Dec. 29, 1953 M. C. LA MANTIA 2,664,231

PLIERS HOLSTER

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Fig. 1

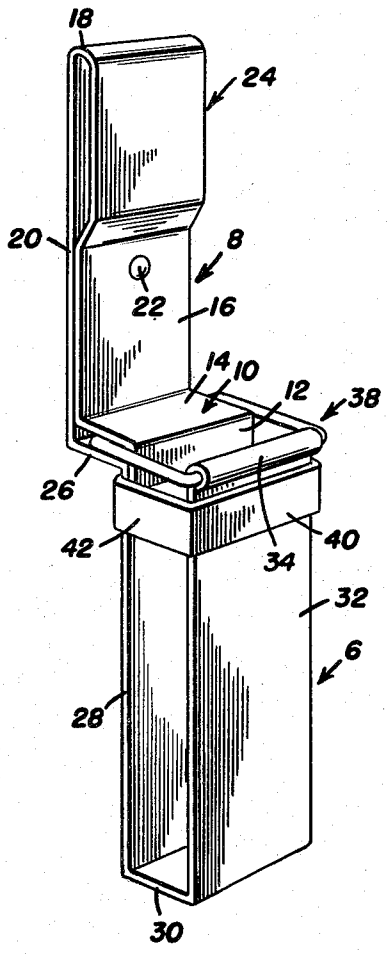


Fig. 3

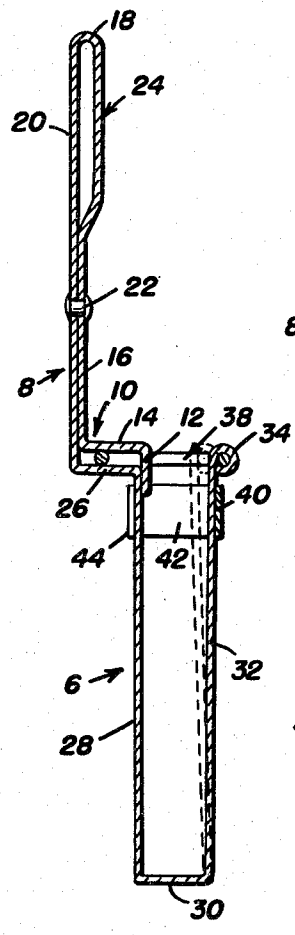
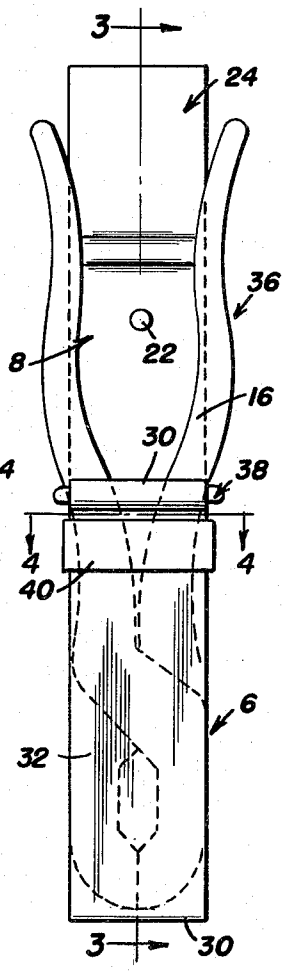


Fig. 2



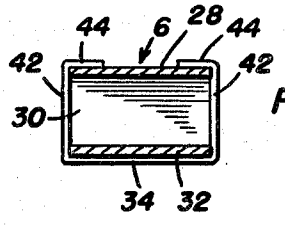


Fig. 4

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PLIERS HOLSTER

Marion C. La Mantia, Detroit, Mich.

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2 Claims. (Cl. 224—26)

1

The present invention relates to an improved holster which is expressly designed and constructed to accommodate and conveniently hold a pair of pliers, the holster being such that the user may readily have unhampered access to the pliers.

There has long existed a recognized need for a simple, practical and economical holder for a pair of pliers. It is therefore the obvious object of the instant invention to provide a holder which takes the form of a conveniently made holster, one in which manufacturers, tool retailers and working men will find their respective requirements and general needs fully met and effectually available.

More specifically, the invention has to do with a construction which is essentially made up of a U-shaped stirrup-like sheath, an offset hanger which attaches to the user's trousers belt, and a portion between the hanger and sheath which provides an anchor for a shackling link carried by one of the limbs of the sheath.

