Sept. 11, 1928.

1,684,347

A. S. DOBBS

HOLDER

Filed April 9, 1927

Fig. 1,

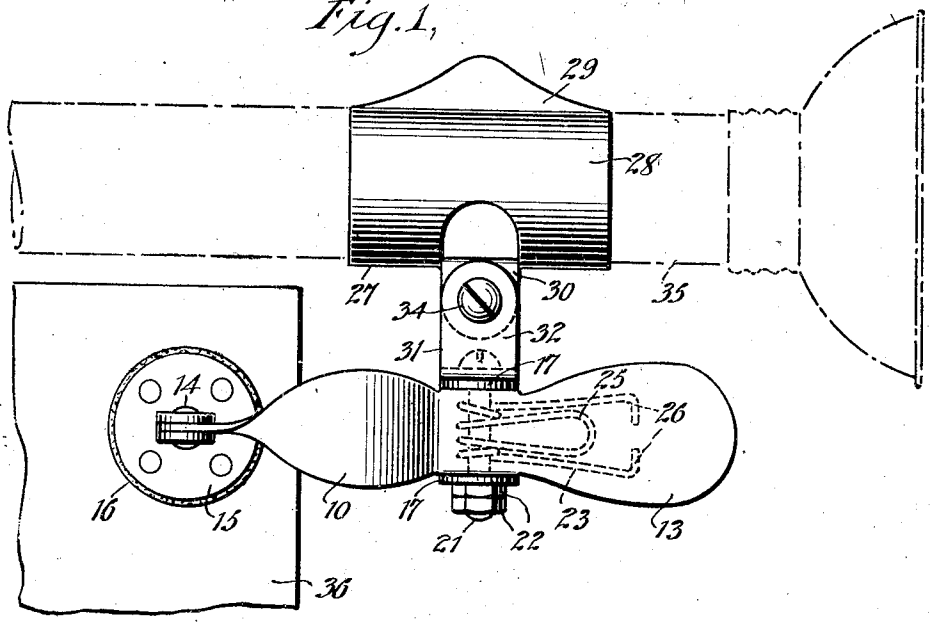


Fig. 2,

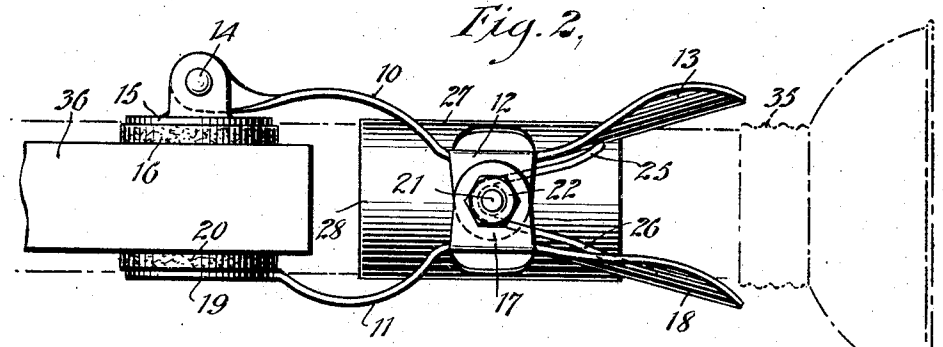
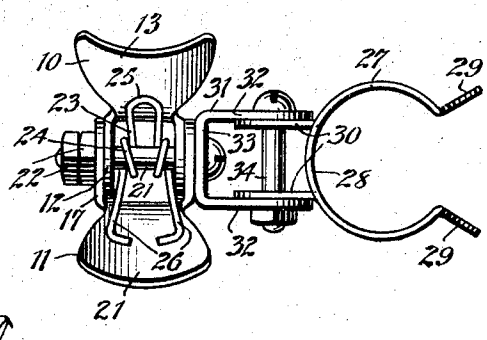


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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HOLDER.

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This invention relates to holders, and has especial reference to quick attachable and detachable holders for adjustably holding flashlights, and other closely analogous articles.

