A. G. BARKER.

HAT HOLDER.

APPLICATION FILED SEPT. 23, 1920. RENEWED OCT. 4, 1922.

1,435,889. Patented Nov. 14, 1922.

2 SHEETS—SHEET 1.

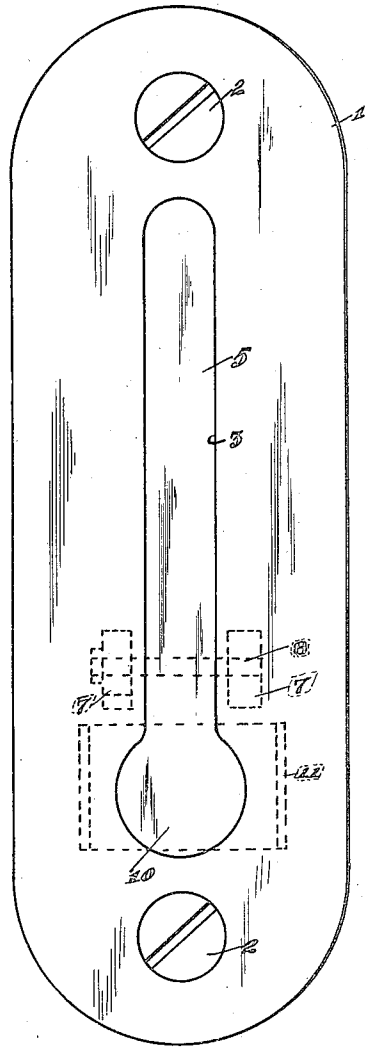


FIG. 1.

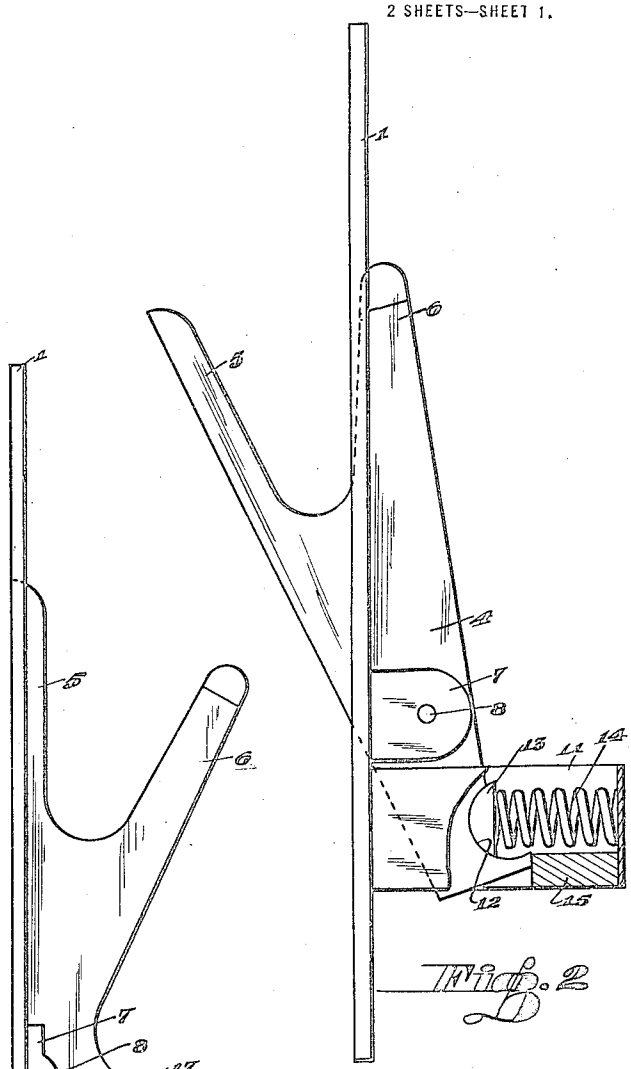


FIG. 2.

FIG. 3.

INVENTOR.

Alan G. Barker

BY

Hazard & Miller

ATTORNEYS

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2 SHEETS—SHEET 2.

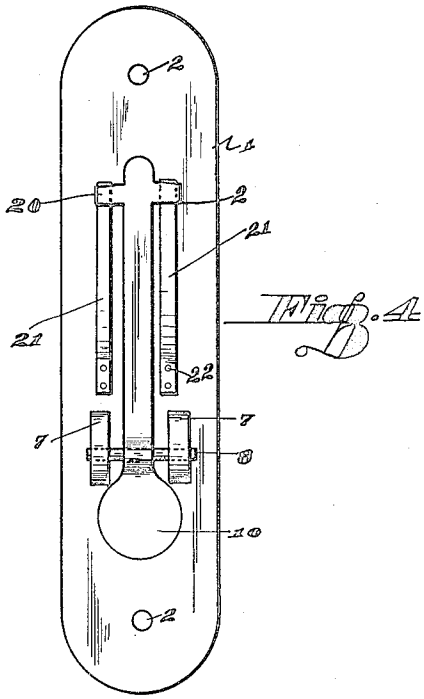


Fig. 4

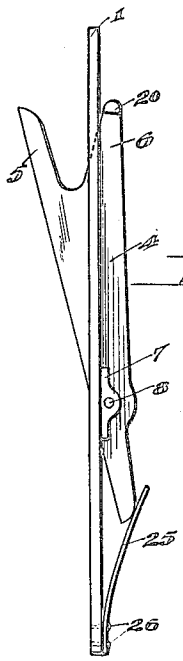


Fig. 7

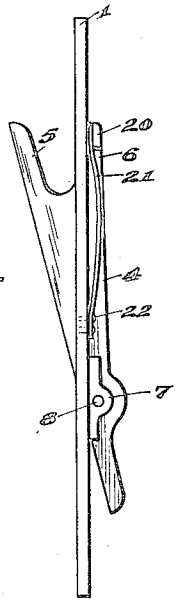


Fig. 5

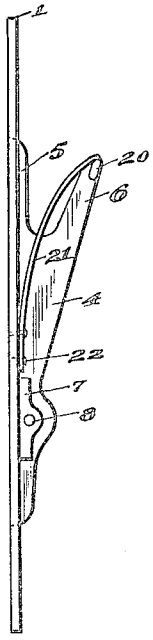


Fig. 6

INVENTOR

Alan G. Barker

by Hazard & Miller

Att'ys

Patented Nov. 14, 1922. 1,435,889

UNITED STATES PATENT OFFICE.

