

Ex. 1009



US00772227B2

(12) **United States Patent**
Zhang et al.

(10) **Patent No.:** **US 7,722,227 B2**
(45) **Date of Patent:** **May 25, 2010**

(54) **LIGHTING FIXTURE WITH RECESSED
BAFFLE TRIM UNIT**

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Daniel Dix, Irvine, CA (US)

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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 0 days.

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(21) Appl. No.: **12/249,683**

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(22) Filed: **Oct. 10, 2008**

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(65) **Prior Publication Data**

US 2009/0097262 A1 Apr. 16, 2009

(57) **ABSTRACT**

Related U.S. Application Data

(63) Continuation of application No. 29/295,943, filed on
Oct. 10, 2007, now Pat. No. Des. 595,452.

(60) Provisional application No. 60/979,068, filed on Oct.
10, 2007.

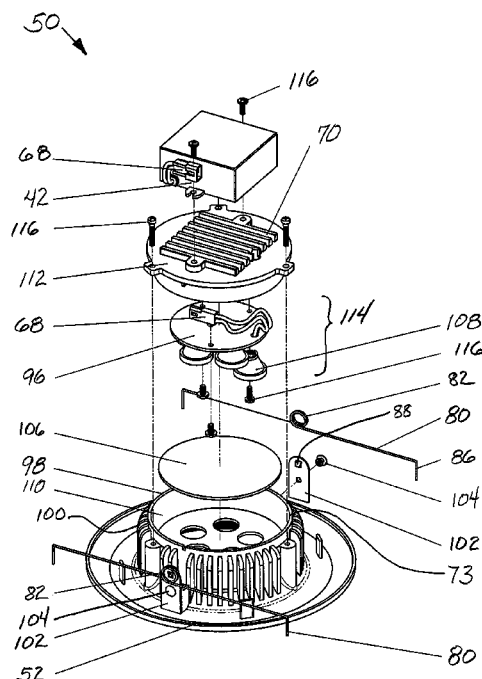
(51) **Int. Cl.**
F21V 17/00 (2006.01)

(52) **U.S. Cl.** **362/364**; 362/147; 362/294;
362/362; 362/365; 362/373

(58) **Field of Classification Search** 362/147–148,
362/294, 362, 364–366, 368, 372–373
See application file for complete search history.

A recessed lighting fixture providing illumination from a light source comprising a plurality of light emitting diodes (LEDs) placed within a cavity of a planar surface, such as a ceiling, wall, or shower. The fixture comprises a baffle integrated with a low profile heat sink that is used to draw heat out of the fixture and communicate that heat to a trim ring of the fixture for dissipation of the heat in the room so that higher intensity light sources can be used. Improved grounding of the recessed trim unit to the recessed housing is provided with combination support and grounding springs. One embodiment of the light source is fixed in position while a second embodiment is gimbal mounted for aiming the light produced by the fixture.

