

Ex. 1012

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

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**(54) COMPACT FLUORESCENT LAMP HAVING A DETACHABLE TRANSLUCENT COVER**

**(75) Inventors:** **Yon W. Sung**, Franklin Lakes, NJ (US);  
**Fumin Guan**, Shanghai (CN)

**(73) Assignee:** **Maxlite-SK America, Inc.**, Totowa, NJ (US)

**(\*) 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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**(22) Filed:** **Jan. 5, 2000**

**(51) Int. Cl.<sup>7</sup> ..... F21V 3/00**

**(52) U.S. Cl. .... 362/255; 362/216; 362/260**

**(58) Field of Search ..... 362/216, 226, 362/255, 256, 260, 353, 363, 437, 455, 294; 313/318.9, 318.1**

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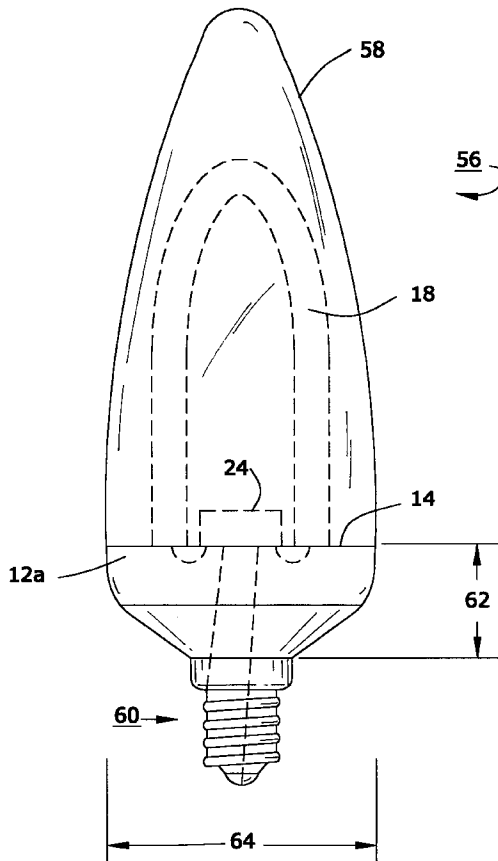
*Primary Examiner*—Y. Quach

*(74) Attorney, Agent, or Firm*—Harris Beach LLP

**(57) ABSTRACT**

A compact fluorescent lamp including a housing for enclosing a ballast and, optionally, a starter; a fluorescent light tube attached to the housing and electrically connected to the ballast; and a base electrically connected to the ballast and physically attached to the housing for connecting the lamp to an electrical receptacle. The housing is provided at an upper edge thereof with male or female mating elements, for example, threads, tabs, or slots. The lamp further includes a translucent cover or shroud for surrounding the fluorescent tube, having a closed form and being open at an end thereof, and being provided at the open end with male or female mating elements cooperative with the mating elements on the housing to directly, positively, and detachably attach the cover to the housing.

