

A. R. PRITCHARD.
 LANTERN ATTACHMENT.
 APPLICATION FILED NOV. 12, 1910.

983,567.

Patented Feb. 7, 1911.

Fig. 1.

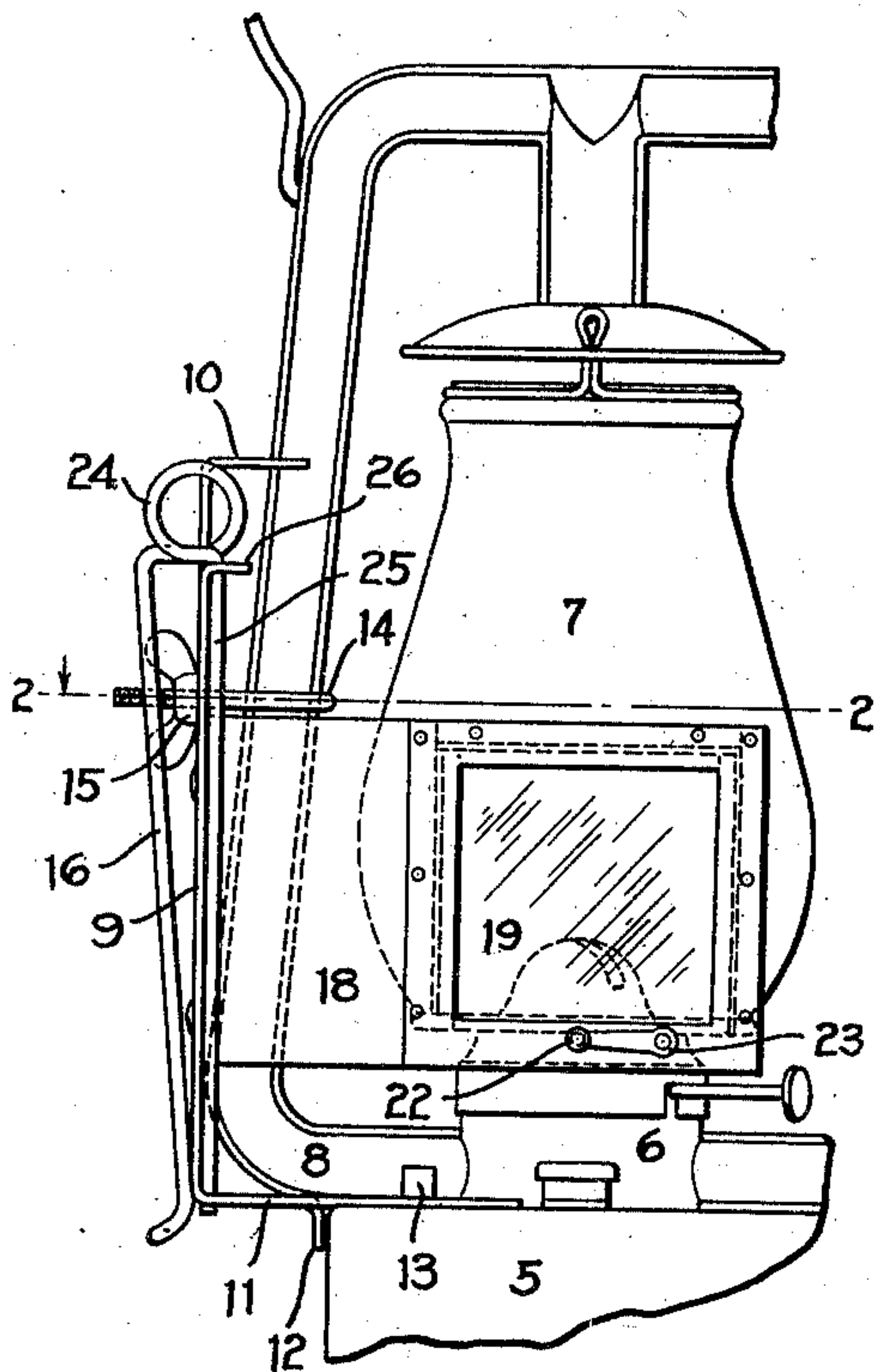


Fig. 3.

