

No. 751,862.

PATENTED FEB. 9, 1904.

A. S. LYHNE.  
SHADE HOLDER.

APPLICATION FILED NOV. 2, 1903.

NO MODEL.

Fig. 1.

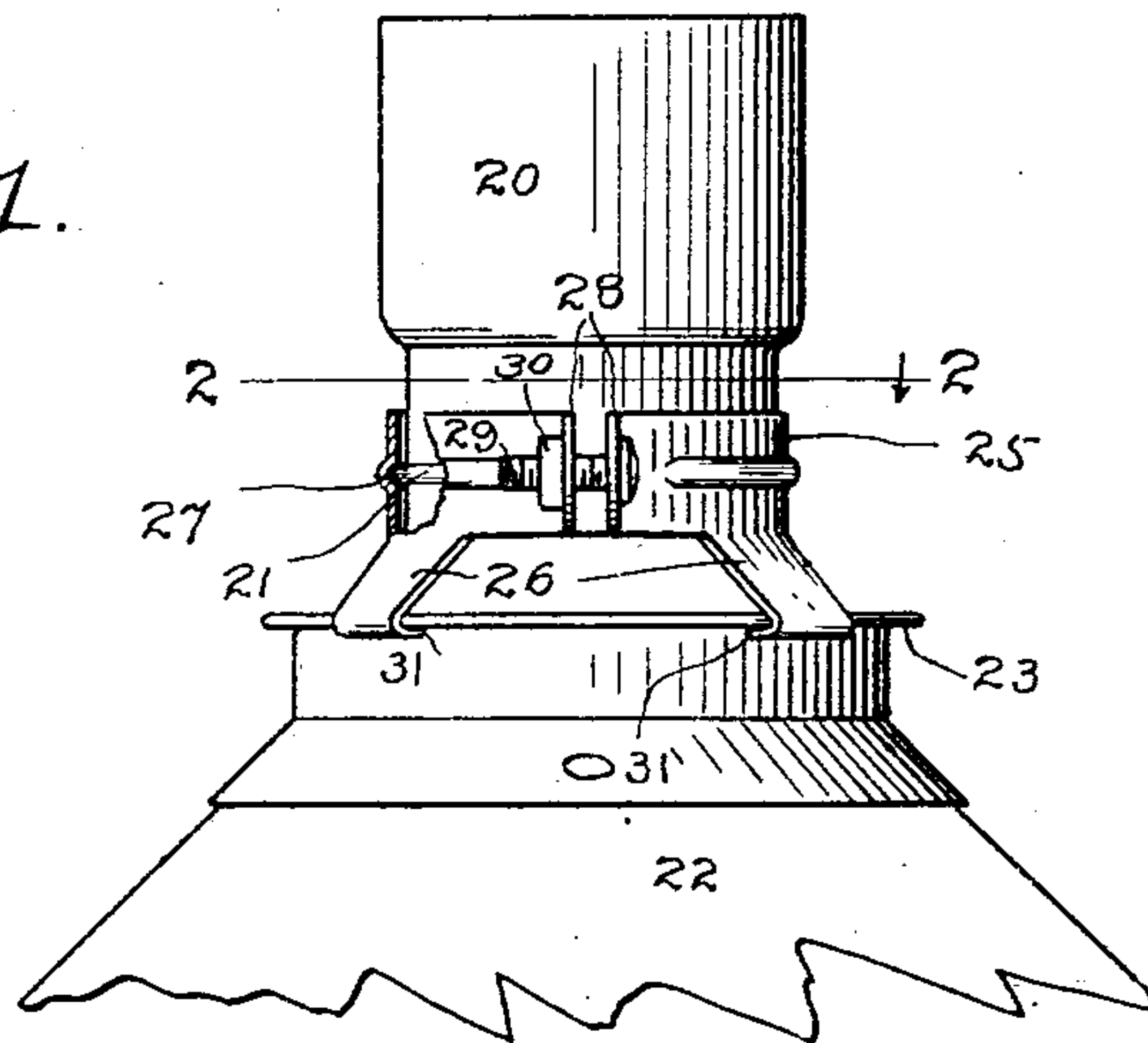


Fig. 2.

