

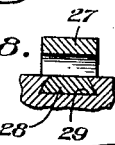
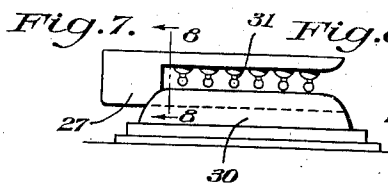
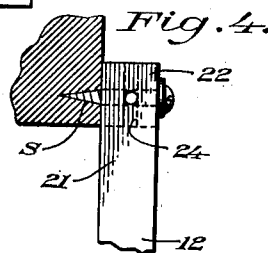
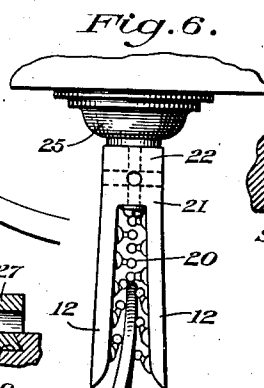
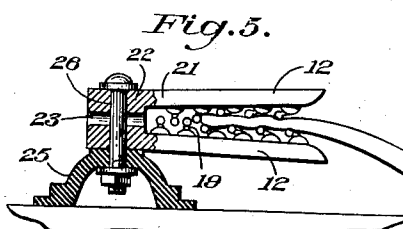
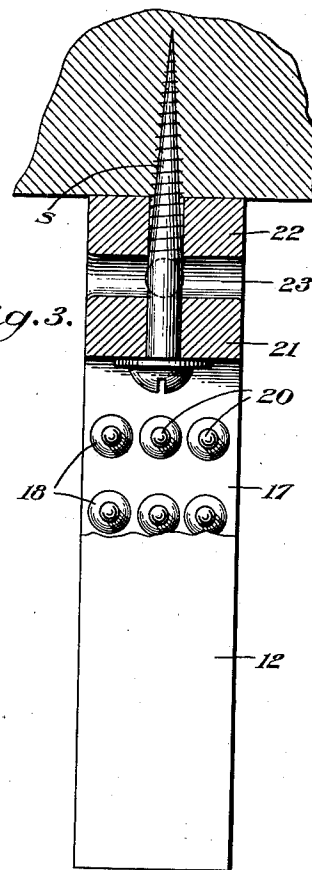
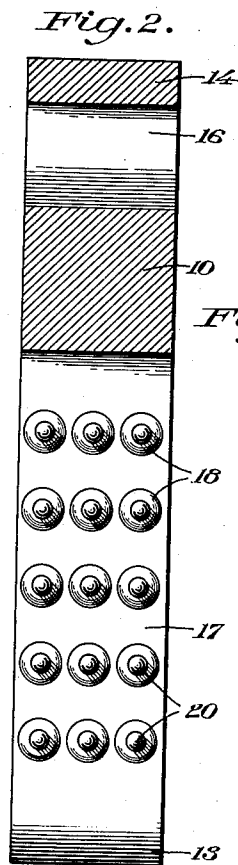
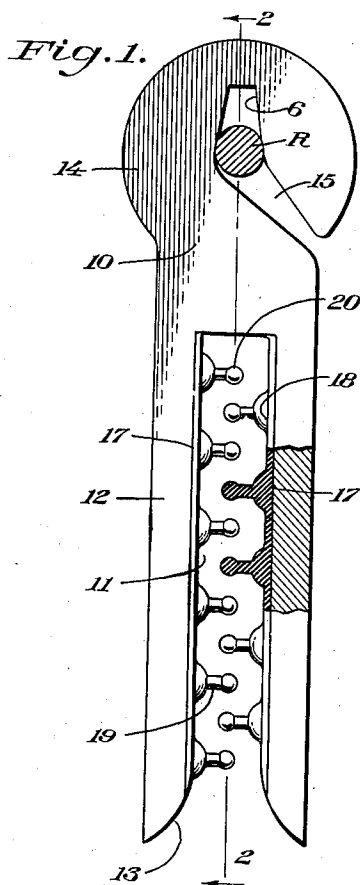
Oct. 26, 1943.

L. J. AMER

2,332,772

HOLDER

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HOLDER

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6 Claims. (Cl. 24—84)

The present invention relates to new and useful improvements in devices for holding hats and other articles.

An object of the invention is to provide a holder device of generally improved construction.

Another object of the invention is the provision of a holder which is designed to firmly grip an article without damaging the same.

A further object of the invention is the provision of a holder of the above character from which the article may be readily released.

Still another object of the invention is the provision of a holder of the aforesaid character which is relatively simple and inexpensive in construction and efficient in use.

Other objects and advantages of the invention will become apparent as the description progresses.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate corresponding parts throughout:

Figure 1 is a side elevational view of a preferred form of the device partly in section.

Figure 2 is a longitudinal section taken on line 2—2 of Figure 1.

Figure 3 is a view partly in section and partly in elevation of a modified form of the device.

Figure 4 is a fragmentary side elevational view of the same.

Figure 5 is a side elevational view, partly in section, of another modified form of the device.

Figure 6 is a side elevational view of the same in a different holding arrangement.

Figure 7 is a side elevational view of another modified form of the device, and

Figure 8 is a transverse section taken on line 8—8 of Figure 7.