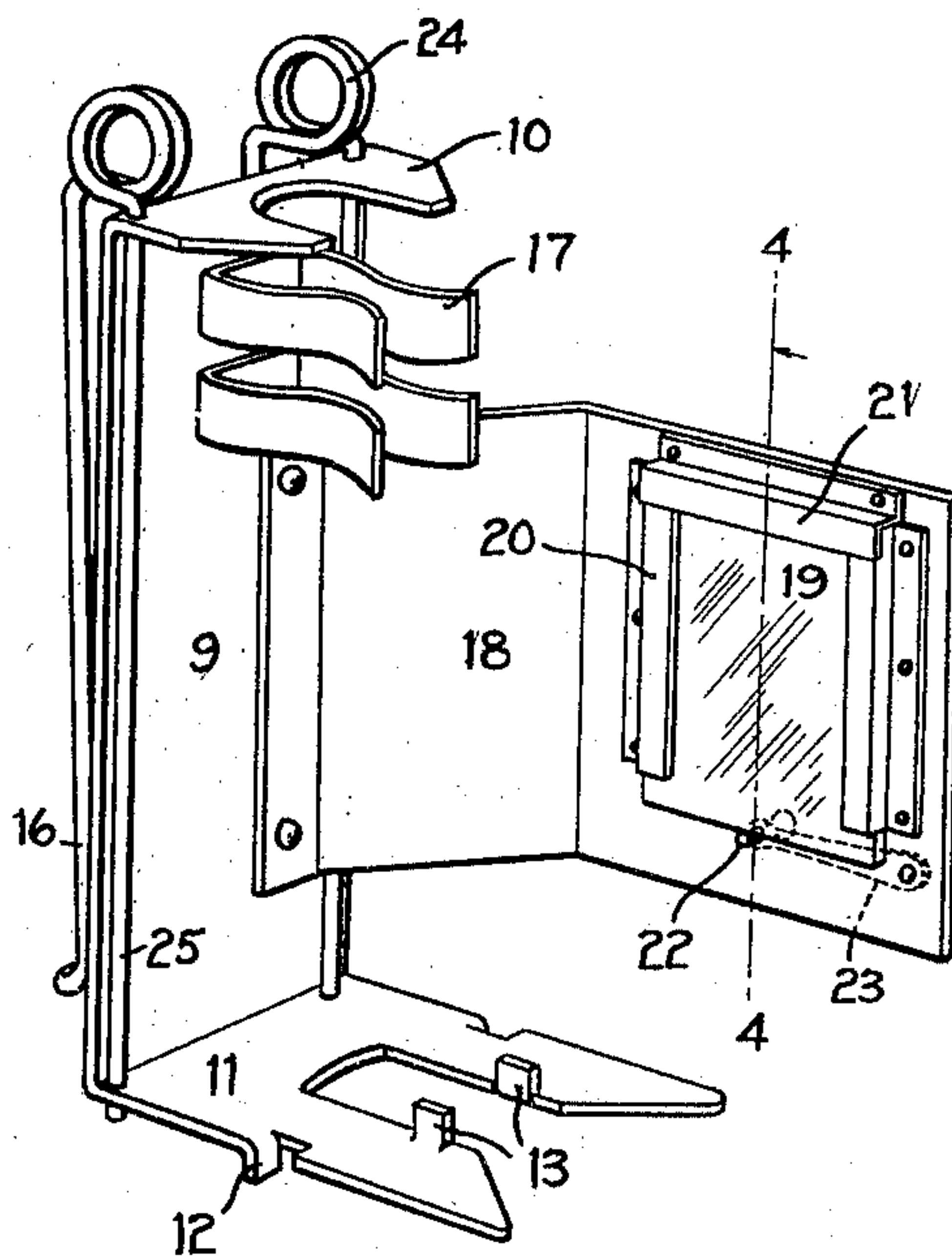


Fig. 4.

