July 20, 1937. S. PELUSE 2,087,812

PORTABLE LAMP BRACKET

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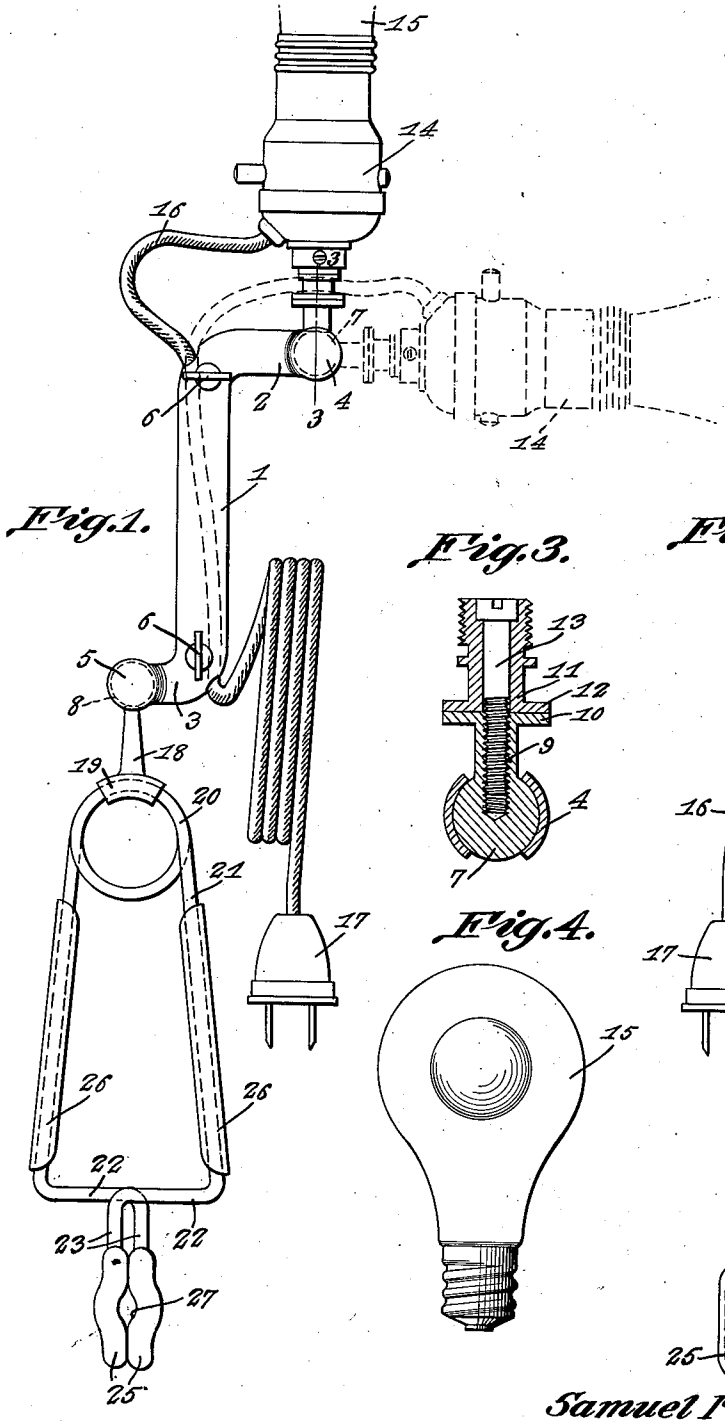


Fig. 1.

Fig. 3.

Fig. 4.

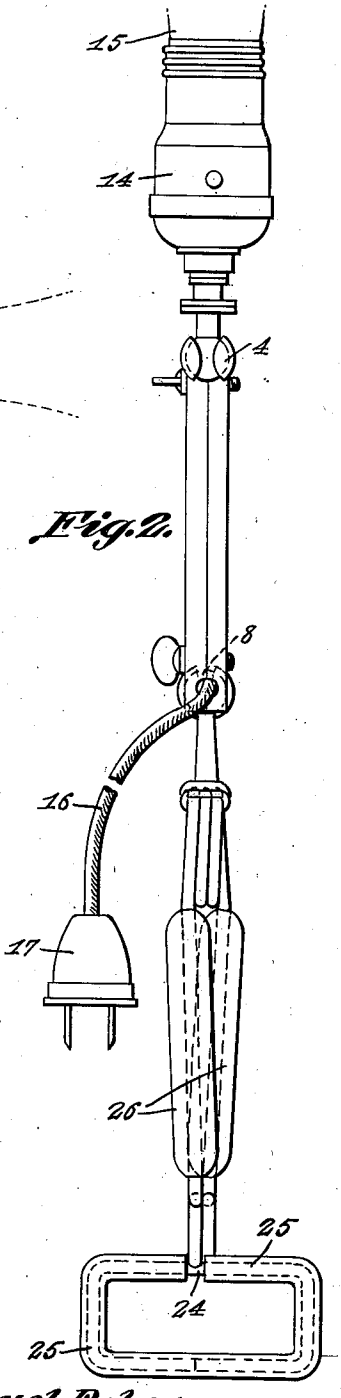


Fig. 2.

