

(No Model.)

W. PREWETT.

REFLECTOR ATTACHMENT FOR LAMPS OR LANTERNS.

No. 606,027.

Patented June 21, 1898.

Fig. 2

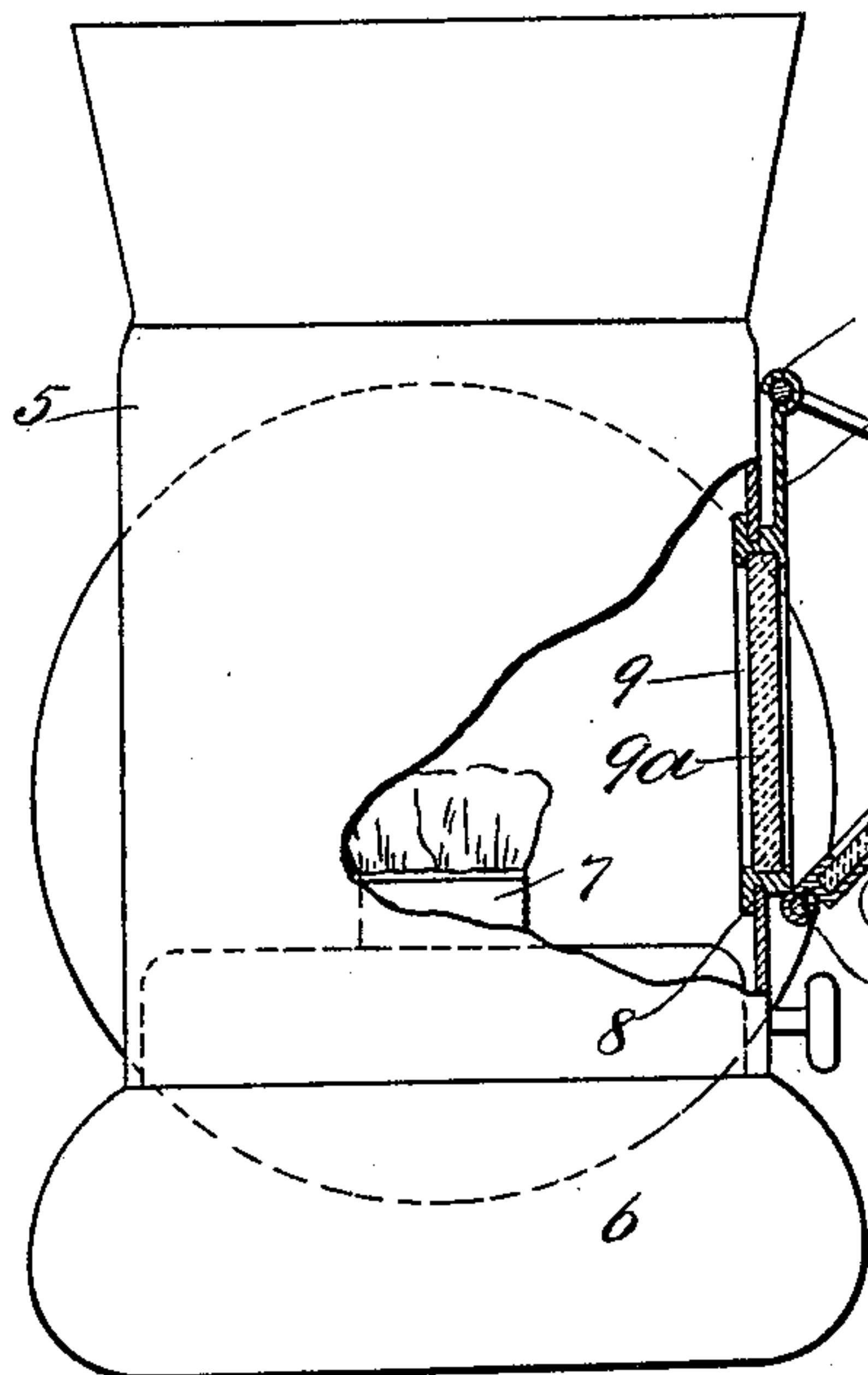


Fig. 1

