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Gustafson et al.

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- (54) **LIGHTING DEVICE HAVING A MULTI-POSITION SWITCH ASSEMBLY**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 64 days.
- (21) Appl. No.: **11/254,159**
- (22) Filed: **Oct. 19, 2005**

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Related U.S. Application Data

- (60) Provisional application No. 60/620,020, filed on Oct. 19, 2004.

- (51) **Int. Cl.**
F21L 4/04 (2006.01)
- (52) **U.S. Cl.** **362/206**; 362/209; 362/276; 362/802
- (58) **Field of Classification Search** 362/158, 362/205, 206, 208, 276, 294, 802
See application file for complete search history.

(Continued)

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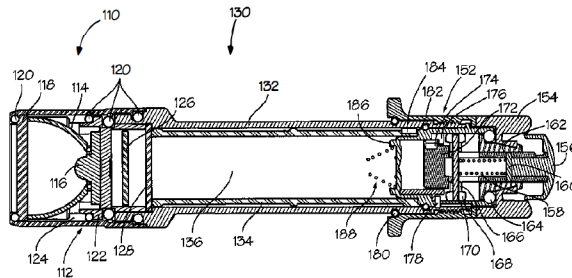
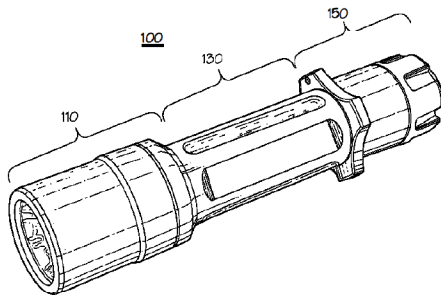
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(57) **ABSTRACT**

A switch assembly that may be utilized as a tail cap of a lighting device. The switch assembly including at least a depressible switch with a rotatable portion that allows the user to activate distinct functional modes of the lighting device. In an illustrative, non-limiting embodiment, the switch assembly has four channels, providing for at least three different light functions and a locking channel. The different channels are defined by the axial position of the rotatable portion relative to the lighting device body.

