United States Patent [19]

Rose

[11] **3,718,240**

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[54] **HOLSTER WITH PISTOL RETAINING MECHANISM**

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[52] **U.S. Cl.** .....**224/2 B**
[51] **Int. Cl.**.....**F41c 33/02**
[58] **Field of Search**.....224/2 B, 2 L, 5 R, 5 A, 25 R, 224/26 R, 26 B

[56] **References Cited**

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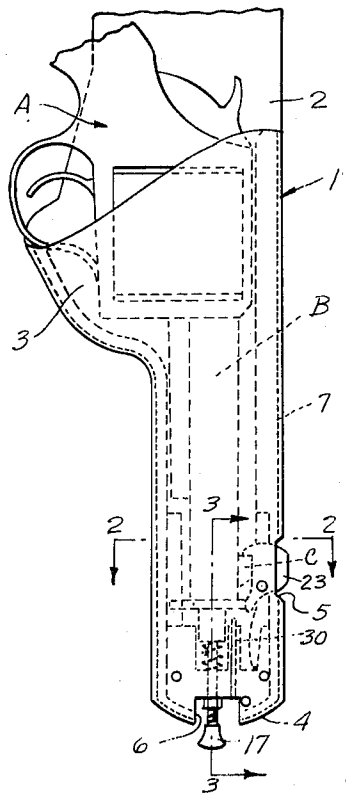
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[57] **ABSTRACT**

A pistol holster has a mechanism therein for retaining a pistol inserted in the holster by engaging the pistol sight and which mechanism will release the pistol upon a slight downward movement of the pistol barrel or a manual downward movement of a muzzle rest retaining screw extending from the holster.

6 Claims, 6 Drawing Figures



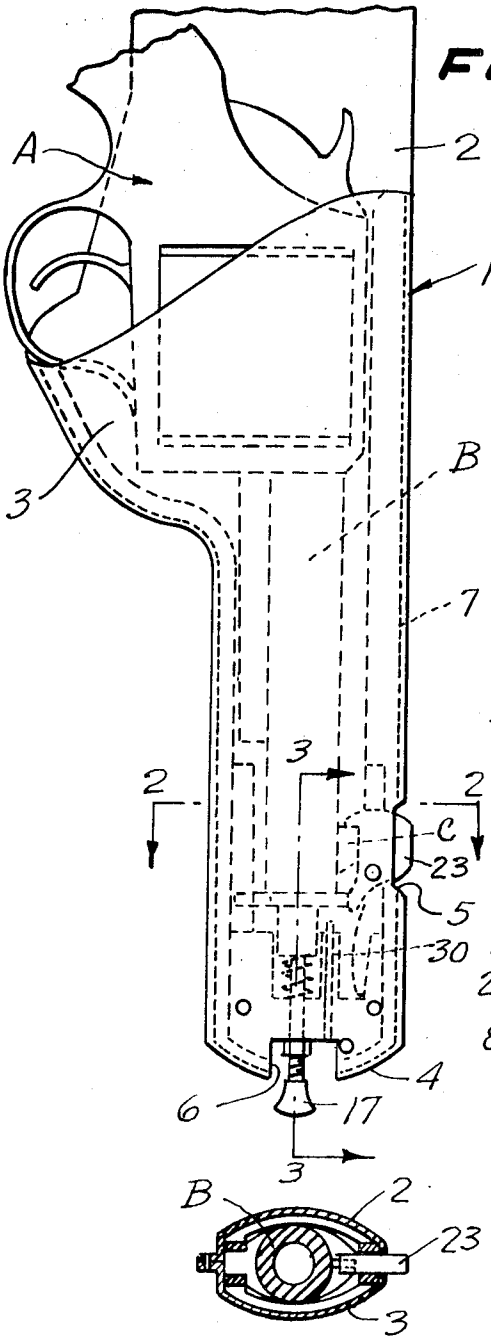


FIG. 1.

FIG. 2.

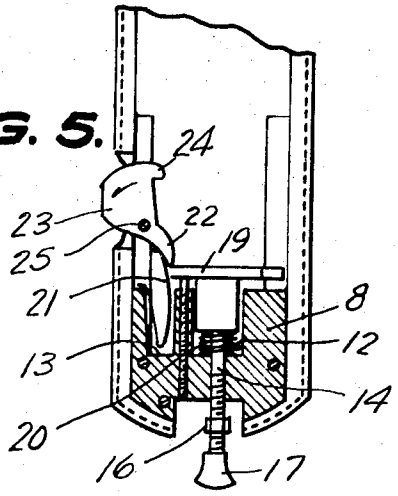


FIG. 5.

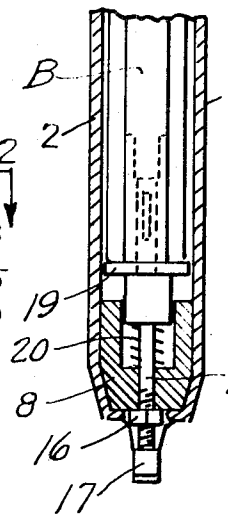


FIG. 3.

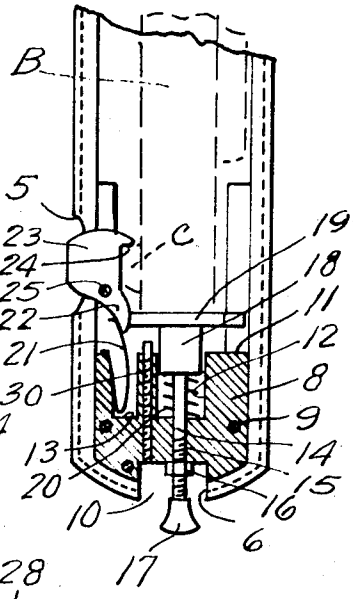


FIG. 4.

