

Dec. 21, 1954

E. ROSA

2,697,777

LAMP ADAPTER

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Fig. 1

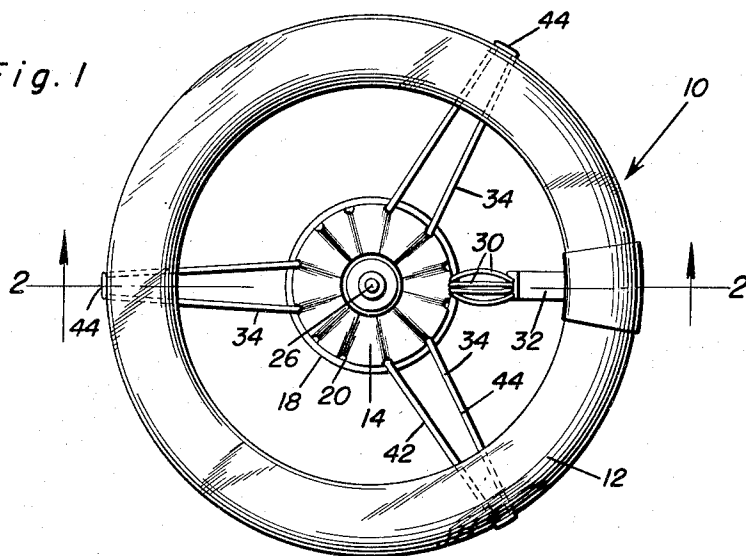


Fig. 2

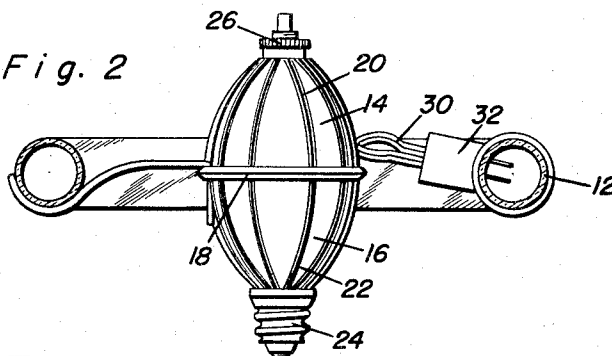


Fig. 3

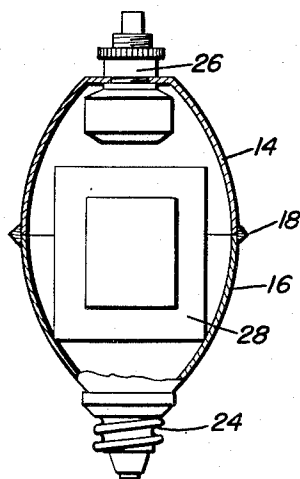
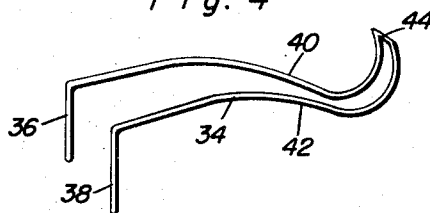


Fig. 4



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2,697,777

LAMP ADAPTER

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1 Claim. (Cl. 240—51.12)

This invention relates to the class of electric light fixtures and has as its particular object the provision of an adapter to be used in converting a lamp stand having a socket for a conventional incandescent lamp to a lamp stand capable of supporting a fluorescent lamp.

The construction of this invention features means to convert practically any type of lamp stand to a support for a tubular circular fluorescent lamp, this lamp adapter being readily screwed and fitted into the lamp socket of the lamp stand in lieu of an incandescent lamp in a simple and convenient manner, the lamp adapter containing all the necessary equipment to operate a fluorescent lamp.

Still further objects of the invention reside in the provision of a lamp adapter that is strong and durable, simple in construction and manufacture, capable of being produced at relatively low cost, and which is extremely ornamental in appearance.

These, together with the various ancillary objects and features of the invention which will become apparent as the following description proceeds, are attained by this lamp adapter, a preferred embodiment of which has been illustrated in the accompanying drawings, by way of example only, wherein:

Figure 1 is a top plan view showing the lamp adapter comprising the present invention operatively supporting a tubular circular fluorescent lamp;

Figure 2 is a vertical sectional view as taken along the plane of line 2—2 in Figure 1;

Figure 3 is an enlarged vertical sectional view of the body and associated elements used in this lamp adapter; and,

Figure 4 is a perspective view of one of the brackets which are associated with the body of the lamp adapter.

With continuing reference to the accompanying drawings wherein like reference numerals designate similar parts throughout the various views, reference numeral 10 generally designates the lamp adapter comprising the present invention which is designed to permit conventional lamp stands to be used to support tubular fluorescent lamps of circular shape as is indicated at 12. The lamp adapter is constructed from a body formed of two hemi-spherical sections 14 and 16 which may be formed from metal, or any other suitable material such as molded synthetic plastics or the like. A circumferential ring 18 is formed on one of the hemi-spherical sections 14 or 16 and the sections 14 and 16 are joined together by any suitable means. The body sections 14 and 16 are formed with aligned circumferentially spaced grooves 20 and 22

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therein which provide a highly ornamental appearance for the body. The body section 16 has attached thereto a threaded connector 24 which is adapted to be inserted and screwed into a socket in a conventional lamp stand.

A 4-wire switch 26 that functions "start-on-off" such as the push-button type switch illustrated is secured to the section 14. Carried internally within the body is a transformer acting as a ballast resistor 28. There are provided suitable conductors 30 which interconnect the switch 26, the ballast 28 and the threaded connector 24 with a plug connector 32 which is used to connect the other components of the invention with the fluorescent tube of circular shape 12. There are provided a plurality of brackets 34 for supporting the fluorescent tube 12 which are received in the grooves 20 between the circumferential ring 18 and the body formed by the sections 14 and 16. The brackets 34 are each formed with legs 36 and 38 which are integrally formed with arcuate supporting elements 40 and 42 which are joined by central connecting portion 44. The arcuate elements 40 and 42 extend outwardly from the circumferential ring 18 and substantially embrace the fluorescent tube 12.

It is to be understood that this invention may be used with any type of conventional lamp stand now in use. The lamp adapter may be secured in the lamp stand in the position as is shown in the drawings or may be overturned when used with an overhanging lamp. By moving the brackets 34 in the same manner this adapter can also be used in conjunction with lamp stands having a shade support without any alteration.

Since from the foregoing, the construction and advantages of this lamp adapter are readily apparent, further description is believed to be unnecessary.

However, since numerous modifications will readily occur to those skilled in the art after a consideration of the foregoing specification and accompanying drawings, it is not intended to limit the invention to the precise embodiment shown and described, but all suitable modifications and equivalents may be readily resorted to that fall within the scope of the appended claim.

What is claimed as new is as follows:

A lamp adapter comprising a body, said body including a first section and a second section, a circumferential ring on said body secured to said first section and to said second section securing said first section to said second section, a plurality of circumferentially spaced grooves in said body, and a plurality of brackets, said brackets having hook portions detachably engaged in said grooves between said ring and said body, said brackets having arcuate free end portions adapted to support a circular fluorescent lamp.

References Cited in the file of this patent

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