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Zhang et al.

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

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patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

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(65) Prior Publication Data

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### 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)

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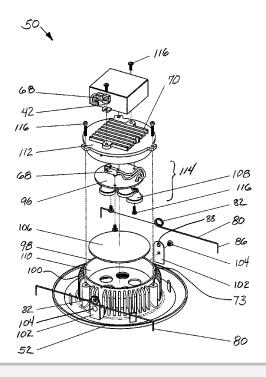
<sup>\*</sup> cited by examiner

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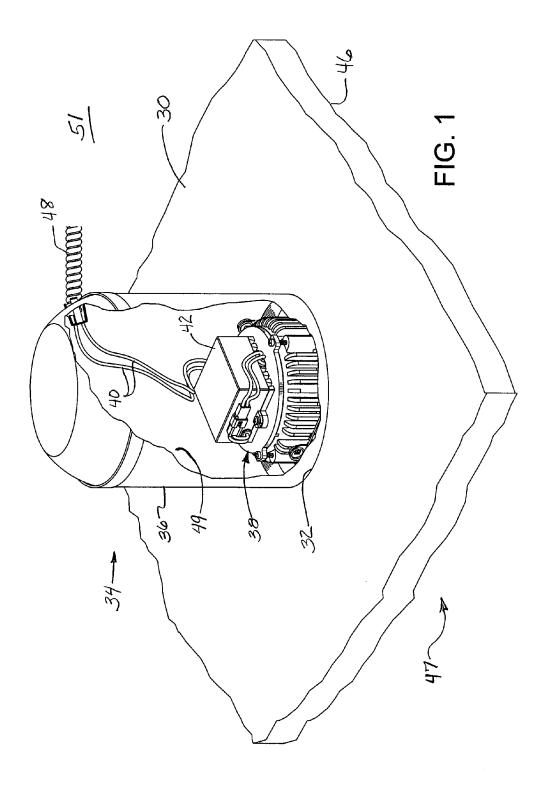
### (57) ABSTRACT

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.

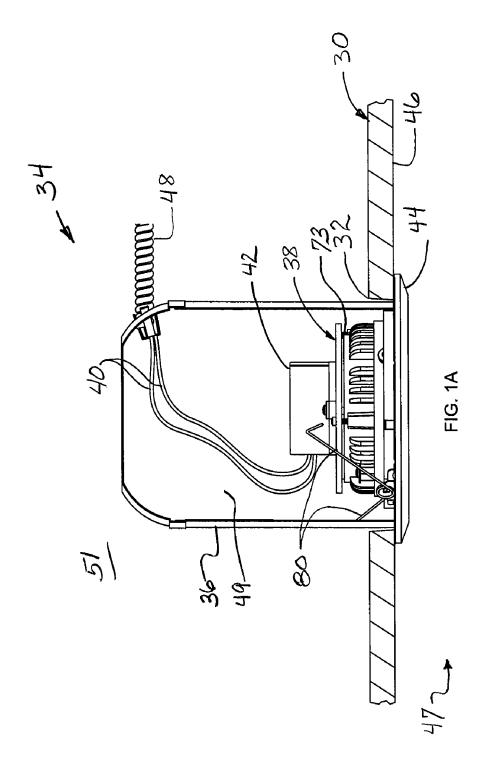
#### 26 Claims, 20 Drawing Sheets



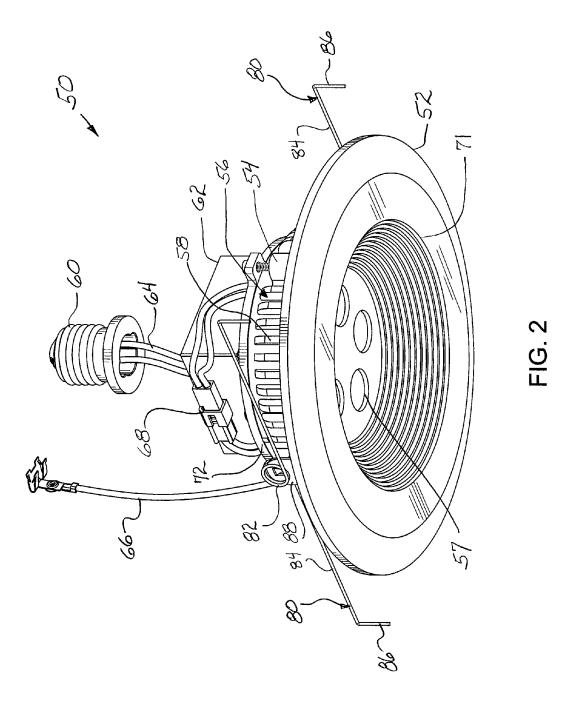




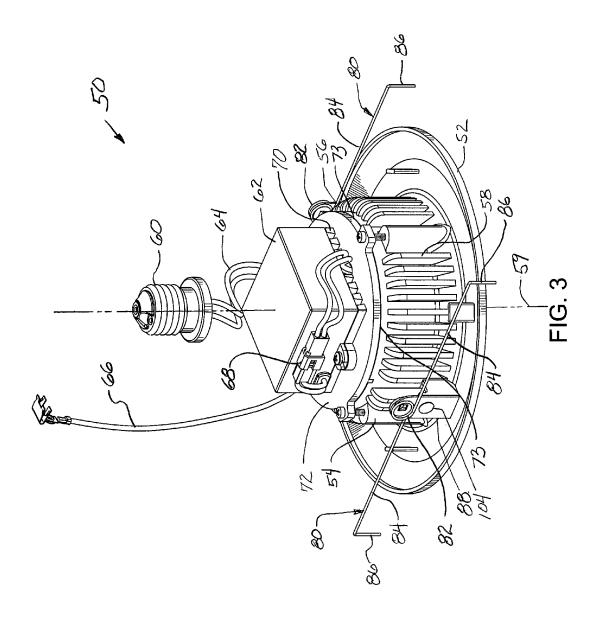














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