first voltage input electrical contact is connected to a first input of the bridge rectifier in both of the at least two LED circuits;
 - the second voltage input electrical contact is connected to a second input of the bridge rectifier in the first of the at least two LED circuits; and
 - the third voltage input electrical contact is connected to a second input of the bridge rectifier in the second of the at least two LED circuits.

REMARKS

This Reply is in response to the Office action mailed on July 29, 2016. In the Office action:

- Claims 1, 2, 7-13 and 21-25 were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Printed Publication 2007/0115248 to Roberts *et al.* (“*Roberts*”);
- Claims 3-6, 19 and 26-28 were rejected under 35 U.S.C. §103(a) as being unpatentable over *Roberts* in view of U.S. Pat. Pub. No. 2008/0203936 to Mariyama et al. (“*Mariyama*”); and
- Claims 14-18 and 20 were objected to as being dependent upon a rejected base claim, but were indicated as allowable if re-written in the independent form.

Applicant thanks Examiner for the indication of allowable subject matter. By this Reply no claims 13, 15 and 16 have been amended, claims 1-12, 14, 19, 20 and 26-28 have been cancelled and claim 29 has been added. As such, claims 13, 15-18, 21-25 and 29 remain pending in the application.

Rejection under 35 U.S.C. §102(b) as being anticipated by *Roberts*

Rejection under 35 U.S.C. §103(a) as being unpatentable over *Roberts* in view of *Mariyama*

Applicant respectfully traverses the rejections of claims 1, 2, 7-13 and 21-25 as being anticipated by *Roberts* and claims 3-6, 19 and 26-28 as being unpatentable over *Roberts* in view of *Mariyama*. Notwithstanding, in an effort to expedite prosecution, Applicant herein cancels claims 1-12 and 26-28. Applicant furthermore has amended claim 13 to include the elements of claim 14 which was indicated as being allowable, and added new claim 29 which corresponds to previous claim 20 which was also indicated as being allowable. Applicant makes these amendments without prejudice.

In view of the above, Applicant respectfully submits that amended independent claims 13 and 29 — as well as all claims ultimately dependent there from — are patentable over the cited references and are in condition for allowance. Accordingly, Applicant requests that all rejections be removed and all pending claims be passed to allowance.

CONCLUSION

Based on the foregoing, Applicant submits that all rejections should be removed and respectfully requests that all pending claims be allowed to issue.

Applicant submits herewith a petition for a three-month extension of time and payment for the associated fee for the same. Applicant believes that no other fees are required with this Reply; however, if any fees are required with this correspondence, the Commissioner is authorized to debit Deposit Account 50-0545.

Should anything further be required, a telephone call to the undersigned at (312) 226-1818 is respectfully solicited.

Dated: January 26, 2017

Respectfully submitted,

FACTOR INTELLETUAL PROPERTY
LAW GROUP, LTD.

/Jody L. FACTOR/

Jody L. Factor, Reg. No. 34157
One of Attorneys for Applicant