The principal object of the present invention is the provision of a holder of the indicated character which will embody improved features of construction rendering the holder more serviceable and of greater adjustability.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawing, in which

Figure 1 is an elevation of a holder embodying the present invention, the holder being shown attached to a suitable support and illustrating a flashlight in place in the clamp of the holder, the flashlight being shown in dot and dash lines.

Fig. 2 is a side elevation of the holder.

Fig. 3 is an end elevation of the holder.

The holder of the present invention is designed for supporting a flashlight or closely analogous device from a suitable support, in a manner to allow the flashlight to be moved to different positions so that the light rays may be directed to different points as may be desired. It is to be understood, however, that other uses may be found to which the holder may be put, even though the holder is described hereinafter in connection with a flashlight.

The holder of the present invention includes a pair of clamping members 10 and 11. The clamping member 10 has spaced apertured lugs 12, a manipulating portion 13, at one end and the opposite end thereof has pivotally connected therewith, as at 14 a circular plate 15 to which is secured a suitable pad 16 of felt or leather. The clamping member 11 has apertured lugs 17, a manipulating portion 18 at one end, a plate 19 at the opposite end to which is secured a suitable pad 20 similar in size and shape to the pad 16 of the clamping member 10. The clamping members 10 and 11 are connected together for pivotal movement to cooperate with each other to set up clamping action. This is accomplished by bringing the lugs 12 and 17 of the members 10 and 11 together so that the apertures therein are in axial alignment. A pivot bolt 21 is extended through the lugs 12 and 17 by virtue of the apertures therein. Suitable nuts 22 hold the bolt 21 in place. A spring 23 is employed. The spring 23 is formed from a single piece of material which is bent upon itself to form loops 24 which surround the bolt 21 and portions 25 and 26, which respectively bear on the manipulating portions 13 and 18. The spring 23 has a normal tendency to move the ends of the members 10 and 11 having the pads toward each other other, and allow the ends to be separated so that the holder may be readily attached. The holder also includes a clamp 27. The said clamp 27 is stamped, bent and formed from a single piece of spring metal to provide a flexible body 28, lips 29 and apertured lugs 30 on the body 28. Use is made of a connector 31 for effecting the connection of the clamp 27 with the clamping members 10 and 11. The connector 31 is U-shaped to provide spaced apertured portions 32 and an apertured connecting portion 33. The connector 31 has pivotal connection with the pivot bolt 21 which extends through the apertured portion 33 of the connector, and the portions 32 are connected with the lugs 30 of the clamp 27 by virtue of a pivot bolt 34 which extends through the apertures respectively in the portions 32 and lugs 30. It should now be obvious that the clamp 27 is permitted to have universal movement with respect to the clamping members 10 and 11.

To use the holder, it is simply necessary to snap the clamp 27 in place over the barrel of the flashlight indicated at 35 in dot and dash lines. The holder may then be readily attached to a suitable support, such as the one indicated at 36. This is accomplished by manipulating the portions 13 and 18 of the clamping members 10 and 11 against the action of the spring 23 which will cause the ends of the clamping members having the pads to be spread apart. By releasing the pressure on the portions 13 and 18, the spring 23 will function to bring the pads in clamping engagement with the support. The clamp 27, and therefore the flashlight 35 may be moved universally to any desired position for directing the light rays to any point desired.

I claim:

1. A holder comprising a pair of spring actuated clamping members, a pivot connecting said clamping members together for coaction, a clamp, and means between the

pivot and the clamp allowing the clamp to have universal movement.

2. A holder comprising attaching means including companion clamping members and a pivot connecting the clamping members together for coaction; an element rotatable on the pivot, clamping means, and a pivot connecting said clamping means with said rotatable element, the said connections permitting the clamping means to have universal movement with respect to the attaching means.

3. A holder comprising a clamping element having lugs, companion spring actuated clamping members, a pivot connecting said clamping members together for coaction, a U-shaped element rotatable on said pivot, and a second pivot connecting the U-shaped element with the lugs on said clamping element, the pivotal connections permitting the clamping element to have universal movement with respect to the clamping members.

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