**6 Claims, 5 Drawing Sheets**



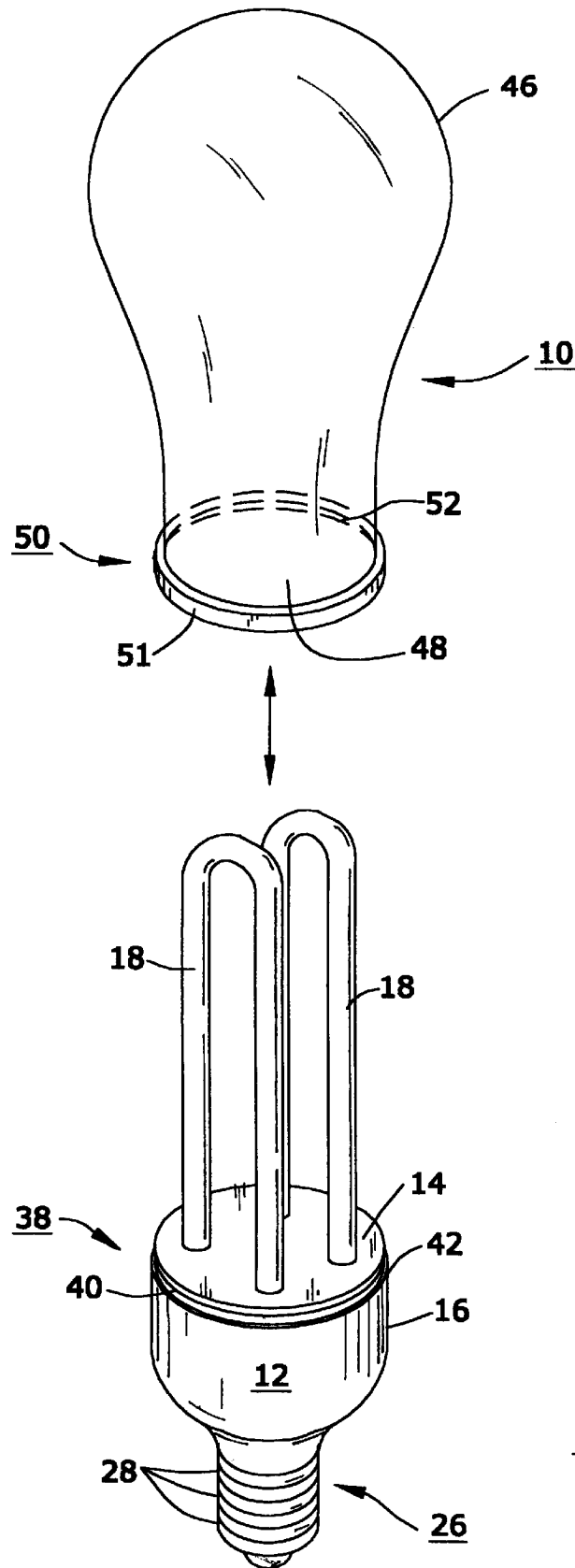
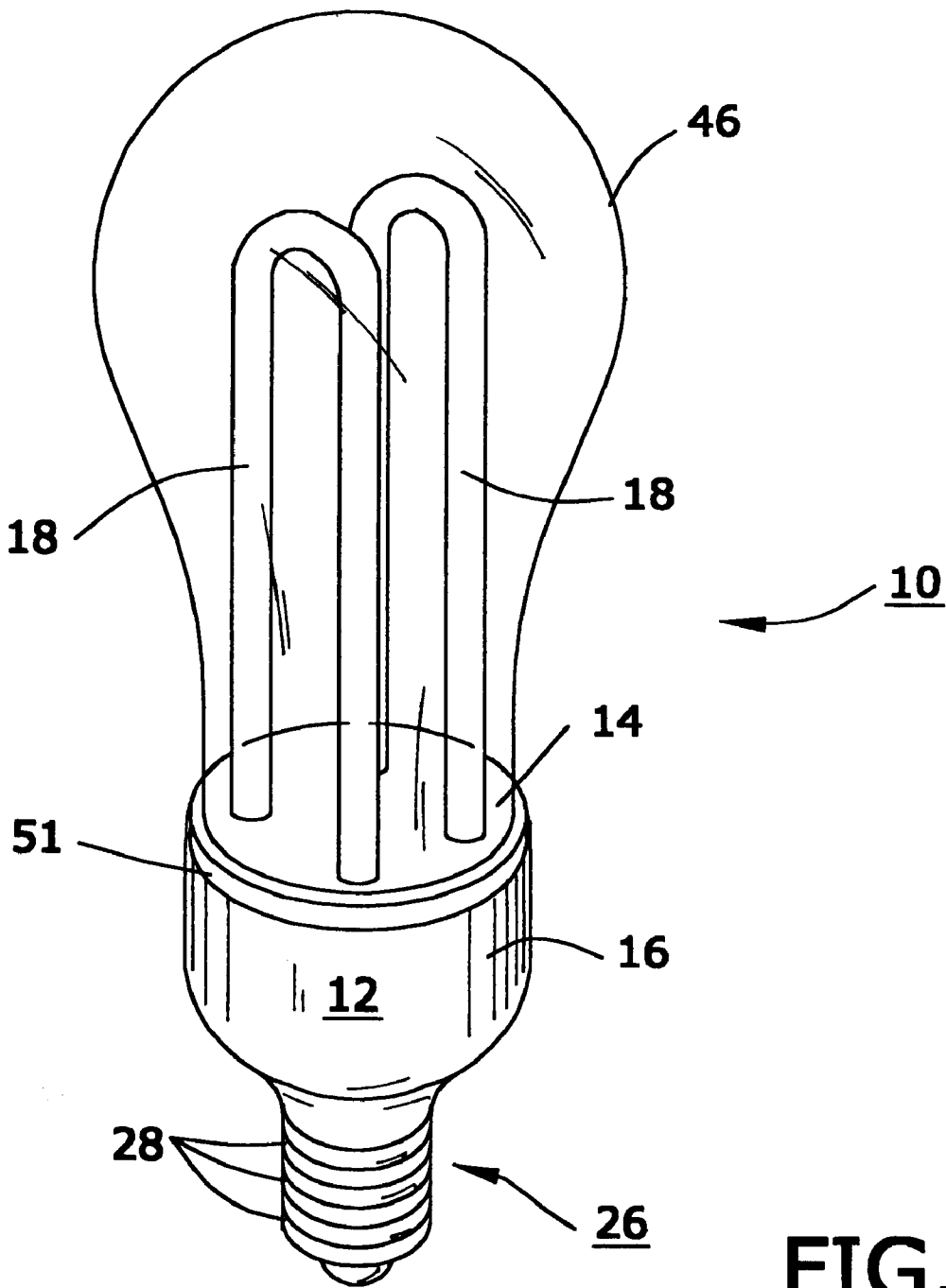


