

Ex. 1011



US008777449B2

(12) **United States Patent**  
**Van De Ven et al.**

(10) **Patent No.:** **US 8,777,449 B2**  
(45) **Date of Patent:** **Jul. 15, 2014**

(54) **LIGHTING DEVICES COMPRISING SOLID STATE LIGHT EMITTERS**

(75) Inventors: **Antony Paul Van De Ven**, Hong Kong (CN); **Wai Kwan Chan**, Hong Kong (CN); **Ho Chin Wah**, Hong Kong (CN)

(73) Assignee: **Cree, Inc.**, Durham, NC (US)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 319 days.

(21) Appl. No.: **12/566,861**

(22) Filed: **Sep. 25, 2009**

(65) **Prior Publication Data**

US 2011/0075422 A1 Mar. 31, 2011

(51) **Int. Cl.**  
**F21S 4/00** (2006.01)

(52) **U.S. Cl.**  
USPC ..... **362/249.02**; 362/401; 362/407; 362/640; 362/646

(58) **Field of Classification Search**  
USPC ..... 362/340, 646, 650, 249.02, 401, 407  
See application file for complete search history.

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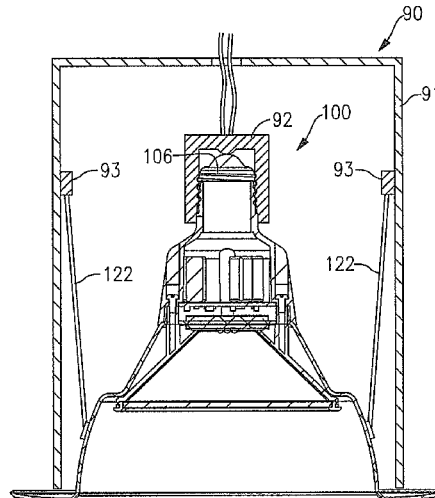
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*Primary Examiner* — Anabel Ton  
(74) *Attorney, Agent, or Firm* — Burr & Brown, PLLC

(57) **ABSTRACT**

A lighting device comprising a trim element, an electrical connector and at least one solid state light emitter, the lighting device weighing less than one kilogram. If current of about 12 watts (or in some cases about 15 watts, or in some cases not more than about 15 watts) is supplied to the electrical connector, the at least one solid state light emitter will illuminate so that the lighting device will emit white light of at least 500 lumens. Also, a lighting device that weighs less than one kilogram and can generate white light of at least 500 lumens using a current of not more than about 15 watts. Also, a lighting device for mounting in a recessed housing, comprising a unitary structure trim element that conducts heat away from at least one solid state light emitter and dissipates at least some of the heat outside of the recessed housing.

**14 Claims, 5 Drawing Sheets**



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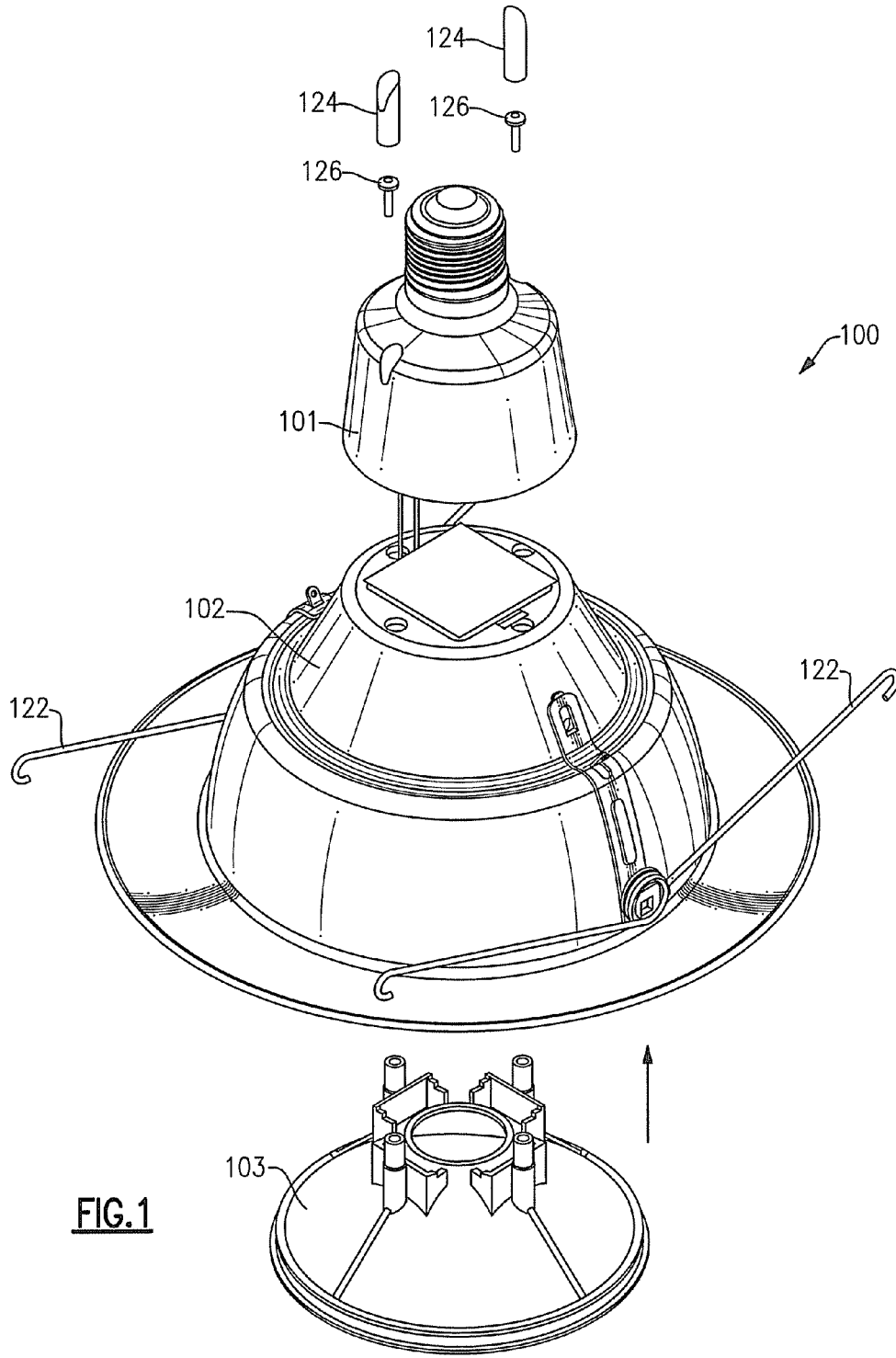


FIG.1

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