Jan. 12, 1937. E. L. KOST ET AL 2,067,537

WRIST CARRIED IMPLEMENT RETAINER

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Fig. 1

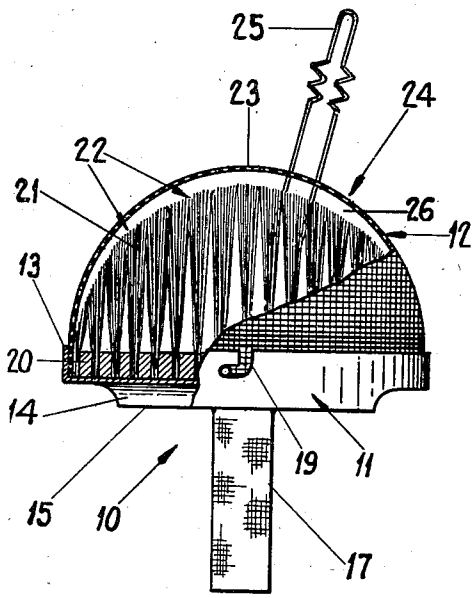


Fig. 2

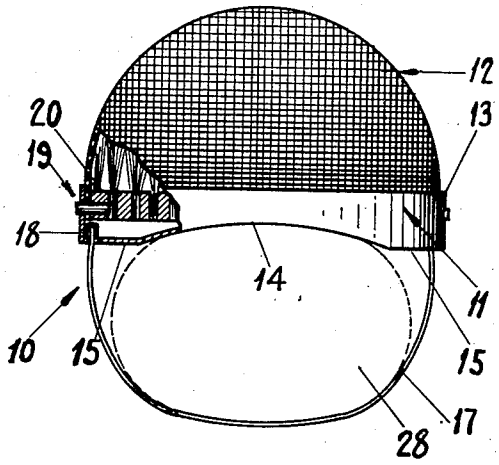


Fig. 3

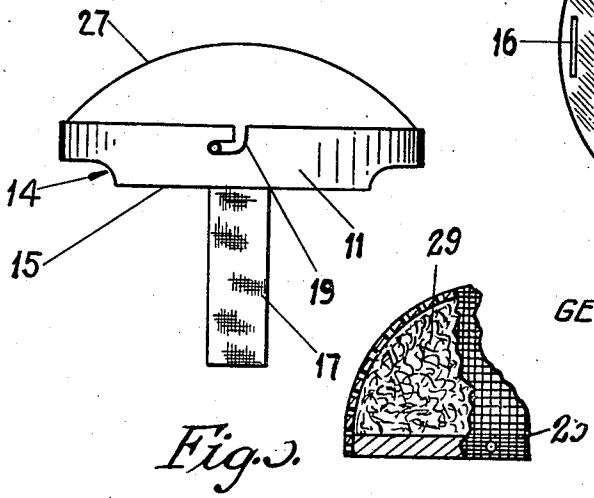
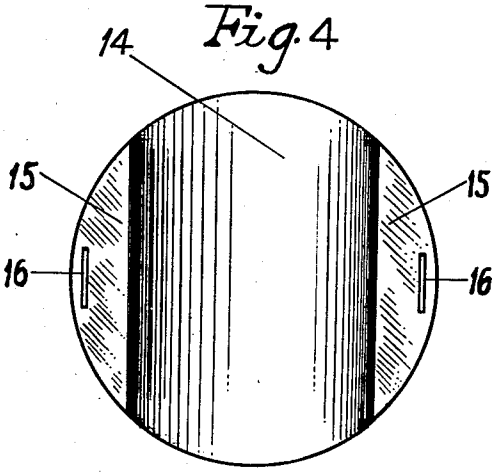


Fig. 4



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WRIST CARRIED IMPLEMENT RETAINER

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3 Claims. (Cl. 223—109)

This invention relates to a combined wrist-supported cushion-like retainer for elongated implements of very small diameter.

An object of this invention is to provide a wrist-supported carrier having means for engaging a removable compacted cushion-like retainer especially adapted for engaging blunt-ended implements, such as hairpins.

Another object of this invention is to provide a carrier having an arcuate lower face designed for seating engagement with the wrist of a human arm and having a flexible strap at its lower surface and means for engaging removably mounted retaining members for a variety of implements used in homes, beauty parlors, etc.

Another object of this invention resides in a cushion-like retainer having an outer reticulated hollow convex member made of metal and an inner brush preferably made of coarse upright bristles, wire or material having coarse interstices, the upper surface of the brush being spaced away inwardly from the outer convex enclosure so as to permit a blunt-ended hairpin or the like to be passed through the apertures in the outer enclosure into the inner retainer and be held in engagement at two points spaced apart a substantial distance.

Another object of this invention is to provide a wrist-supported retainer having engaging means at its upper surface for receiving a variety of implement supporting devices.