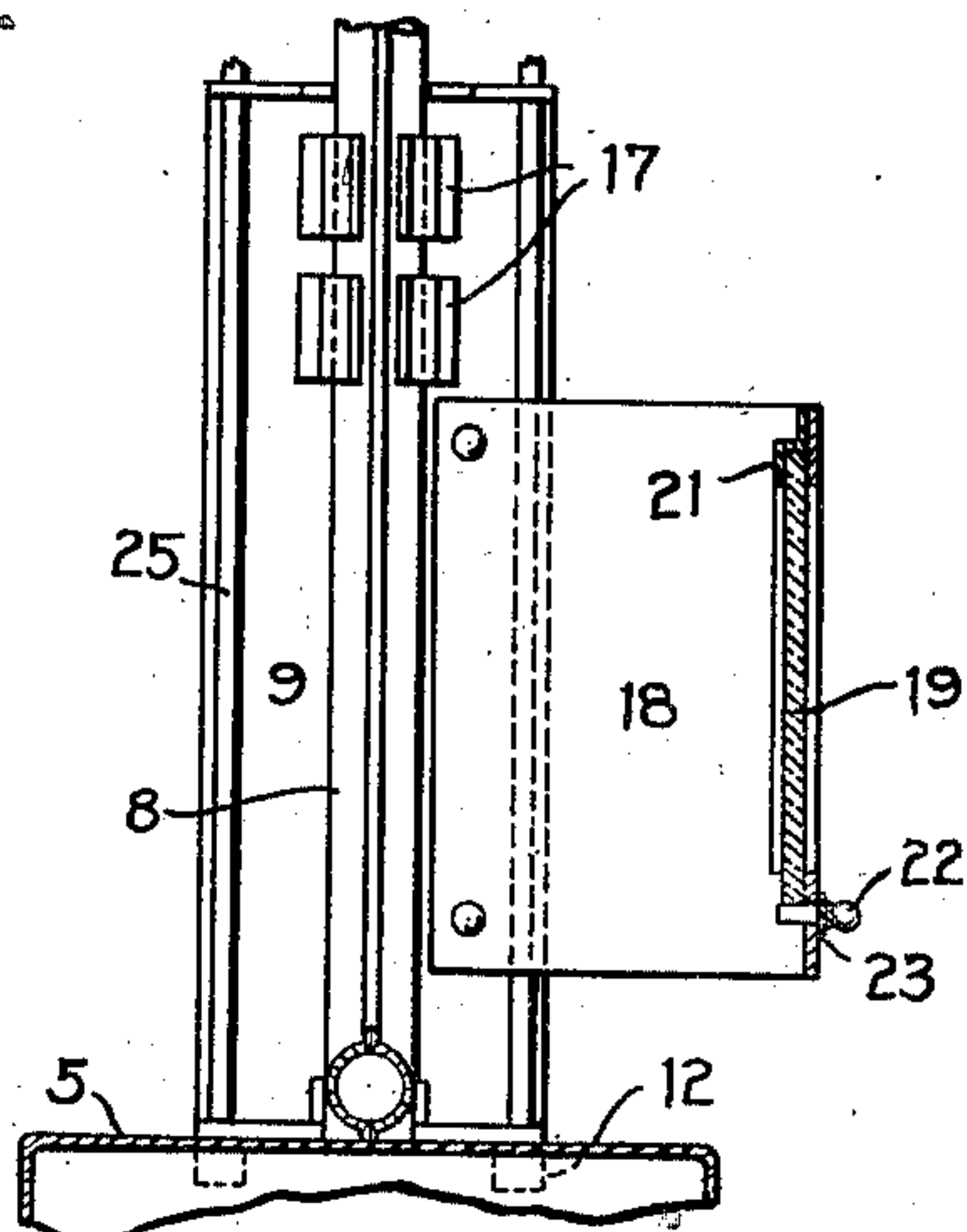