26 Claims, 20 Drawing Sheets



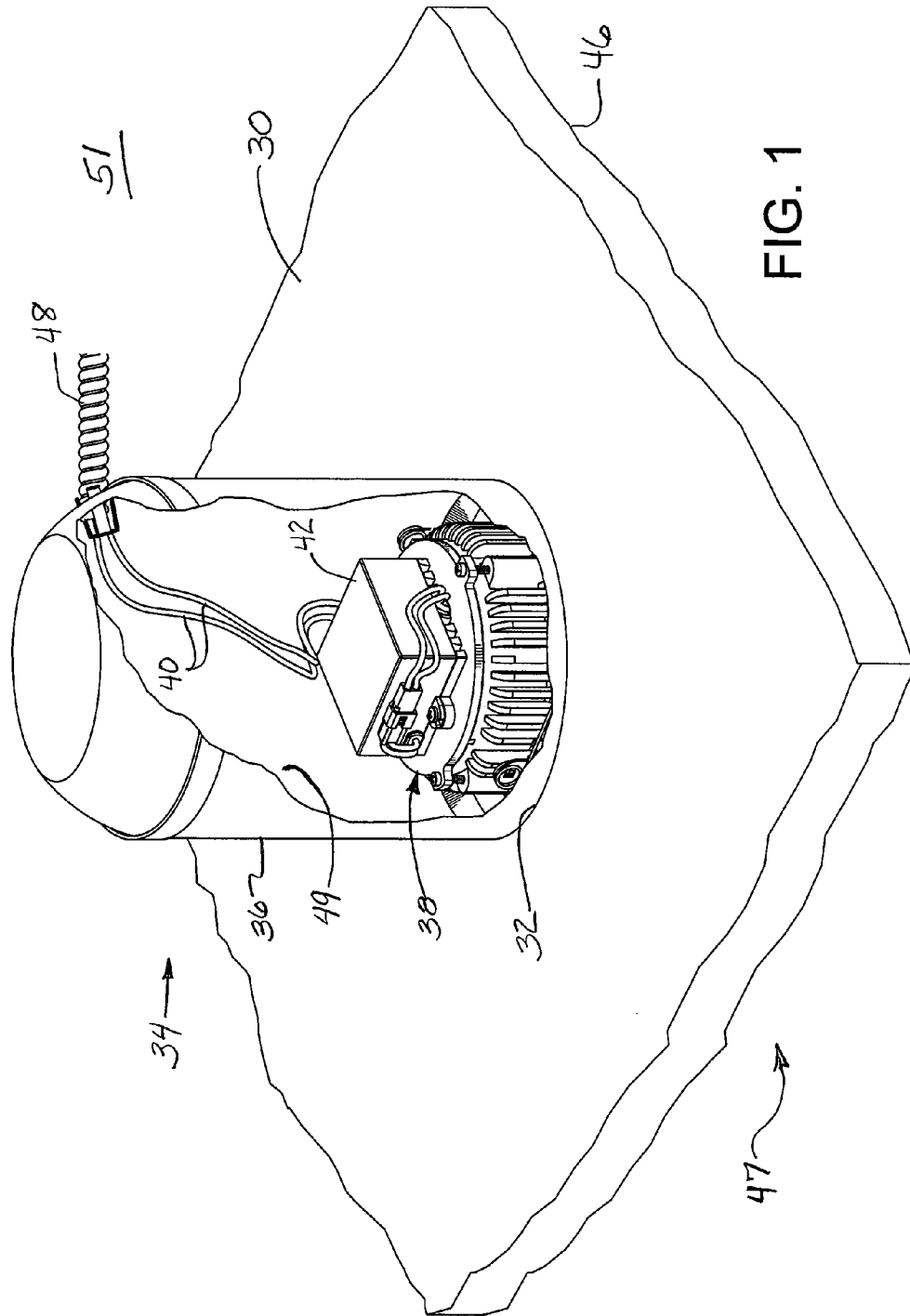
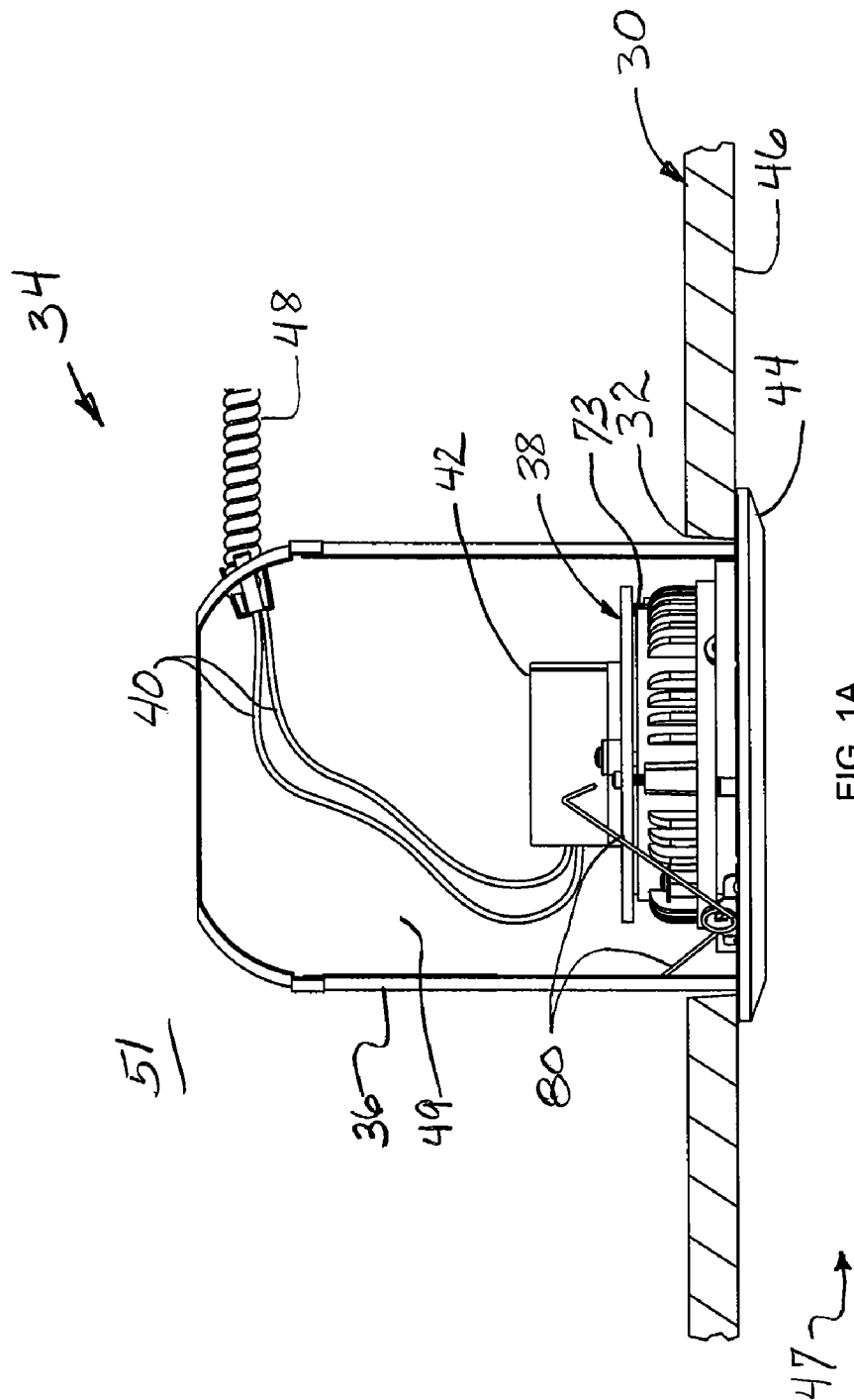


