W. G. STAPLES.

KEY HOLDER.

APPLICATION FILED APR. 25, 1921.

1,424,121. Patented July 25, 1922.

Fig. 1

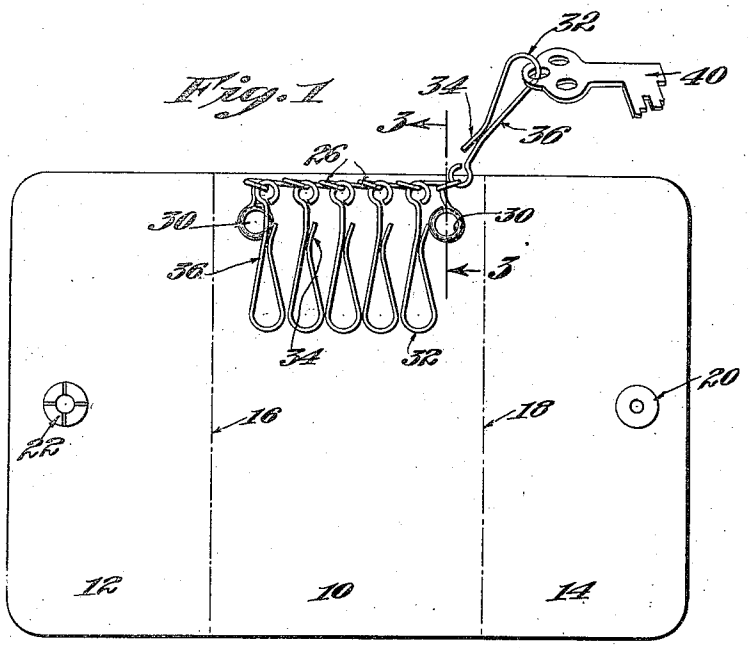


Fig. 2

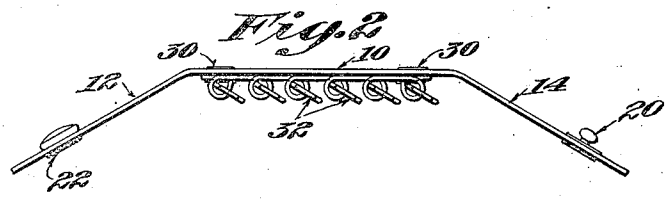
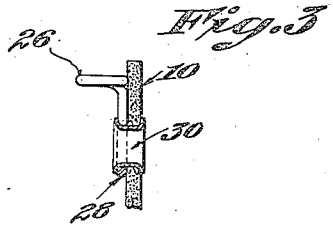


Fig. 3



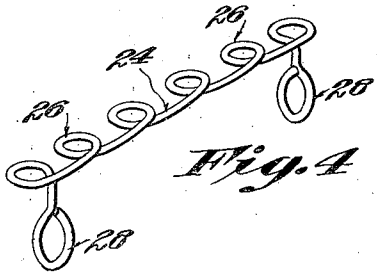


Fig. 4

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UNITED STATES PATENT OFFICE.

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KEY HOLDER.

1,424,121. Specification of Letters Patent. Patented July 25, 1922.

Application filed April 25, 1921. Serial No. 464,419.

To all whom it may concern:

Be it known that I, WILLARD G. STAPLES, a citizen of the United States, residing at Newburyport, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Key Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to key holders and more particularly to a pocket-key holder comprising a foldable cover provided with means for holding a plurality of keys.

The main object of my invention is the provision of a simple and compact key holder which may be carried in a pocket without discomfort or inconvenience to the user.

Another object is the provision of means so constructed and arranged that the keys cannot become detached accidentally or separated from the cover and yet which permits individual keys to be easily and quickly detached from or mounted within the cover by the user.

A further object is to provide a holder which can be made at a low cost without sacrificing either durability or efficiency.

Other objects of the invention will be more specifically pointed out and described hereinafter.

In the accompanying drawings illustrating the preferred embodiment of my invention, Figure 1 is a plan view of the key holder embodying my invention and shown in a flat, open position; Fig. 2 is a top elevation of the same showing the holder open; Fig. 3 is a sectional view on line 3—3 in Fig. 1; and Fig. 4 is a view in perspective of the wire permanently secured to the holder and adapted to carry a plurality of hooks for holding the keys.

Referring to the drawings there is shown a cover substantially rectangular in form and of suitable size and made up of a body-portion 10 and two flaps 12 and 14, so that the flaps may be folded over the body-portion on lines 16 and 18, and may be provided with any suitable fastening means, such, for instance, as a ball 20 and socket 22. The holder may be made of leather, cardboard or any other suitable flexible material. Upon the body-portion 10 of the cover at the upper edge thereof is secured a flexible wire 24, which is bent to form a plurality of loops 26, 26. The two ends of the wire 24 are turned to form eyes 28, 28, and these two ends are permanently secured to the body-portion 10 of the cover by eyelets 30, 30. Fastened in position on the cover, as shown in Fig. 2, the wire 24 engages the inner face of the cover with the loops 26 projecting outwardly, substantially perpendicular thereto. In each loop is permanently mounted a key-carrying hook 32. The end 34 of each hook is bent into engagement with the shank 36 and then turned outwardly to facilitate the placing of a key or keys thereon.

In use, the keys to be applied in the holder are hung upon the various hooks 32 and are allowed to drop normally and lie upon the body-portion 10 of the cover and when the two flaps are turned over and secured together by means of the ball and socket fastener or other suitable fastener, the holder may then be placed in the pocket. When it is desired to use one of the keys the holder is opened and the proper key is selected and pulled outwardly and upwardly into the position shown at 40 in Fig. 1 of the drawings. It will be observed in this connection that by mounting the hook 32 in a loop 26 of the construction shown in the drawings, that the hook and key are capable of movement in any direction; practically a universal movement. This construction permits a key to be turned in the lock without requiring any manipulation of the key holder.

The construction of each hook is such that a key may be removed from or mounted on the hook expeditiously and with a minimum of effort, but after being mounted, the keys are held safely against displacement or loss.

The construction of the holding means for the hooks 32, that is the wire 24, is an important feature of the invention because it has the advantage of resiliency and will bend, to a certain extent, when subjected to strain. The result of this is that when the holder is carried in the pocket, and especially if carried in the back pocket of the trousers, the wire conforms more or less to the form of the body and does not produce discomfort.

What I claim is:

1. A key holder comprising a foldable cover of flexible material, a wire secured to the inner face of said cover and in engage-

ment therewith, said wire being bent to form a series of closed loops all lying in the same plane, and a plurality of key-carrying hooks mounted one in each of said loops.

2. A key holder comprising a foldable cover, a wire permanently secured on the inner face of said cover in engagement therewith, said wire being bent to form a series of small closed loops at regular intervals, all of said loops lying in a plane at an angle to said cover, and a plurality of key-carrying hooks mounted one in each of said loops and capable of movement in all directions.

In witness whereof, I hereunto set my hand this thirteenth day of April, 1921.

WILLARD G. STAPLES.