July 3, 1923. 1,460,743

E. H. BINNS ET AL

HOLDER

Original Filed April 29, 1922

FIG. 1.

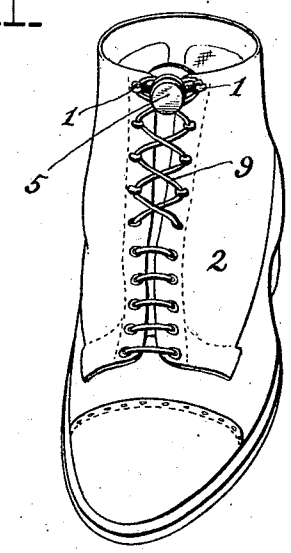


FIG. 2.

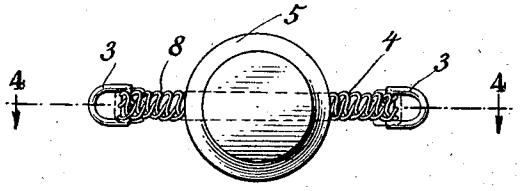


FIG. 3.

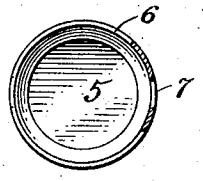
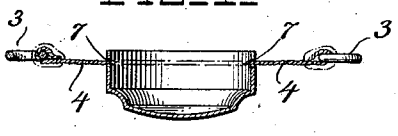


FIG. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDWARD H. BINNS AND RALPH H. BINNS, OF PITTSBURGH, PENNSYLVANIA.

HOLDER.

Application filed April 29, 1922, Serial No. 557,332. Renewed March 15, 1923.

To all whom it may concern:

Be it known that we, EDWARD H. BINNS and RALPH H. BINNS, citizens of the United States, and residents of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Holders, of which the following is a specification.

It is an object of our invention to provide a device which is primarily adapted for association with a shoe, and by means of which the knot and ends of the shoe string will be concealed from view.

It is a further object of our invention to provide a device of the character stated which will also serve to retain the aforementioned parts of the shoe string in proper position with respect to the body of the shoe.

A still further object of the present invention resides in the construction of a holding device of extremely simple design and pleasing appearance, which device may readily be applied or detached from the member with which it is associated, and which when in proper position will serve to conceal and to retain certain portions of elements associated with this member.

Reference is had to the attached sheet of drawings as illustrating one practical embodiment of our invention, and it will be seen in the drawings that;

Figure 1 is a prespective view of a shoe and showing our improved type of device associated therewith;

Fig. 2 is a front view of the holder.

Fig. 3 is a rear view, partly in section, of the receptacle portion of the same.

Fig. 4 is a sectional plan view taken along the line 4—4 and in the direction of the arrows indicated in Fig. 2.

It will be noted in the embodiment illustrated that we have shown our invention in association with a shoe of the hook type, and it will be seen that the reference numeral 1 indicates the uppermost of the series of hooks which are applied to the shoe upper 2, and in the present instance the holder may be applied to these uppermost hooks.

This holder, as in Figs. 2 to 4, embraces a cap 5 the side walls 6 of which are formed with openings 7 at diametrically opposite points in the side walls. A preferably resilient and flexible mounting member 4 is utilized, which extends through the slots or openings 7, and has its ends projecting beyond the same, the cap 5 being slidably mounted upon this member. It is to be noted in this connection however, that due to the fact that the mounting member 4 is preferably constructed of fluted braided wire, that the edge portions of the same will be serrated as at 8 so that although the cap is capable of being moved with respect to the supporting member, it will normally remain fixed with respect to the same.

Now with a view of providing means which will permit of the device being attached to the shoe hooks or other supports with which it is to be associated, it will be noted that we preferably secure looped elements 3 to the ends of the mounting member 4, and these elements present an opening of sufficient diameter to permit of the introduction of the hook ends therethrough, so that the entire device may readily be associated with or detached from these hooks.

In use, assuming that the device is employed as shown in the drawings, the shoe is laced in the usual manner, and this operation is terminated by tying the ends of the lace in a bow or other suitable knot. The holder may be attached to the uppermost of the hooks, and the cap 5 will serve to enclose the knot, bow and string ends within its body, and to prevent any movement of these portions with respect to the shoe, incident to the inherent resiliency of the supporting member 4, which will at all times press the cap, against the shoe. However, upon it being desired to remove the device, it will be obvious that this may readily be accomplished by simply detaching one or both of the loop members 3 from the hooks, subsequent to which the lace ends are available.

Thus all of the objects of this invention have been accomplished, and it will be understood that numerous modifications of construction might readily be resorted to and that the device might be utilized in a number of different associations without in the least departing from the spirit of our invention as defined by the claims, which are;

1. As an article of manufacture, a holder including a chambered receptacle, a flexible member attached to said receptacle, and means at the ends of said flexible member whereby the same may be detachably connected with a support affixed to the member with which the holder is to be associated.

2. As an article of manufacture, a holder including a cap, a supporting member

mounting said cap and extending beyond both sides of the same, and means providing a loop portion at each end of said member whereby the same may be detachably connected with a support affixed to the member with which the holder is to be associated.

3. A holder including a flexible supporting member, a cap slidably mounted upon said supporting member, the ends of said supporting member projecting beyond said cap, and means for connecting the ends of said supporting member with a support affixed to the member with which the holder is to be associated.

4. A holder including a flexible supporting member, a cap slidably mounted upon said supporting member, and being formed with openings through which the same extends, the ends of said supporting member projecting beyond said cap, and means for connecting the ends of said supporting member with a support affixed to the member with which the holder is to be associated.

5. As an article of manufacture, a holder including a cap and a resilient and flexible member attached to said cap and extending from opposite sides of the same, the ends of said member being adapted to be connected with a supporting member whereby to mount said cap.

6. A holder including a mounting member presenting serrated side edges, a cap slidably mounted upon said member, said cap presenting edge portions adapted to engage the edges of said mounting member for normally preventing a movement of said cap with respect to the same.

Signed at New York city in the county of New York and State of New York this 27th day of April A. D. 1922.

EDWARD H. BINNS.
RALPH H. BINNS.