VIA ELECTRONIC FILING SYSTEM
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:	
Simon N. Richmond	
Application No.: 12/978,358	
Confirmation No.: 1080	
Filed: December 23, 2010	
For: SOLAR POWERED LIGHT ASSEMBLY TO PRODUCE LIGHT OF VARYING COLORS	
Group: 2821	
Examiner: Minh, D A	

Our File: AIL1682-1-006C2

Date: July 13, 2012

REPLY TO OFFICE ACTION

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

Sir:

This Reply and Terminal Disclaimer are being timely filed in response to the Office Action dated July 13, 2012 in accordance with Rule 111 of the Rules of Practice. Please amend the application without prejudice or disclaimer as follows:

Amendments to the Claims:

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

Listing of Claims:

1. (Original) A lighting device, said device including:

a lens;

a circuit comprising:

at least two light sources of different colors mounted to direct light through at least part of said lens;

an activation sub-circuit to provide power to said light sources only at low light levels;

a light sub-circuit to independently control delivery of power to each of said at least two light sources so as to ramp up and ramp down intensity of light emitted over time by said at least two light sources to produce a color changing cycle of more than two colors;

connections for at least one rechargeable battery to power said circuit; and

at least one solar cell mounted so as to be exposed to light and operatively associated with said connections to charge said battery.

2. (Original) The lighting device of claim 1, further comprising a spike for positioning said connections above a ground surface.

3. (Previously Presented) The lighting device of claim 1, wherein said light sub-circuit further independently controls delivery of power to each of said light sources so as to vary frequency of changes to said intensity.

4. (Original) The lighting device of claim 1, wherein said lens is a first lens generally forming a chamber and further comprising a second lens generally forming a cavity and wherein said at least two light sources are mounted to direct light into said chamber via said cavity such that said light produced by said at least two light sources is at least partially diffused by said second lens and then said first lens.

5. (Original) The lighting device of claim 4, wherein said second lens projects at least partially into said chamber.

6. (Original) The lighting device of claim 4, further including a lens assembly comprises a base, said first lens and said second lens, and wherein said second lens is attached to said base, and wherein said base is removably attached to said first lens.

7. (Original) The lighting device of claim 6, wherein said circuit is at least partially contained in said base.

8. (Previously Presented) The lighting device of claim 1, further comprising at least one user-operated switch operable to control said circuit, with said at least one switch being accessible by said user thereby enabling said user to manipulate said at least one switch to control delivery of power to said at least two light sources.

9. (Previously Presented) The lighting device of claim 8, further comprising a sealed chamber generally formed by said lens and wherein said at least one switch is located outside said chamber.

10. (Previously Presented) The lighting device of claim 8, wherein said light sub-circuit delivers electric power so that said at least two light sources produce a constant color, with said at least one switch being a first switch, and said circuit includes a second switch, said second switch being an on/off switch to deliver electric power from said at least one rechargeable battery to said sub-circuit.

11. (Original) The lighting device of claim 10, wherein said first switch is accessible via an exposed external surface.

12. (Previously Presented) The lighting device of claim 8, wherein said at least one switch is a first switch, and said circuit includes a second switch, said second switch being an on/off switch to deliver electric power from said at least one rechargeable battery to said sub-circuit, and wherein said sub-circuit further comprises an integrated circuit wherein said first switch is connected to said integrated circuit, said first switch being operable to select a constant color.

13. (Previously Presented) The lighting device of claim 8, further comprising:

a base;

a battery compartment attached to said base to receive said at least one battery; and

wherein said at least one switch is exposed to said battery compartment to provide for operation thereof by said user, and said lens is attached to said battery compartment, with said lens and compartment being removably attached to said

base to provide access to said compartment by said user and therefore to said at least one switch.

14. (Original) The lighting device of claim 13, wherein said lens and said battery compartment are removably attached to said base by relative rotation therebetween.

15. (Previously Presented) The lighting device of claim 13, wherein said battery compartment and said lens are threadably attached to said base with relative rotation therebetween providing for removal and attachment of said lens and compartment with respect to said base.

16. (Previously Presented) The lighting device of claim 8 further comprising a body upon which said circuit is mounted, said body providing a closable battery compartment to receive said at least one battery, and wherein said at least one switch is mounted on said body so as to be exposed to said closable battery compartment so that a user has access thereto by opening said closable battery compartment.

17. (Previously Presented) The lighting device of claim 8, wherein said light sub-circuit varies said power to each of said at least two light sources so as to vary both the intensity of said light emitted by each of said at least two light sources and the frequency of changes to the intensity to produce a continuously color changing cycle.

18. (Previously Presented) The lighting device of claim 1, wherein any one of said at least two light sources is a single diode that emits light when energized, and wherein said at least two light sources comprise at least a diode that emits red light and a diode that emits blue light.

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