FIG. 1



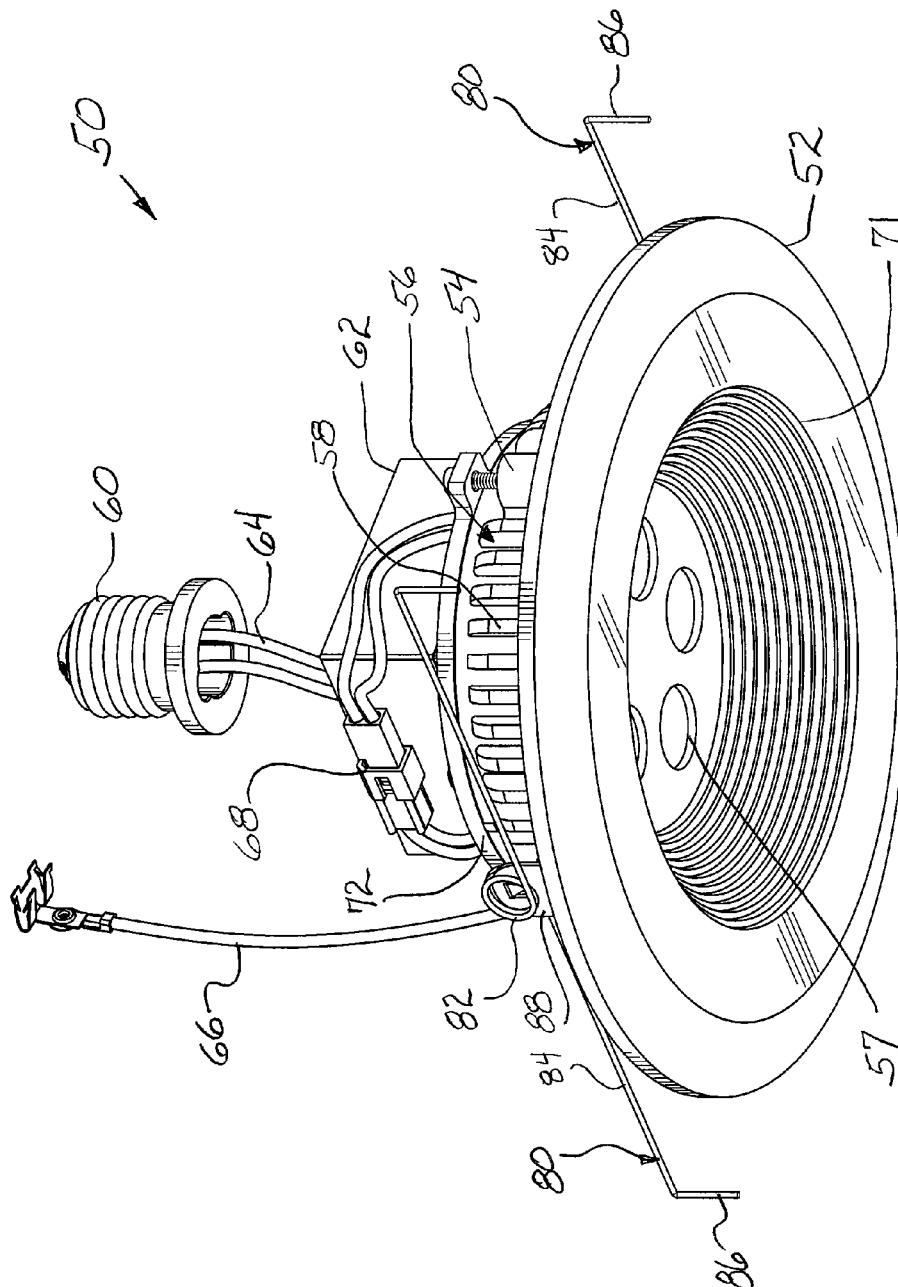


FIG. 2

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