38 Claims, 6 Drawing Sheets



Parhelion, Inc.
EXHIBIT
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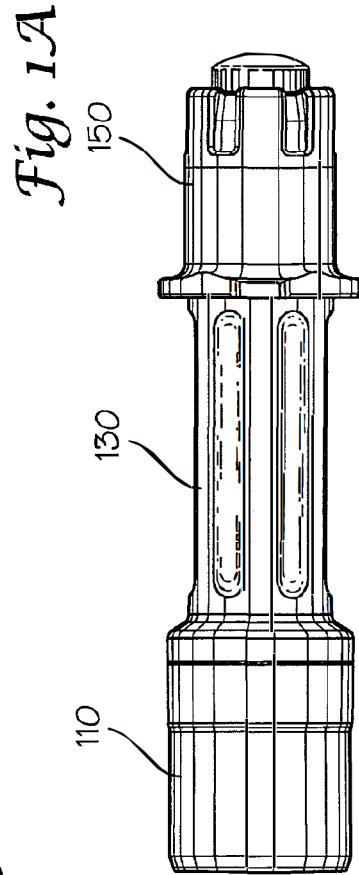
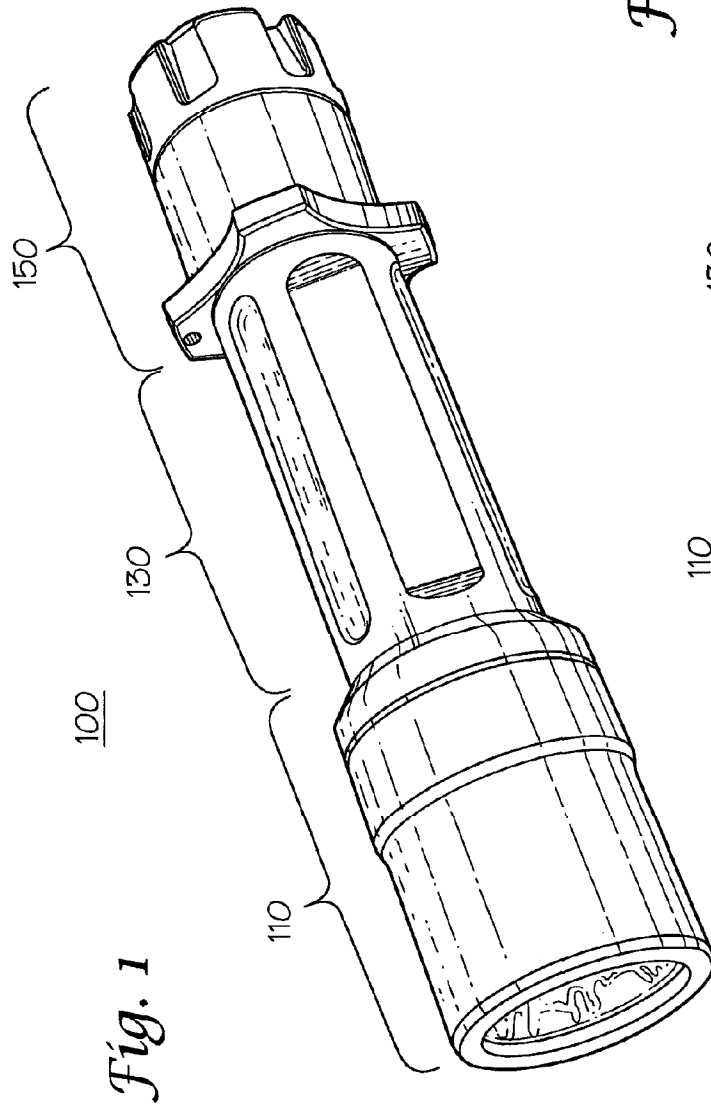
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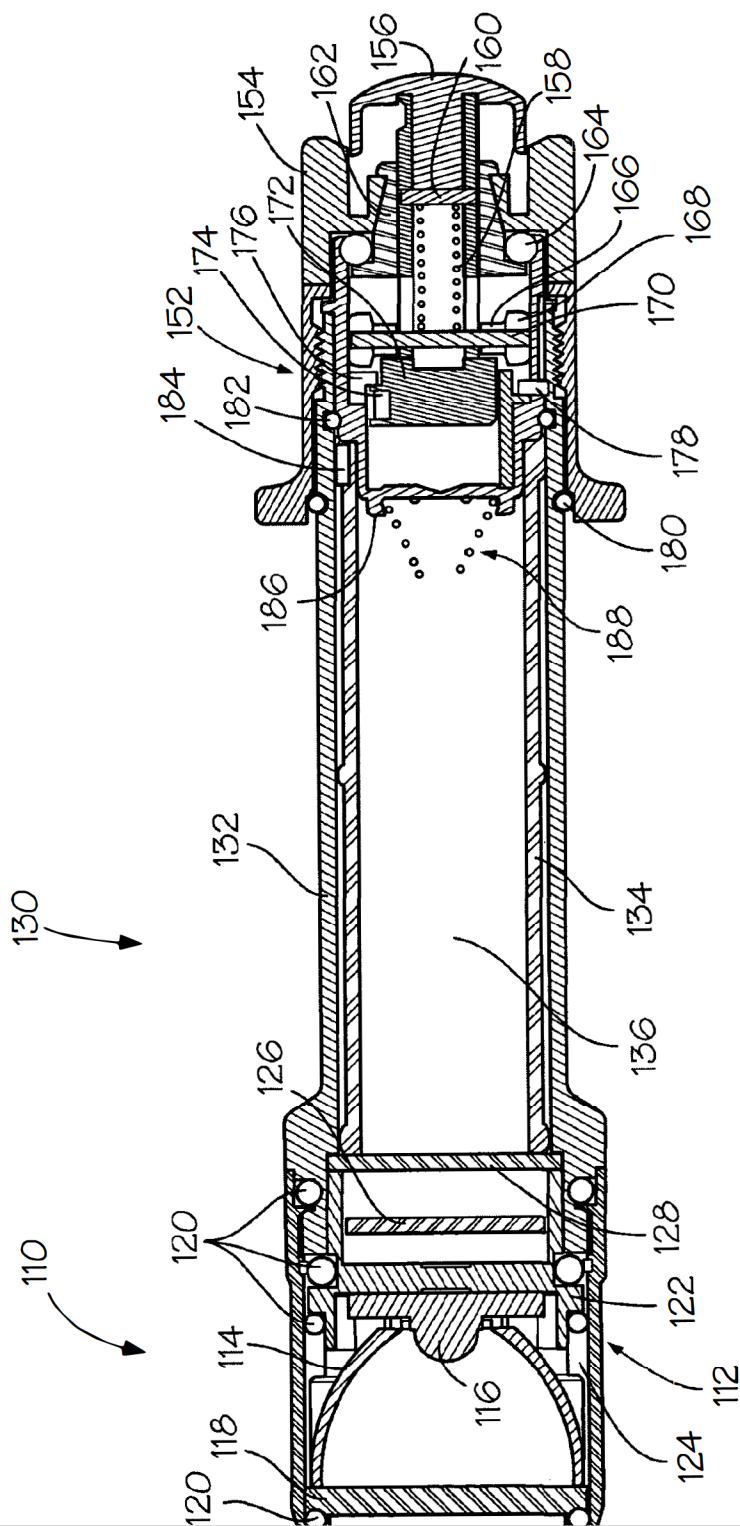