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PORTABLE LAMP BRACKET

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1 Claim. (Cl. 248—276)

This invention relates to lamp brackets, and its general object is to provide a portable lamp bracket which can be used for supporting a lamp for any purpose, but is primarily designed for use by physicians, surgeons and the like with the so-called bull's-eye lamp bulb, in combination with a head band mirror, for the examination of patients, especially the ears, nose and throat, in that the bracket is adjustable to place the bulb in any position desired.

A further object is to provide a portable lamp bracket that can be clamped in position for use to any convenient supporting means, such as a chair back or the like.

A still further object is to provide a lamp bracket that is simple in construction, inexpensive to manufacture, and foldable to compact form to take up minimum space, and is extremely efficient in use, operation and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claim.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a side elevation of the lamp bracket which forms the subject matter of the present invention, with the lamp socket in one position in full lines and in another position in dotted lines.

Figure 2 is an edge elevation thereof.

Figure 3 is a sectional view taken approximately on line 3—3 of Figure 1.

Figure 4 is a view of the so-called bull's-eye lamp bulb.

While it has been previously set forth, that my bracket is primarily designed for use with a certain type of bulb, for the examination of patients, it will of course be understood that the bracket can be used with any type of bulb and for any purpose desired. In any event the bracket includes what may be termed a handle 1 that is preferably made up of a pair of like companion sections to provide an elongated body providing hand gripping means which terminates at the ends thereof in offset portions 2 and 3 extending at right angles with respect thereto and in opposite directions with respect to each other, as clearly shown in Figure 1.

The outer ends of the offset portions 2 terminate in sockets 4 and 5, and the sections are held together by thumb screws 6 that are disposed adjacent to the juncture of the offset portions with the body for disposing the socket members of the sections in association with each other and with respect to balls 7 and 8. The ball 7 is received in the socket 4 and is formed on one end of a sleeve 9 which is interiorly threaded as shown in Figure 3 and has formed on the opposite end thereof a flange 10. Cooperating with the sleeve 9 is a sleeve 11 having a flange 12 on one end thereof, for engagement with the flange 10 and the sleeve 11 is secured in axial alignment with respect to the sleeve 9 through the instrumentality of a screw bolt 13 that has its head countersunk within the sleeve 11, while the shank thereof extends through the latter sleeve and is threaded into the sleeve 9. By that construction, it will be obvious that the sleeves are rotatably associated, and the outer end of the sleeve 11 is exteriorly threaded to receive a socket 14 for a lamp bulb 15, the latter as best shown in Figure 4 is of the so-called bull's eye type, and the socket 14 is of the push button type. However, any type of socket and lamp bulb may be used with my bracket as will be apparent.

Connected to the socket 14 in the usual manner, is a conductor 16 which extends through the handle 1, and preferably through openings disposed in the body at the point of juncture of the offset portions 2 and 3 therewith, as best shown in Figure 1. The conductor has the usual plug 17 secured on its free end.

The ball 8 which is received in the socket 5 has formed thereon a shank 18 that is shown as being tapered outwardly from its point of connection with the ball and the outer end of the shank 18 has formed thereon an arcuate collar 19 within which is fixed the coils 20 of a support engaging clamp that includes spring arms 21 extending from the coils 20, the arms having right angled bent outer end portions 22 which extend toward each other and terminate in outwardly directed extensions 23, the extensions having formed or otherwise secured thereto rectangular members that provide support receiving jaws 24. The jaws are preferably covered with rubber sleeves 25 or the like as shown, and the spring arms have secured thereto gripping plates 26, to facilitate opening the jaws against the action of the coils 20, and the jaws are preferably outwardly curved as at 27, so as to more readily set up a gripping association with a rounded supporting means, as will be apparent, but it is obvious that the jaws can be applied to any type

of supporting means, such as a back of a chair or the like, or other furniture, for securing the bracket in position for use.

From the above description and disclosure of the drawing, it will be obvious that I have provided a bracket for a lamp bulb that is capable of being adjusted to any position desired, due to the ball and socket joints, and the coupling which includes the sleeves 9 and 11, and due to the shape of the handle, which includes the offset portions 2 and 3, it will be further obvious that the lamp including its socket and the support receiving clamp can be disposed in a plane parallel with the body, when the bracket is folded, so as to take up minimum space when not in use.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

I claim:—

A portable lamp bracket comprising a handle, a lamp socket, means connecting the lamp socket to one end of the handle and including a pair of sleeves, means extending through one sleeve and threaded in the other for securing the sleeves together in axial alignment for movement relative to each other, a threaded outer end for the first sleeve and secured in the lamp socket, a ball on the outer end of the second sleeve and mounted in said end of the handle for universal movement, and a support clamping means connected to the opposite end of the handle.

SAMUEL PELUSE.