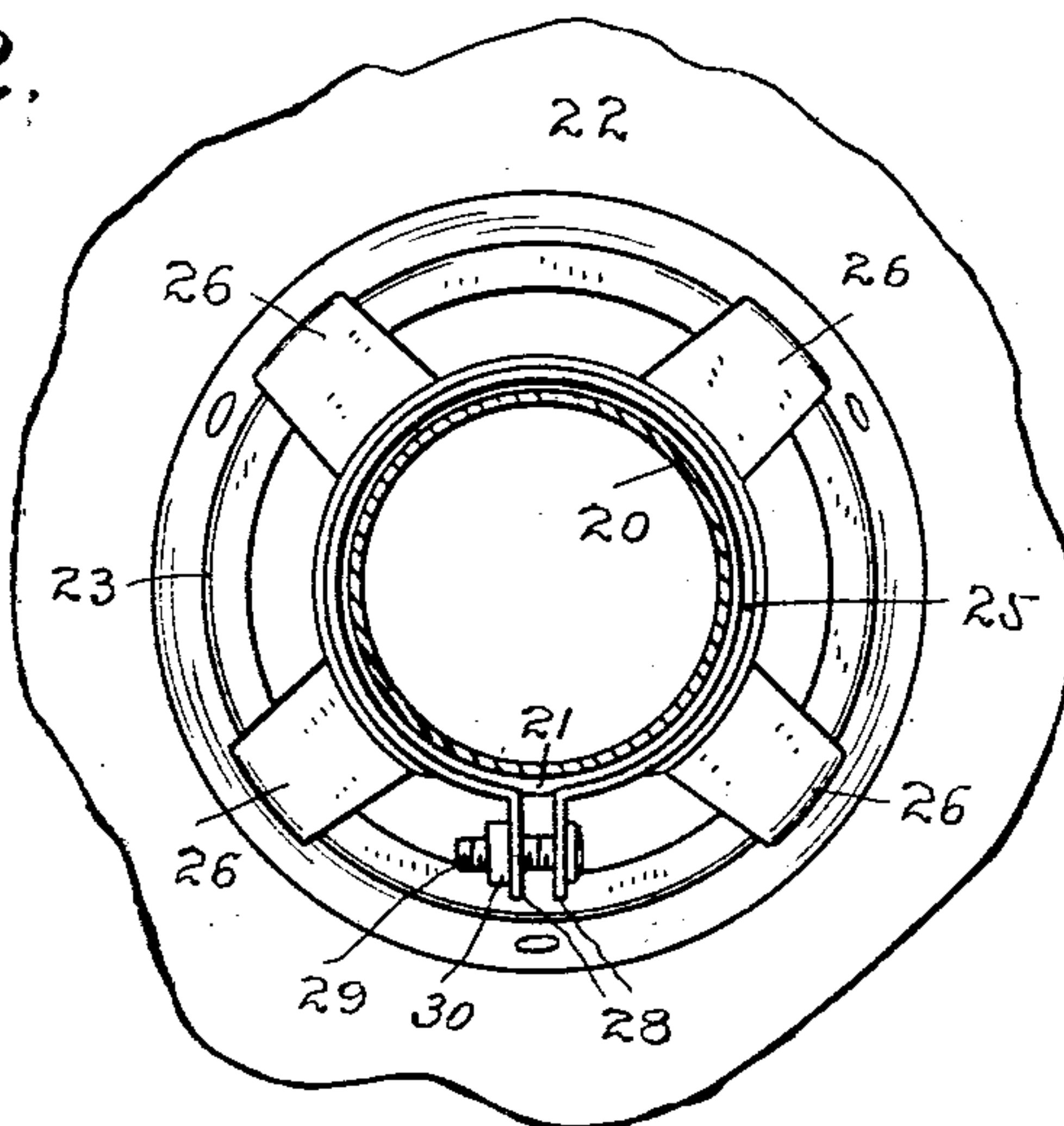
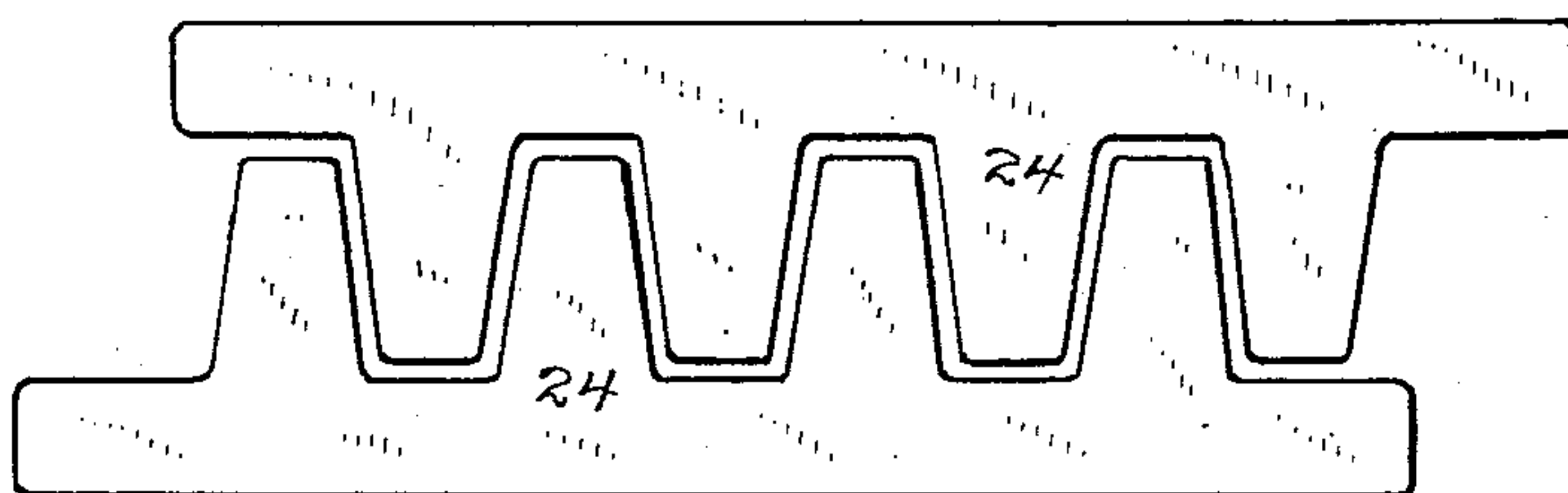