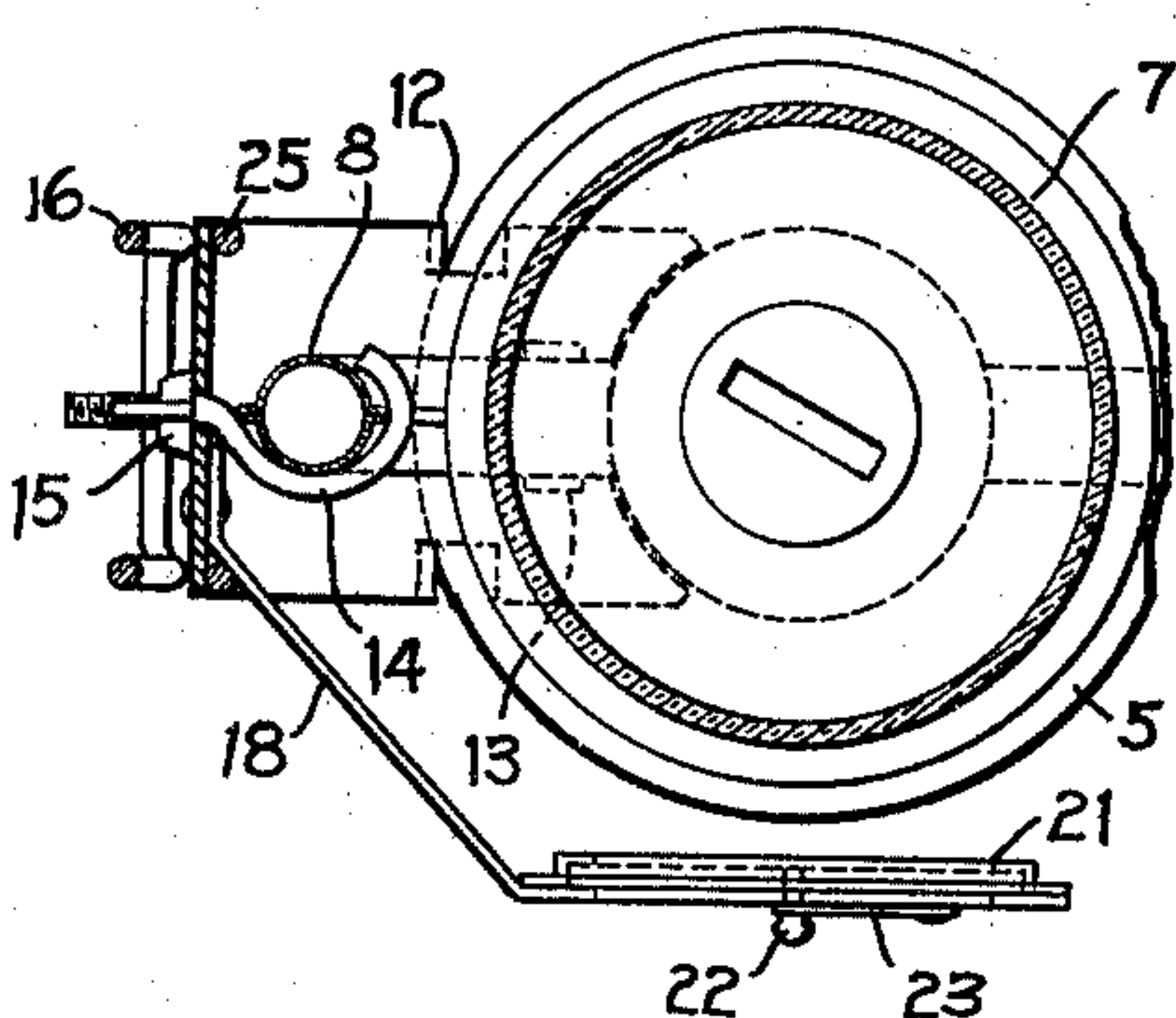