Referring to Figures 1 and 2 of the drawing, illustrating a preferred form of the invention, 10 designates a body of elongated form having a slot 11 extending longitudinally inward from one end for the major length of the body. At each side of the slot 11 is a pair of flat parallel side members 12 constituting elongated jaw sections. At the outer end these jaws are rounded, as indicated at 13, so that the slot flares outwardly thereat. At the opposite end the body 10 is shaped to form an enlarged approximately circular head 14 provided with an angular slot. This slot is preferably shaped to provide a radial portion 15 extending from the circumference to the center of the head and having an increasing taper toward the center portion where it joins a similarly tapered angular portion 16 extending

radially from the center to a point short of the circumference. As will be noted from the drawing, the elongated slotted portion of the body is rectangular in cross section while the circular head portion 14 is flat at each side.

To the inner sides or faces of the parallel side members 12 are connected a plurality of transversely extending projections, in the present example embodying relatively thin base strips 17 secured, as by adhesive, in face to face relation with the inner sides of the members 12. On the exterior face of each of these base strips are formed a plurality of protruding rounded bosses 18 each of which is formed with a normally straight shank 19 formed at the outer end with an enlarged spherical head 20, providing prongs arranged in transverse rows of three at uniform longitudinally spaced intervals. As best shown at Figure 1 the transverse rows of prongs of the respective sides are advantageously disposed in staggered relation and are of a length exceeding half the width of the slot 11 between the inner sides of the sections 12 so that these ends of adjacent rows project one over the other.

Inasmuch as it is desirable that the prongs as well as the side sections 12 and the head 14 of the body be resiliently flexible with respect to their normal formation it is intended that they be formed of flexible resilient material such as a soft rubber.

The head 14 of the device is adapted to engage a supporting element such as a rod indicated at R, which is engaged in the slot of the head with the elongated remaining portion of the body suspended therefrom. To attach an article, such as a hat, to the device the relatively flat brim portion is slidably inserted into the open end of the slot 11 wherein it bends the projections or prongs inwardly and may spread apart the longitudinal side members 12. The resiliency of the projections and the side members firmly grips the inserted portion of the hat to frictionally hold the same therein. When the hat or other inserted article is to be detached from the hanger device one or both of the side sections 12 may advantageously be swung outward to release the portion gripped by the hanger.

In a modified form of the device illustrated at Figures 3 and 4 the body indicated at 21 having a similar slotted portion is shaped to form a rectangular-shaped solid portion 22 at the closed end. This solid end is provided with a pair of transverse right angularly extending and intersecting bores 23 and with a longitudinally directed bore 24 intersecting the transverse bores.

To attach this device in suspended position a fastening element, such as a headed screw S, may be inserted through the longitudinal bore with its upwardly protruding end screwed into a suitable supporting medium, as shown at Figure 3. An alternative connection of the device may be effected by extending the screw S horizontally through one of the transverse bores 23 to attach the holder to the side of the support structure, as illustrated at Figure 4.

Another modification of the invention, illustrated at Figure 5, embodies attaching to the hanger body 21, described in the foregoing, a vacuum cup 25, through the medium of a bolt 26 which may be extended through one of the transverse bores 23 to dispose the cup 25 at the bottom for suction connection with a horizontal surface for supporting the hanger in approximately horizontal position, wherein it is useful for holding a plurality of sheets of paper or the like.

As illustrated at Figure 6 the vacuum cup 25 may be mounted at the inner end of the holder device by disposing the fastening bolt 26 through the longitudinal bore 24 thereof for detachably connecting the device with a horizontal elevated surface.

Another modification of the device, as shown at Figures 7 and 8, embodies a holder having a slotted body 27 essentially corresponding to that of the hereinbefore described forms, with a solid closed inner end. In this case the side edges of one of the longitudinal side members, indicated at 28, are beveled to slidably engage a dove-tailed slot 29 formed in the top of a base section 30 so that the body may be removably connected with the base. This form of the device also differs in that the flexible projections, indicated at 31, project only from one of the side sections transversely of the slot, with the headed ends touching or nearly contacting the inner face of the opposed section for engaging sheet material such as paper, cards or the like, the projections preferably being disposed to depend from the uppermost longitudinal section and coacting with the bottom section for releasably gripping relatively thin sheets.

It is to be understood that the forms of my invention herewith shown and described are to be taken as preferred and modified examples of the

same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the sub-joined claims.

Having thus described my invention, I claim:

1. In a holder of the character described, an elongated body having a slot extending longitudinally from one end thereof, and a plurality of projections extending transversely of the slot from a side thereof, the slot defining side portions of the body and the projections being resiliently flexible.

2. In a holder device, an elongated body having a slot extending longitudinally from one end thereof, and a plurality of flexible projections extending in staggered relation transversely of the slot from the respective sides thereof.

3. In a holder device, an elongated body having a slot extending longitudinally from one end thereof, a plurality of flexible projections extending in staggered relation transversely of the slot from the respective sides thereof, and a slotted fastening head at one end of the body.

4. In a holding device, an elongated body shaped to define a slot extending longitudinally for the greater length thereof from one end between flexible side sections, a plurality of projections extending transversely of the slot in staggered relation from the respective sides thereof, and a head on the closed end of the body for detachably connecting the same with a support.

5. In a holding device, a body having a pair of spaced apart side members fixedly connected at one end and defining a slot opening at one end of the body, and a plurality of resilient prongs extending inwardly of the said side members for frictionally engaging an object therebetween.

6. A holder device comprising a body of approximately U-shaped configuration having resiliently flexible spaced apart side members, an attaching head at one end of the body, and a plurality of resilient prongs extending inwardly of the said side members adapted to frictionally grip objects inserted between the said side members.

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