Fig. 2

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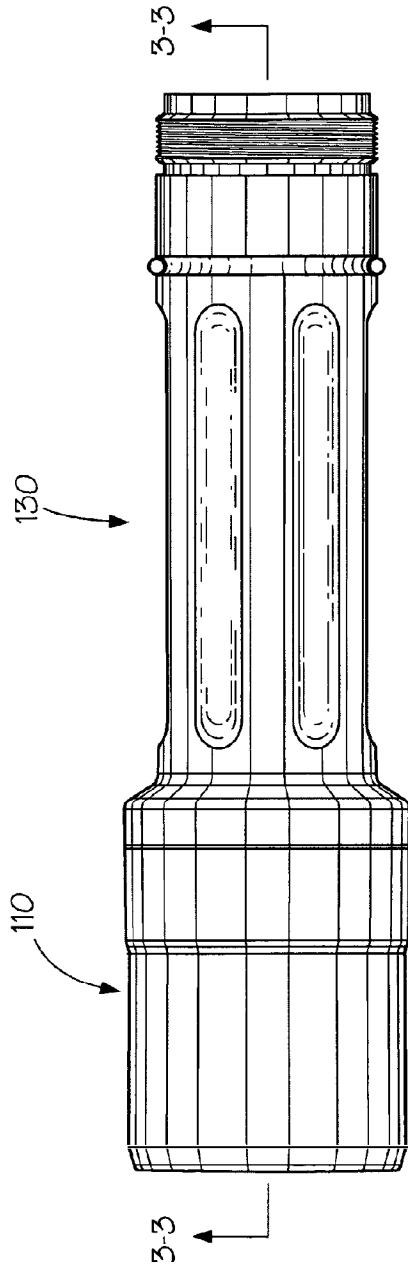


Fig. 3

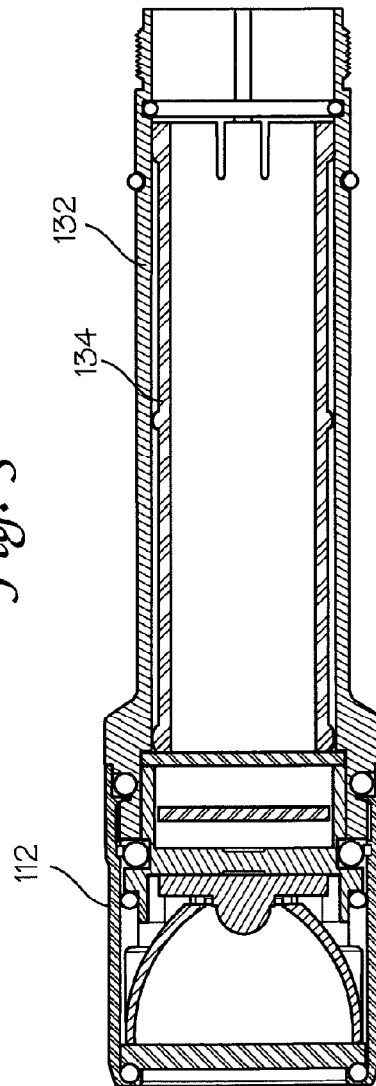


Fig. 4

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