Fig. 2.



Witnesses:
 E. W. Carroll
 L. Thon

Inventor:
 Albert R. Pritchard
 Attorneys:
 Osgood, Davis & Dorsey
 by Farnum F. Dorsey

UNITED STATES PATENT OFFICE.

ALBERT R. PRITCHARD, OF ROCHESTER, NEW YORK.

LANTERN ATTACHMENT.

983,567.

Specification of Letters Patent.

Patented Feb. 7, 1911.

Application filed November 12, 1910. Serial No. 592,124.

To all whom it may concern:

Be it known that I, ALBERT R. PRITCHARD, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Lantern Attachments, of which the following is a specification.

One object of this invention is to produce a device, for use in connection with a lantern of ordinary or suitable form, by which the lantern may be conveniently employed as a side-lamp on a vehicle.

To this end the invention consists in a device having provision for convenient attachment both to the vehicle-body and to the lantern, and provided further with means by which a colored or clear glass or bull's-eye may be held in a fore-and-aft line with the lantern, that is, either in front of or behind the burner, so as to cast a colored or otherwise modified light at the rear or in front of the vehicle.

A more particular object of the invention is to provide a convenient device for securing a lantern of the tubular form upon a vehicle, and to this end the invention comprises a base-member of peculiar form having parts adapted to seat against one of the side-tubes and the oil-font of the lamp in connection with means for removably attaching the base-member both to the vehicle and to the side-tube of the lantern.

In the accompanying drawings: Figure 1 is a rear-elevation of a lantern-attachment embodying the present invention, the figure showing also portions of a lantern secured to the attachment; Fig. 2 is a horizontal section on the line 2—2 in Fig. 1, looking downward; Fig. 3 is a perspective view of the lantern-attachment in a slightly modified form; and Fig. 4 is an elevation of the device of Fig. 3, looking from right to left in said figure, and showing a section on the line 4—4, together with parts of the lantern in section.

In Figs. 1 and 2 portions of a tubular lantern of ordinary form are shown, comprising the oil-font 5, the burner 6, the chimney 7, and one of the side-tubes 8. The lantern so illustrated is secured to the attachment constituting the present invention. This attachment has an upright base-member 9 of sheet-metal, of which the upper end 10 is bent to a horizontal position and is bifurcated, as shown in Fig. 3, so that it embraces

and seats close against the side-tube 8. The lower end 11 of the base is also bent to a horizontal position and bifurcated so as to straddle the lower horizontal part of the side-tube 8 and embrace the burner 6. This portion 11 is also seated upon the top of the oil-font 5 of the lantern, and is provided with downwardly-bent lugs 12 to engage the periphery of the oil-font and determine the position of the device. Upwardly-bent lugs 13 are also provided on the part 11, these lugs being adapted to engage the sides of the horizontal part of the side-tube 8, as shown in Fig. 1, to assist in preventing lateral movement of the device.

The base-member 9 is secured to the side-tube 8 by means of a hook 14 which engages the tube and passes through a hole in the base. The outer end of this hook is threaded, and is provided with a wing-nut 15 by which it may be drawn tight against the tube, as shown in Figs. 1 and 2. The lantern may be readily detached, however, by loosening the wing-nut and disengaging the hook from the tube.

The attachment is secured to the vehicle by means of a clip-spring 16. This spring has two lateral coiled portions 24 which rest at either side of the upper end of the base-member, the member being reduced in width at this point, and the inner depending members 25 of the spring are located between inwardly-bent lugs 26 on the base, while their lower ends rest in perforations in the part 11. This clip-spring is used to mount the device upon the side of the body of a wagon or a buggy, in a well known manner.

In Fig. 3 different means are shown for securing the base-member 9 to the lantern-tube. In this case the hook 14 is dispensed with, and two clip-springs 17 are employed in its place. The lantern-tube is forcibly entered between the arms of these springs, and is retained frictionally by their resilient action.

Fixed to, and projecting at one side of, the base-member is a sheet-metal bracket 18 provided with a window. This bracket is formed and arranged to bring the window in a direct fore-and-aft line with the lantern-burner when the lantern is mounted at the side of a vehicle. As shown in the drawings, the window is provided with a pane of plain glass, which may be colored red or otherwise. In the device illustrated in Figs. 1 and 2 the arrangement of this bracket is

such as to adapt it for use at the right-hand side of a vehicle, when it is desired to show a colored light at the rear. The device as illustrated in Figs. 3 and 4 is adapted for use on the left-hand side of a vehicle in the same manner.

The glass 19 is removably secured on the bracket 18. For this purpose it is inserted, from beneath, within side-members 20 and an upper member 21 bent to form overhanging retaining strips. A pin 22 supports the lower edge of the glass, and this pin is mounted on a spring 23, so that by pulling the pin outward it may be withdrawn from engagement with the glass, when it is desired to remove and exchange, or clean, the latter.

I claim:—

1. A lantern attachment having, in combination, a base-member provided with

means for removably securing it to the side of a vehicle and to a lantern, respectively, and a bracket projecting from the base-member and provided with a window arranged to lie in a fore-and-aft line with the burner of a lantern secured to the base-member.

2. A lantern attachment having, in combination, a base-member provided with means for removably securing it to the side of a vehicle and to one of the side-tubes of a lantern, respectively, and a bracket projecting from the base-member and provided with a window arranged to lie in a fore-and-aft line with the burner of a lantern secured to the base-member.

ALBERT R. PRITCHARD.

Witnesses:

D. GURNEE,
C. S. DAVIS.