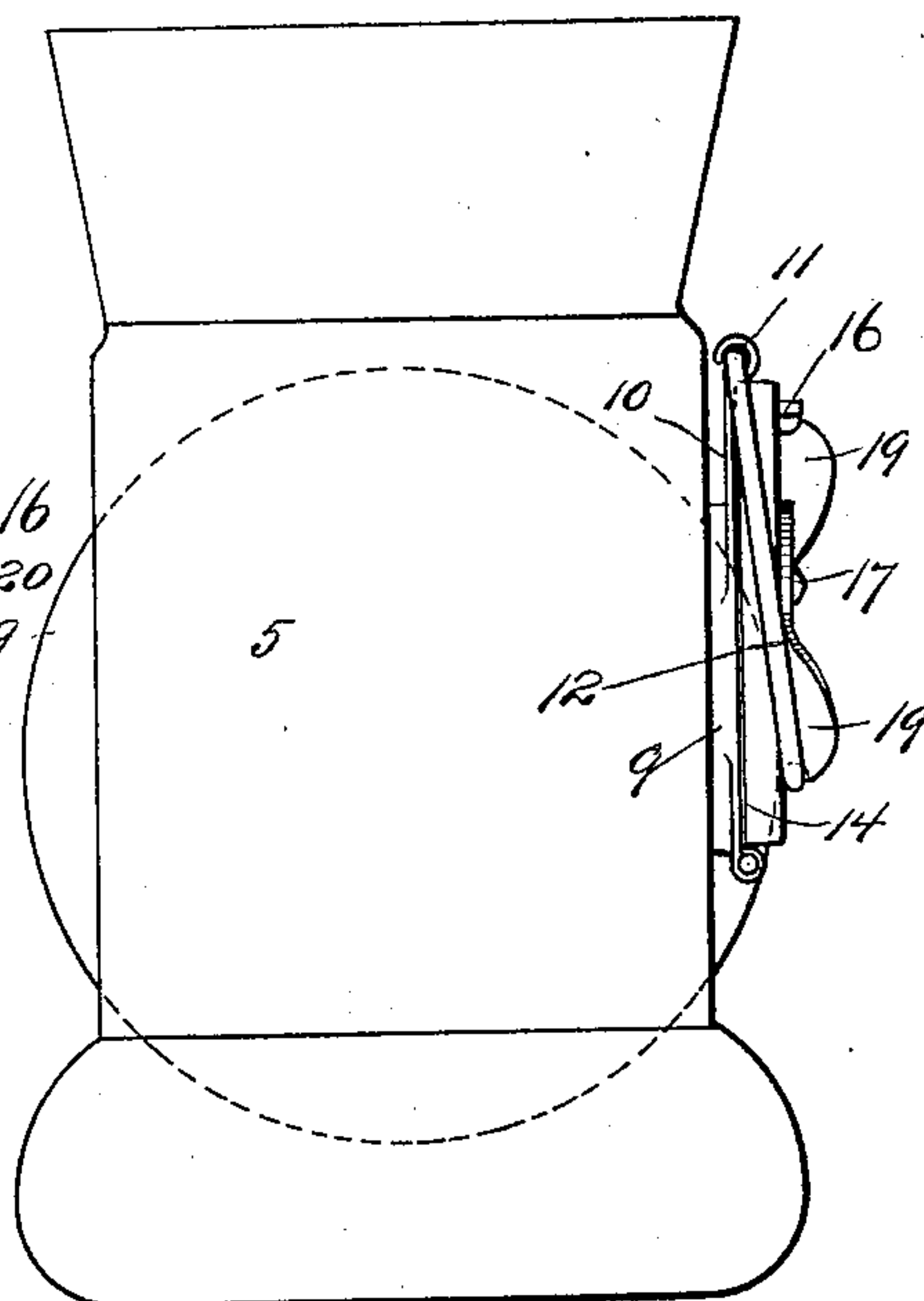
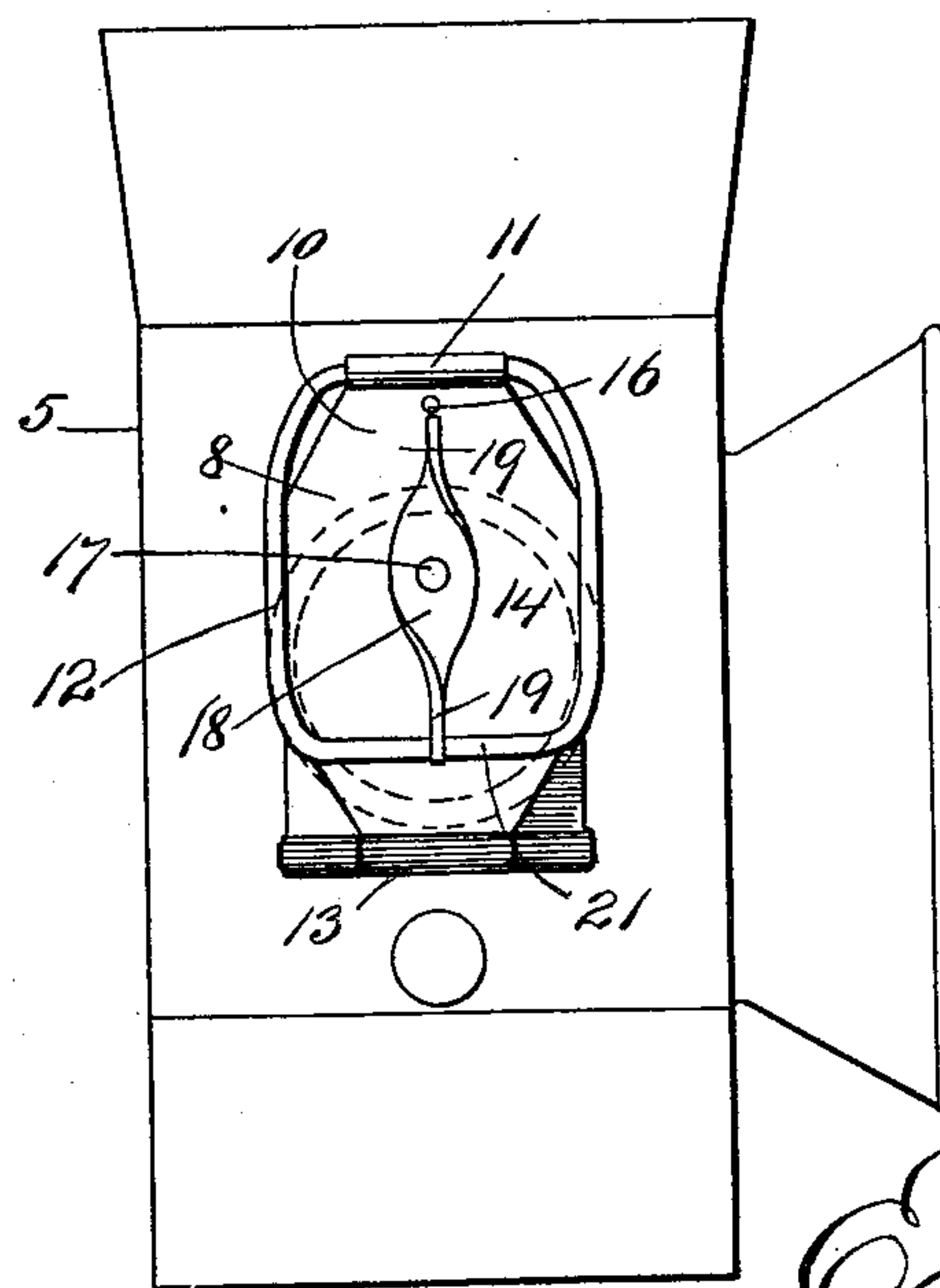