Fig. 3.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

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## SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 751,862, dated February 9, 1904.

Application filed November 2, 1903. Serial No. 179,450. (No model.)

*To all whom it may concern:*

Be it known that I, ANKER S. LYHNE, a citizen of the United States, residing at Bridgeport, county of Fairfield, State of Connecticut, have invented a new and useful Shade-Holder, of which the following is a specification.

My invention relates more especially to the class of shade-holders used in attaching shades to incandescent-lamp sockets.

Standard socket-shells are usually provided near their lower ends with a circumferential rib, the type of shades ordinarily used in connection therewith being provided with an outwardly-turned attaching-flange.

My invention has for its object to produce shade-holders having but a single screw and adapted to firmly engage both the socket-shell and the shade and which shall, moreover, be so shaped as to adapt them to be blanked out in pairs from a strip of sheet metal and practically without waste of metal, as the arms of each pair of shade-holders are interlocking.

In the accompanying drawings, forming a part of this specification, Figure 1 is an elevation showing a shade attached to a socket-shell by one of my novel holders; Fig. 2, a section of the socket-shell on the line 2 2 in Fig. 1, showing the shade-holder and shade in plan; and Fig. 3 is a plan view illustrating the manner in which my novel shade-holders are blanked out in pairs from a strip of sheet metal and showing the interlocking arms.

20 denotes a socket-shell, shown as provided with the usual circumferential rib 21, and 22 is a shade provided with an outwardly-turned attaching-flange 23.

The blanks from which my novel shade-holders are formed are clearly illustrated in Fig. 3 and are indicated by 24. Each blank comprises a strip which when formed becomes the band 25 of the holder and a plurality of arms (in the present instance four) which when formed to shape are the arms 26 of the holder. The band is provided on its inner side with a groove 27, which is adapted to receive and closely engage the rib of a standard socket-shell, and the ends thereof are outwardly turned to form attaching-ears 28. A screw 29 passes freely through one of the ears and

engages a boss 30 on the other ear, which is threaded to receive it. The arms are bent outward obliquely from the band at the desired angle, and the lower ends thereof are bent downward and inward, forming hooks 31, which are adapted to engage the attaching-flange of a shade, as clearly shown in Fig. 1.

The operation will be readily understood from Figs. 1 and 2, although the holder is only shown as in the attaching position. As soon as the screw is loosened the resiliency of the band causes it to open outward, so that it will slip off from rib 21 on the socket-shell, the hooks upon the arms, however, still remaining in engagement with the attaching-flange of the shade unless the screw is turned well out. It is not, however, necessary to turn the screw entirely out to detach the shade, as the flange may be readily sprung out of engagement with the hooks when the band-screw is loosened. When the holder is in place upon a socket-shell, tightening the screw locks the band to the shell through the engagement of the groove in the band with the rib on the shell and also causes the hooks upon the arms to grip the attaching-flange of the shade closely, so that the shade will be held securely in place and without rattling or looseness.

Having thus described my invention, I claim—

A shade-holder of the character described comprising a strip and a plurality of integral uniform arms extending therefrom, said strip forming the attaching-band of a holder and provided with a groove and its ends being turned outward to form ears, and the arms being provided at their ends with hooks to engage the attaching-flange of a shade, and a screw engaging the ears of the band, whereby the band is caused to grip a socket-shell and the hooks are simultaneously closed upon the attaching-flange of a shade.

In testimony whereof I affix my signature in presence of two witnesses.

ANKER S. LYHNE.

Witnesses:

W. PERRY DOWNS,

W. S. STAPLEY.