

US008672518B2

## (12) United States Patent

## Boomgaarden et al.

#### (54) LOW PROFILE LIGHT AND ACCESSORY KIT FOR THE SAME

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- Subject to any disclaimer, the term of this (\*) Notice: patent is extended or adjusted under 35 U.S.C. 154(b) by 44 days.
- (21) Appl. No.: 13/476,388
- (22)Filed: May 21, 2012

#### (65)**Prior Publication Data**

US 2012/0262921 A1 Oct. 18, 2012

#### **Related U.S. Application Data**

- Continuation-in-part of application No. 12/775,310, (63) filed on May 6, 2010, now Pat. No. 8,201,968.
- (60) Provisional application No. 61/248,665, filed on Oct. 5, 2009.
- (51) Int. Cl. F21V 29/00
- (52)U.S. Cl. USPC ...... 362/294; 362/147; 362/148; 362/365; 362/235: 362/249.02

(2006.01)

(58) Field of Classification Search See application file for complete search history.

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#### (45) Date of Patent: Mar. 18, 2014

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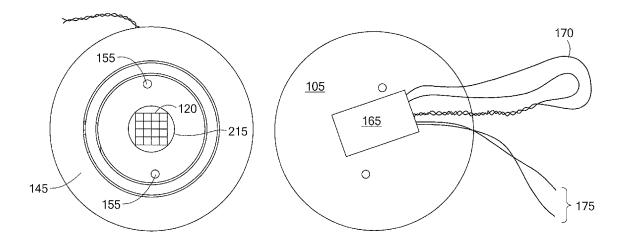
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#### (57)ABSTRACT

A luminaire includes a heat spreader; a heat sink; an LED light source; a power supply; an electrical supply line having a first end connected to the power supply, and a second end connected to a plug-in connector; and, an optic securely retained relative to the heat spreader or heat sink. An accessory kit includes a first pre-wired jumper including a pair of insulated electrical wires having a first plug-in connector electrically connected at one end and an Edison base electrically connected at the other end; and/or, a second pre-wired jumper including a pair of insulated electrical wires having a second plug-in connector electrically connected at one end and unconnected wire ends at the other end. The plug-in connector of the first pre-wired jumper and the second prewired jumper are each configured to electrically engage with the plug-in connector of the electrical supply line.

#### 15 Claims, 17 Drawing Sheets



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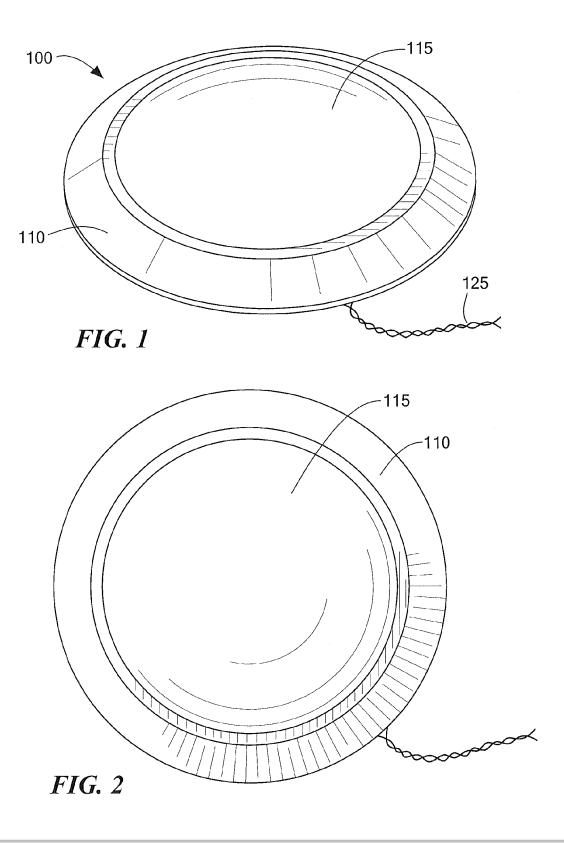
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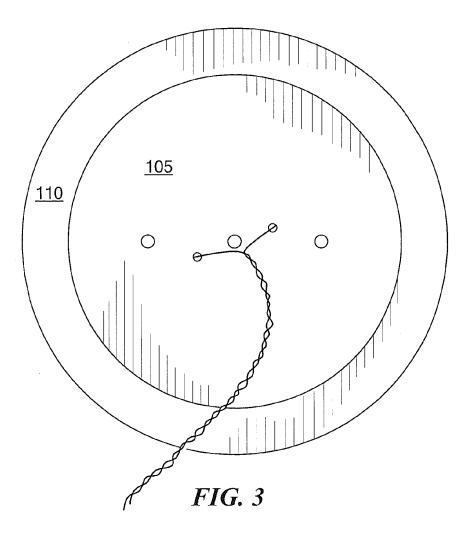


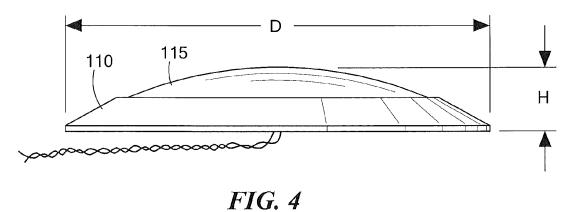
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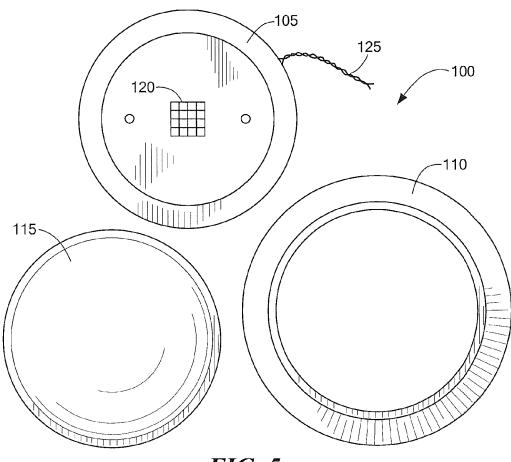


FIG. 5

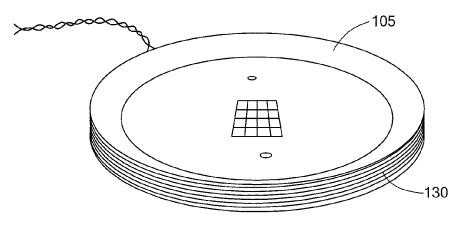


FIG. 6

## DOCKET A L A R M



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