FIG. 1



**FIG. 2**

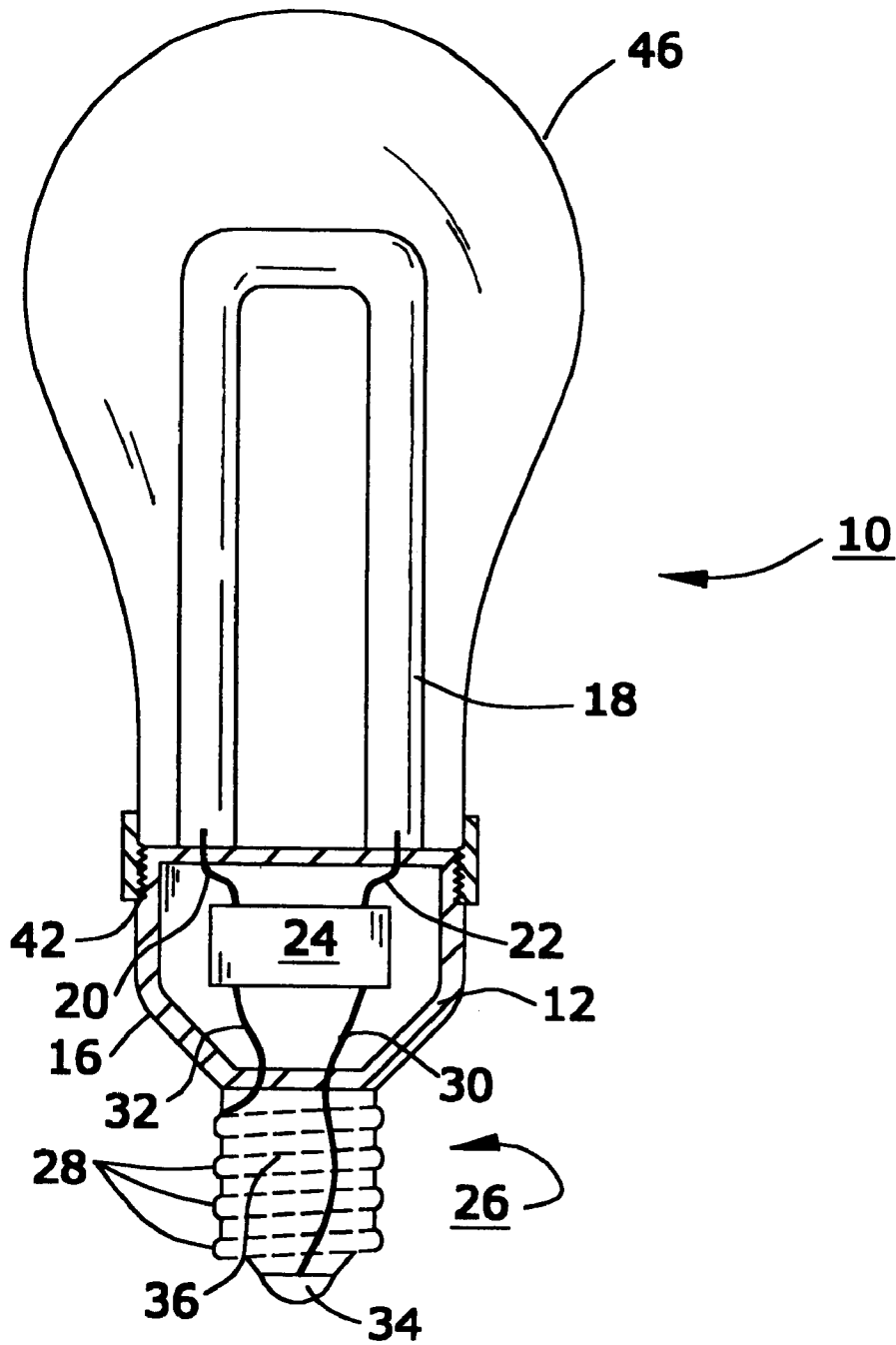


FIG. 3

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