ALAN G. BARKER, OF LONG BEACH, CALIFORNIA.

HAT HOLDER.

Application filed September 23, 1920, Serial No. 412,118. Renewed October 4, 1922. Serial No. 592,344.

To all whom it may concern:

Be it known that I, ALAN G. BARKER, a subject of the King of Great Britain, residing at Long Beach, in the county of Los Angeles and State of California, have invented new and useful Improvements in Hat Holders, of which the following is a specification.

It is the object of this invention to provide a holder for hats, garments and the like, which is arranged to automatically retract so as to lie flush with a supporting surface such as a wall when the weight of the hat or garment is removed from the holder. The holder is also arranged to readily swing from its inoperative retracted position into position for use. In this latter position the holder forms a hook-like member projecting beyond the wall and forming convenient means for supporting a hat or garment.

The invention will be readily understood from the following description of the accompanying drawings in which—

Figure 1 is a front elevation constructed in accordance with the invention.

Figure 2 is a side elevation of the same in position for use.

Figure 3 is a side elevation of a modified form of the invention in its retracted position.

Figure 4 is a rear elevation of a still further modification of the invention.

Figure 5 is a side elevation of this modification in position for use.

Figure 6 is a side elevation of the same modification in retracted position.

Figure 7 is a side elevation of a still further modification of the invention in position for use.

Referring first to the form of the invention illustrated in Figures 1 and 2, a plate 1 is adapted to be positioned upon a wall or other suitable support by means of screws 2 extending through the plate. The hook-like member forming the holder is pivoted in an opening 3 extending through this plate, and the operating mechanism for the holder is positioned in rear of the plate in a suitable recess provided in the wall or the like, upon which the plate is mounted.

The hook-like holder consists of a bar 4 having a forked upper end comprising the fingers 5 and 6. This bar is pivoted in opening 3 at a point adjacent its end opposite the forked end, said pivotal mounting including brackets 7 projecting rearwardly from the plate 1 at opposite sides of plate 4, and adapted to receive a bearing pin 8 extending through the holder bar.

The parts are so arranged that when the forked end of the holder bar is swung rearwardly, the front edge of said bar at which the finger 5 is formed, will lie flush with the surface of plate 1, and when the forked end of the holder bar is swung outwardly, the finger 6 will lie substantially in alinement with the plate 1 to close the opening 3, and the finger 5 will project outwardly and upwardly from plate 1 to form a hook-like member adapted to receive a garment or the like.

The holder bar is normally positioned with finger 5 flush with plate 1, and may be swung from this position to operative position by pressing against the lower end of the front edge of the bar. This portion of the front edge of the bar may be transversely enlarged to form a button 10 against which the finger may be pressed.

When the holder is in operative position the weight of the article supported by the same will hold it in said position, but as soon as said weight is removed, the holder bar is arranged to be automatically swung to retracted position. For this purpose a casing 11 projects rearwardly from plate 1 in alinement with the lower end of the holder bar, and the rear edge of the holder bar is provided with a curved recess 12, in which is received a head 13 having coil spring 14 interposed between the same and the rear of casing 11. By this arrangement the spring is adapted to yieldably swing the holder bar upon its pivot into inoperative position. A stop 15 may be provided in casing 11 for abutment by the holder bar in order to limit the swinging of the same into its operative position.

In the modification of the invention illustrated in Figure 3, instead of the spring means for automatically returning the holder bar to inoperative position, the holder bar may be provided with a rear projection 17 below pivot pin 8, and a weight 18 may be provided upon said projection. This weight is arranged to swing the holder bar by gravity to its retracted position.

In the modification of the invention illustrated in Figures 4, 5 and 6, the finger 6 of the holder bar may be provided with

lateral projections 20, and leaf springs 21 may extend along side the holder bar at the rear of plate 1. These springs are secured at their lower ends to plate 1, as shown at 22, and the upper ends of the springs are received in front of the lateral projections 20, as clearly shown in Figure 5. The spring strips are preferably bowed intermediate of their ends so that the tension of said springs will tend to swing the holder bar to its retracted position, as shown in Figure 6.

In the modification of the invention illustrated in Figure 7, a spring strip 25 is mounted upon the rear surface of plate 1 below the holder bar, said strip being fixed at its lower end to plate 1, as shown at 26, and having its free end abutting against the lower end of the holder bar so that the tension of said spring will tend to swing the holder bar upon its pivot to inoperative position.

Various changes may be made in the construction as thus described, without departing from the spirit of the invention.

What is claimed is:

1. A holder comprising a plate having a bar pivoted thereto at its lower end, said bar having a forked upper end and arranged when swung forwardly upon its pivot to form a holder of one of the tines of said forks, and its other tine adapted to engage the back of said plate for limiting movement of said holder tine.

2. A holder comprising a plate having a bar pivoted intermediate its ends thereto, said bar having a forked upper end forming a holder tine, the other of said tines adapted to engage said plate to limit the movement of said holder tine, the portion of the bar below the pivot forming an actuating arm.

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

ALAN G. BARKER.