Fig. 3



WITNESSES

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REFLECTOR ATTACHMENT FOR LAMPS OR LANTERNS.

SPECIFICATION forming part of Letters Patent No. 606,027, dated June 21, 1898.

Application filed October 23, 1897. Serial No. 656,190. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM PREWETT, a subject of the Queen of Great Britain, residing at Cheriton, in the county of Hants, England, have invented certain new and useful Improvements in Reflector Attachments for Lamps or Lanterns, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to lamps or lanterns, and particularly to lamps or lanterns which are designed for use in connection with bicycles and similar vehicles; and the object thereof is to provide a lamp or lantern of this class with a side attachment by means of which the light may be thrown in any desired direction.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a back view of a bicycle lamp or lantern provided with my improvement; Fig. 2, a similar view showing the separate parts of the attachment in position for use, part of the construction being shown in section; and Fig. 3, a side view of the lamp or lantern, showing the separate parts of the attachment in the position shown in Fig. 1.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in the practice of my invention I provide an ordinary lamp or lantern 5, which may be of any desired form and which is provided with the usual lamp-reservoir 6 and burner-tube 7, and all of these parts may be of any desired construction. I also form in the side of the casing of the lamp or lantern a circular opening, in which is mounted a revoluble frame 9, in which is placed a glass or lens 9^a, which is provided at one side, and preferably at its upper side, with an extension or arm 10, to which is hinged at 11 a frame or link 12, and to the opposite side of said revoluble frame is hinged, as shown at 13, a frame 14, in which is placed a reflector 15. The frame 14 is preferably narrower at the ends thereof than at the central portion, and said central portion is preferably about as wide as the opening 8 in the side of the lamp or lantern, and the frame or link 12

is so formed as to overlap the free end of the frame 14, in which the reflector 15 is placed, and said free end of the frame 14 is provided with a lug or pin 16, and by means thereof the frame or link 12 is adapted to hold the reflector-frame 14 at an angle to the side of the lamp or lantern, as shown in Fig. 2.

Pivoted to the frame 14 and centrally of the back thereof, as shown at 17, is a locking-plate 18, the ends of which are turned outwardly, as shown at 19, and formed in each of said ends is a notch or recess 20, and said notches or recesses are adapted to receive the cross-rod 21 of the link or frame 12, and when the parts are in the position shown in Fig. 2 the locking-plate 18 is turned so as to engage with the frame or link 12 and hold it against the lug or projection 16 on the reflector-frame 14, and in this position of the parts the entire attachment may be turned in such manner that the reflector 15 will throw the light in any desired direction either forward or backward or upward or downward, it being understood that the frame 9, mounted in the side of the lamp or lantern, is free to turn therein, and when it is not desired to use the reflector 15 the locking-plate 18 is supported so as to disconnect the link or frame 12 from the reflector-frame, and the said parts are folded together in the position shown in Figs. 1 and 3, in which position the reflector-frame covers the glass or lens 9^a in the frame 9, and the said parts are locked in this position, as shown in Figs. 1 and 2, by turning the locking-plate 18 so that the lower end thereof will engage with the cross-rod 21 of the link or frame 12.

It will be understood that one of these attachments may be connected with each side of the lamp or lantern, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

My improvement is simple in construction and operation, and by means thereof the light may be thrown to one side of the lamp or lantern or to either side thereof or forward, backward, downward, or upward, and my invention is not limited to the form of the various parts of the attachment as herein described.

Having fully described my invention, I

claim as new and desire to secure by Letters Patent—

1. A lamp or lantern for use in connection with bicycles or similar vehicles, said lamp or lantern being provided with a circular opening in the side or sides thereof, a revoluble frame mounted therein and provided with a glass or lens, a reflector pivoted or hinged at one side of said revoluble frame and means for holding said reflector at an angle thereto, consisting of a supplemental frame or link pivoted or hinged to the opposite side of the revoluble frame, substantially as shown and described.

2. A lamp or lantern for use in connection with bicycles or similar vehicles, said lamp or lantern being provided with a circular opening in the side or sides thereof, a revoluble frame mounted therein and provided with a glass or lens, a reflector pivoted or hinged at one side of said revoluble frame and means for holding said reflector at an angle thereto, consisting of a supplemental frame or link pivoted or hinged to the opposite side of the revoluble frame, and a locking-plate pivotally connected with the reflector, substantially as shown and described.

3. A lamp or lantern for use in connection

with bicycles and similar vehicles, said lamp or lantern being provided in the side thereof with a circular opening, a revoluble frame mounted therein, a glass or lens in said frame, a reflector-frame pivotally connected with or hinged to one side of said revoluble frame and means for holding said reflector-frame at an angle to said revoluble frame, substantially as shown and described.

4. A lamp or lantern for use in connection with bicycles and similar vehicles, said lamp or lantern being provided in the side thereof with a circular opening, a revoluble frame mounted therein, a glass or lens in said frame, a reflector-frame pivotally connected with or hinged to one side of said revoluble frame and means for holding said reflector-frame at an angle to said revoluble frame, and for locking the same thereover, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 8th day of October, 1897.

WILLIAM PREWETT.

Witnesses:

ALFRED H. DAWKINS,
GEORGE DYKE.