It is another object of the invention to provide a construction as stated wherein the primary components, the sheath, hanger and anchoring member are formed from a single metal strap which is bent upon itself in a manner to achieve the ends desired.

Other objects, features and advantages will become more readily apparent from the following description and the accompanying sheet of illustrative drawings.

In the accompanying sheet of drawings wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is a perspective view of a holster constructed in accordance with the principles of the invention.

Figure 2 is a view in elevation of the same observing it in a direction from right to left and showing the manner in which the pliers are inserted and held in the sheath portion.

Figure 3 is a vertical section on the line 3—3 of Figure 2 and looking in the direction of the arrows.

Figure 4 is a cross section on the line 4—4 of Figure 2, looking in the direction of the arrows.

Referring now to the drawings and particularly to Figures 1 and 3, the U-shaped stirrup-like sheath of the over-all holster is denoted by the numeral 6, the offset hanger is denoted at 8 and the intervening anchor or anchoring member is denoted by the numeral 10. These several main components are susceptible of being satisfactorily made up from a single length or strap of metal. One end of the metal is denoted at 12 where it is

2

bent laterally at 14 in a horizontal plane and then extends vertically at 16 and is bent upon itself at 18 and then bent down again vertically and parallel to 16 as at 20 with 16 and 20 riveted together as at 22 to thus provide the hanger 8, the latter having one portion thereof suitably bent to form a belt accommodating loop 24. The strap is then bent in spaced parallelism as at 26 beneath the original horizontal bend 14 and these two bends define the anchoring member 10. The strap is continued and bent down at 28, horizontal at 30 and vertical at 32 with the portions 28, 30 and 32 defining the U-shaped stirrup-like sheath. The part 28 may be described alternatively as one vertical limb which is relatively fixed and the part 30 as a bight portion and the part 32 as a second vertical limb which is resilient and relatively movable. The inherent resiliency of limb 32 is such that the upper curled end 34 tends to flex towards the limb 28 and the two limbs together provide a resilient grip on the jaw portions of the conventional pliers 36 in the manner shown in Figure 2.

The shackling means is actually a rectangular wire link 38 which is hinged in the terminal or knuckle 34 and has a portion slidable in the anchoring member 10.

A U-shaped strap brace 40 is provided and the arm portions 42 are bent as at 44 in Figure 4 and thus rigidly secured to the rearward side of the limb 28. The provision of this brace greatly stabilizes the over-all unit.

It will be obvious that the hanger member 8 provides satisfactory suspension from the wearer's trousers belt for the stirrup-like sheath 6. The sheath provides a satisfactory self retaining receiver for the pliers. The shackling means and brace means 40 cooperate in stabilizing the over-all construction and making of it one which is sufficiently durable and practical for rough use.

Minor changes in shape, size, materials and rearrangement of parts may be resorted to in actual practice provided no departure is made from the invention as claimed.

Having described the invention, what is claimed as new is:

1. A holster for a pair of pliers comprising a single metal strap bent upon itself at one end to provide substantially U-shaped sheath and bent at its other end to provide a laterally offset upstanding hanger member with a loop and an intervening anchoring member between the hanger member and one of the limbs of said sheath, said anchoring member including spaced parts, a link having a portion slidable between

said parts and another portion thereof hingedly connected with the upper end of one of the limbs of said sheath, and a rigid U-shaped brace having end portions rigidly secured to one of said limbs and having a complemental bight portion embracing the remaining limb, the latter being possessed of inherent resiliency and constituting a retaining clip for pliers which are placed in the sheath.

2. A holster for a pair of pliers comprising a single metal strap bent upon itself at one end to provide a substantially U-shaped sheath, having its other end and an intermediate portion formed with spaced parallel lateral bends extending outwardly at right angles from an end portion of one of the limbs of said sheath and providing a link adapting and anchoring member, the intermediate portion of said strap being further bent upon itself to provide an upstanding hanger, said hanger being offset with respect to the vertical axis of said sheath and extending above the upper end of the sheath and having a belt loop, a link having a portion

anchored to and slidable between the spaced parts of said anchoring member and having a further portion hingedly connected to the upper end of the other limb of said sheath, and a rigid U-shaped strap having end portions rigidly secured to one of said limbs and having a complemental bight portion embracing the remaining limb, the latter limb being resilient and detached from said bight portion, said U-shaped strap being positioned adjacent said anchoring member as well as to the link which is slidably connected to said anchoring member.

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