

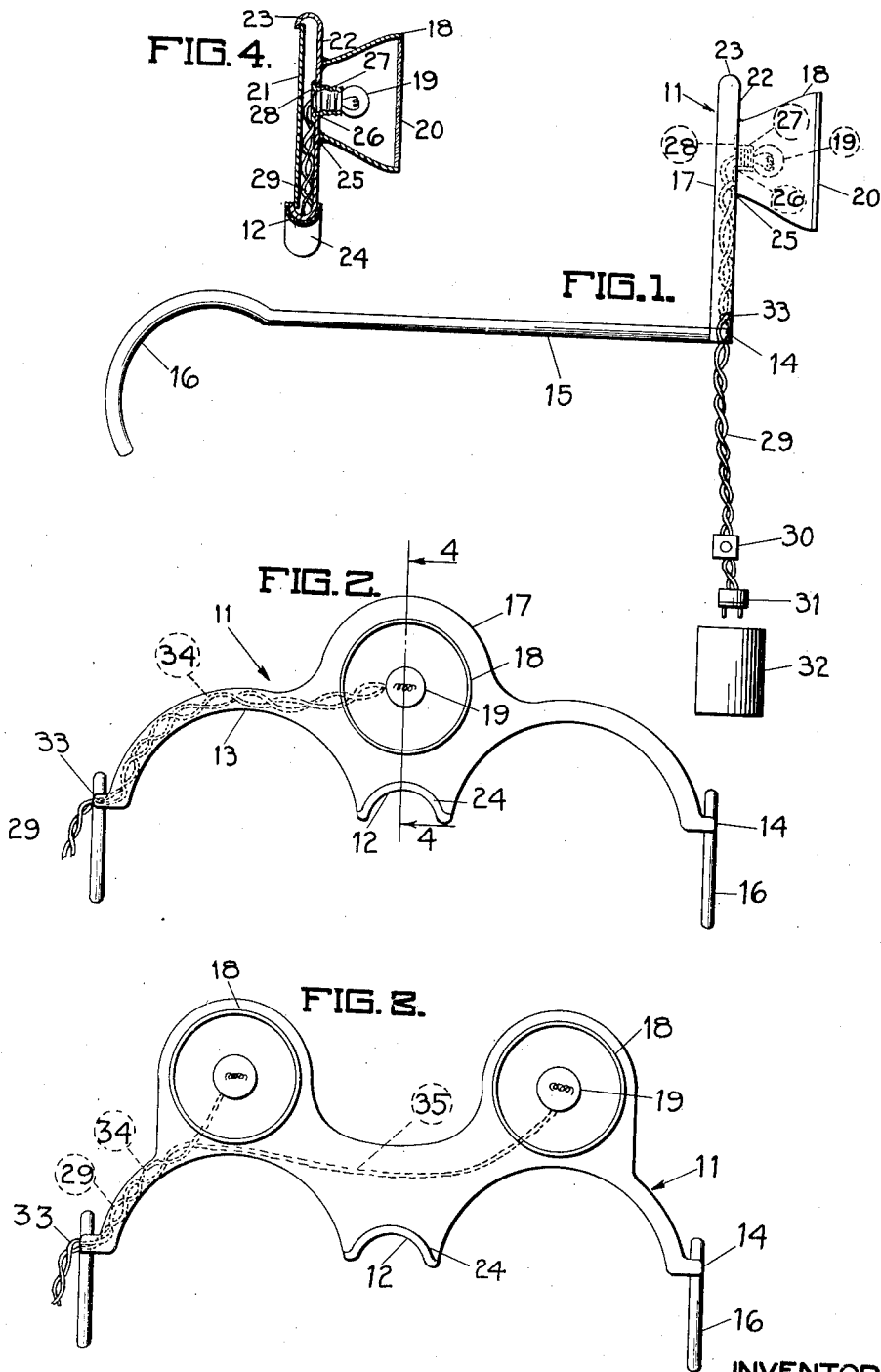
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SPECTACLE TYPE OF LAMP HOLDER

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# UNITED STATES PATENT OFFICE

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SPECTACLE TYPE OF LAMP HOLDER

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An object and feature of my invention is a lamp holder or support for electric lamp which may be worn as spectacles, that is, the device has a nose bridge to rest on the nose and has ear bows to engage the ears to hold the frame in place. Such frame has mounted therein one or more electric lamps, such lamps deriving their power from a storage battery which may be carried in the wearer's pocket and have electric wires leading from the battery to the lamp.