With the above and other objects in view, the invention will be hereinafter more particularly described in connection with the accompanying drawing and pointed out in the claims which form part of this specification.

Reference will now be had to the drawing, wherein like numerals of reference designate corresponding parts throughout the several views, in which:

Figure 1 is a side view of an assembled wrist-supported retainer, partly broken away to show the interior of a carrier member and of a cushion-like member for blunt ended implements.

Figure 2 is a front view of the retainer shown in Figure 1, partly broken away and showing a sectional view of a bayonet joint.

Figure 3 is a side elevation of an assembled wrist-supported carrier having a cushion-like member for supporting pins.

Figure 4 is a bottom view of the carrier member.

Figure 5 is a fragmentary view of a cushion-like member stuffed with compacted flexible material.

In the illustrated embodiment of the invention, the numeral 10 indicates an assembled wrist-supported cushion-like retainer comprising a carrier member 11 and a removably supported cushion-like member 12. The retainer 11 has a circularly dished upper portion 13 and a centrally arcuate lower surface 14 terminating in two flat segments 15, 15. The arcuate surface is designed to substantially fit the wrist of a person.

The segments 15, 15, have slots 16, 16, therethrough which permit the insertion of an elastic ribbon 17 from the lower surface into the dished upper portion. As shown in Figure 2, the ends of the ribbon 17 may be gripped with metal clamping members 18 which are larger than the width of the respective slots 16 and serve to secure the ends of the ribbon inside the dished portion 13. It is to be noted that the carrier 11 is thus adapted to be mounted on and secured to an arm of a person with the arcuate surface 14 resting on the wrist and with the elastic ribbon around the wrist. The dished portion 13 has been perforated to provide oppositely disposed bayonet-joint formations or engaging means 19.

The cushion-like member 12 consists of a base 20 having through apertures to receive bristles or wires 21 which are preferably grouped or separated into tufts 22. As best shown in Figure 1, the tufts 22 are of different heights, being highest at the central portion of the circular base 20 and decreasing in height as the outer boundary of the base is approached. The said varying heights being governed by the proximity of the upper ends of the tufts 22 to the interior convex surface of an outer reticulated hollow member 23 which may be made of wire mesh. The aperatures 24 in the wire mesh being large enough to permit free entry therethrough of blunt ended implements such as hairpins 25.

As shown in Figure 1, a hair-pin 25 has been passed through the wire mesh shell 23 and has been frictionally engaged or gripped by the flexible bristles or wires 21. It will be seen that a space 26 may be provided between the wire mesh shell 23 and the bristles or wires 21. The points of entry in the convex wire mesh shell provide free passage for the hair-pin while the lower or inner points within the confines of the outer shell are such that the hair-pin is positively gripped and held tight in whatever position the operator happens to insert the hairpin.

As shown in Figure 3, the carrier member 11 has a pincushion 27 secured thereto by means of the bayonet joint 19. The pincushion may be of

the usual construction, having an outer cloth surface and an inner stuffing.

It is to be noted that the interior of the hollow shell **23** may, if desired, be stuffed with compacted flexible material **29** having coarse interstices between its fibers, as shown in Figure 5, in place of the bristles shown in Figure 1 of the drawing. It is also to be noted that the elastic strap **17**, best shown in Figure 2, straddles the arcuate surface **14** and conforms itself to any size of wrist **28**.

While we have illustrated our carrier **11** as combined with a hairpin retainer **12** and with a pincushion retainer **27**, it is to be noted that we may employ retainers for other purposes, all of which will be interchangeable and detachable from the carrier or base **11**.

What we claim is:

1. A wrist-supported cushion-like retainer for blunt-ended implements, comprising a dished carrier member having an arcuate lower surface and an elastic strap depending from opposite ends of said arcuate surface, a hollow wire mesh member mounted in said carrier, flexible grip means positioned inside said hollow member, said wire mesh having apertures permitting said implements to freely pass therethrough and into frictional engagement with said flexible grip means.

2. A wrist-supported cushion-like retainer for blunt-ended implements, comprising a circularly dished carrier member having a centrally arcuate lower surface and an elastic strap depending from opposite ends of said arcuate surface, a hollow convex wire mesh member mounted in said carrier, flexible grip means having coarse interstices positioned inside said hollow member, said wire mesh having apertures permitting said implements to freely pass therethrough and into frictional engagement with said flexible grip means.

3. A wrist-supported cushion-like retainer for blunt-ended implements, comprising a carrier member having a flange and an arcuate lower surface and an elastic strap straddling and depending from opposite ends of said arcuate surface, a hollow reticulated member detachably mounted in the flange of said carrier, flexible grip means positioned inside said hollow member, said reticulated member having apertures permitting said implements to freely pass therethrough and into frictional engagement with said flexible grip means, and means for securing said carrier member and said reticulated member into unitary relation.

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