My invention is particularly of use for persons required to read meters and make other observations in dark places, as the spectacle type frame in which the lamp is mounted forms a convenient holder for the lamp, leaving the hands free, and the positioning of the head to make the observation shines the light on the dial or other object to be illuminated.

My invention is illustrated in the accompanying drawing, in which:

Fig. 1 is a side elevation of my invention;

Fig. 2 is a front elevation showing the device with a single lamp;

Fig. 3 is a front elevation showing the device with a plurality of lamps;

Fig. 4 is a vertical section on the line 4—4 of Fig. 2 in the direction of the arrows.

In the illustrations, referring first to the construction of Fig. 2, this depicts a frame 11 having a central nose bridge 12, and a pair of arched bars 13 leading outwardly therefrom to the pivot or hinge 14, to which is connected the ear bows 15, these bows having a curved section 16 to extend around the ears. Directly over the nose bridge there is a plate 17 to which is secured a reflector 18 and in this reflector is mounted a lamp bulb 19. The reflector is preferably provided with a lense 20 on the front.

The frame may be built up in many different manners but I have found it convenient to form this with a back plate 21 and a front plate 22, the front plate having curled edges 23, these curled edges being lapped over the back plate, and they may be either loosely attached, crimped, or soldered. The nose bridge preferably has a padding 24 which may be made of rubber or other suitable material attached to the lower edge of the cen-

ter portion of the frame. The reflectors 18 are attached to the front plate 22 preferably by a soldered connection 25. Centrally positioned in the reflector and in the front face there is a perforation 26 in which is fitted a screw socket 27, this being illustrated as having an internal flange 28 extending underneath the front plate.

The electric lead wires 29 are illustrated as having a switch 30 therein and a plug 31, this plug being connectible to a battery 32. The wires enter the frame adjacent the pivotal connection of the bows, there being an opening 33 for this purpose. The wires then lead through the arched bar 13 as indicated at 34 in Figs. 2 or 3, and in Fig. 3 an additional lead 35 extends to the more remote lamp.

The lamps are illustrated as having two leads connected to the socket, the lamp bulb being screw threaded into the socket, but, if desired, one side of the circuit may be grounded to the frame and the lamp also grounded to the frame with one of the leads 29 then connecting to the frame and the other extending to the socket.

It will be seen that this construction forms a guide conduit for the electric wiring and that the space between the front and back plates of the frame gives sufficient space to accommodate such wires. It will be understood, however, that if a simpler type of device is desired the back plate may be omitted, in which case the electric lead wires are preferably attached in any suitable manner to the front plate.

Various changes may be made in the details of construction without departing from the spirit or scope of the invention as defined by the appended claims.

I claim:

1. A lamp holder having a plate, said plate having a lower portion, the lower portion having a central nose bridge and a pair of lateral arches, a reflector secured to said plate and a lamp socket attached to the plate positioned centrally of the reflector, and ear bows connected to the plate at the outer end of the arches, said arches at their upper part being adapted for positioning approximately the level of the eyebrows, and the lamp socket

being adapted for positioning in front of a person's forehead.

2. A lamp holder having a flat plate with its lower edge formed with a nose bridge, and a pair of arched portions on opposite sides of the nose bridge, a reflector secured to the plate above the arched portions, a lamp socket positioned centrally of the reflector, ear bows secured to the ends of the plate at the ends of the arches, said arches being adapted to extend to substantially the level of the wearer's eyebrows and the lamp sockets to be positioned in front of the wearer's forehead.

3. A lamp holder having a front and back plate spaced apart, each of said plates having a central nose bridge and a pair of lateral arches, one of the plates being molded with rounded edges, a reflector secured to the front plate, a lamp socket attached to the front plate centrally of the reflector, electric lead wires extending from the socket between the plates, and ear bows attached to the ends of the plates at the outer ends of the lateral arches, said arches being adapted to be positioned at approximately the level of the wearer's eyebrows, and the lamp socket to be in front of the wearer's forehead.

4. A lamp holder as claimed in claim 3, said plates having upward projections above the arches with the reflectors and the lamp sockets positioned vertically above such arches.

In testimony whereof I have signed my name to this specification.

IRENEO ROTEA.

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