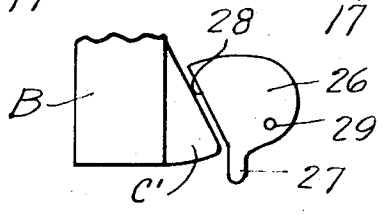


FIG. 6.

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HOLSTER WITH PISTOL RETAINING MECHANISM

The present invention is concerned with a pistol holster having a quick release mechanism capable of detachably retaining a pistol in said holster.

The principal object of the present invention is to provide a mechanism for pistol holsters which will retain a pistol inserted in the holster from being unintentionally withdrawn or accidentally ejected from the holster, but will permit the quick intentional withdrawal of the pistol by a user thereof.

A further important object of the invention is to provide a mechanism for normally retaining a pistol in a holster, but which mechanism can be manually released to permit the withdrawal of the pistol without pushing downwardly thereon whenever desired.

Further objects of the invention will be in part pointed out and in part obvious in the following detailed description of the drawings in which,

FIG. 1 is a partial side elevation of a holster according to the present invention with a pistol therein,

FIG. 2 is a cross-sectional view taken on line 2—2 of FIG. 1,

FIG. 3 is a longitudinal sectional view taken on line 3—3 of FIG. 1,

FIG. 4 is a cross-sectional view of the lower portion of the present holster with the pistol retaining mechanism in its retaining position, as seen from a side opposite to FIG. 1,

FIG. 5 is a view similar to FIG. 4, but with the mechanism in its pistol releasing position, and

FIG. 6 is a view of a modified form of pistol sight block for the pistol sight shown therewith.

Referring now more particularly to the accompanying drawing wherein like and corresponding elements are referred to by like reference characters, A generally indicates a conventional pistol having barrel B and sight C.

Numeral 1 generally indicates a pistol holster having a back 2 and front 3 connected together along their side edges and bottom 4 by stitches 7. An opening 5 is provided in one side of the holster at a position corresponding to the location of sight C when pistol A is in the holster. Also an opening 6 is provided in bottom 4, in line with the axis of barrel B.

A block 8 fills the inner end portion of holster 1 and is retained by pins 9 extending through the front and back of the holster and said block.

Block 8 has a bottom recess 10 facing holster opening 6, top 11, recess 12 in top 11 and in line with recess 10 and a second recess 13 in top 11 to one side of recess 12 and below holster opening 5.

A pin 14 is slideably mounted through block 8 and extends on the axis of recesses 10 and 12 and holster opening 6. Said pin has threads 15 in threaded engagement with adjustment nut 16 and button 17 while extension 18 of a muzzle rest 19 is attached to pin 14 in any conventional manner such as threads, rivets welding or the like.

A coil spring 20 surrounds pin 14 between the bottom of recess 12 and extension 18 tending to move said pin inwardly of the holster until stopped by nut 16.

A leaf spring 21 is positioned in recess 13 with one end on top 11 and the other end against tongue 22 of a pistol sight block 23. Said block has a stop 24 on its inner edge and is pivotally supported in said holster by

pin 25 extending through said holster front and back and said block. The outer edge of block 23 extends through holster opening 5.

In FIG. 6 there is shown a muzzle end of a pistol barrel B with a conventional form of sight C'. When such a sight is to be inserted in the holster, pistol sight block 26 is used in place of block 23. That is block 26 has tongue 27, a slanting side 28 capable of mating with an edge of sight C' and opening 29 for pin 25. Block 26 is otherwise mounted and operates the same as block 23 and it is to be appreciated that other forms of the block can be used according to the shape of the sight of the pistol to be positioned in the holster.

In the use of the present holder, pistol A is inserted until the muzzle of barrel B rests on muzzle rest 19 whereupon the user must manually push either block 23 or 26 inwardly until it engages either sight in a retaining position whereupon tongue 22 or 27 moves to one side of muzzle rest 19 allowing spring 20 to push muzzle rest 19 and barrel B upwardly locking said barrel against withdrawal from the holster.

To release pistol A for withdrawal from holster 1, a user pushes downwardly on pistol A, whereupon barrel B moves muzzle rest 19 below tongue 22 or 27 whereupon spring 21 pivots block 23 or 26 to the position of FIG. 5 so that sight C or C' can pass block 23 or 26 and the pistol A can be withdrawn from holster.

When a quick withdrawal of pistol A is desired, the user can pull knob 17 outwardly to the position of FIG. 5, whereupon sight C or C' is released and the pistol can be withdrawn from holster 1 whenever desired without pushing the pistol inwardly first.

A restricting screw 30 is in threaded engagement with block 8 and can be adjusted to control the downward travel of the muzzle rest 19 to prevent unnecessary downward movements of the pistol in unlocking and tells the user the exact withdrawal moment.

I claim:

1. A pistol holster with retaining mechanism comprising a pistol holster, a block mounted in the inner end of said holster, a muzzle rest resiliently mounted on said block, a sight block pivotally mounted in said holster, having a tongue positioned for at times retaining said muzzle rest below said tongue and an edge of said sight block capable of retaining a sight of a pistol in said holster and resilient means tending to move said sight block tongue over said muzzle rest when said muzzle rest is below said tongue.

2. A pistol holster with retaining mechanism as claimed in claim 1 wherein a pin slideably extends through said block and said holster, said muzzle rest is attached to said pin, resilient means is positioned between said block and said muzzle rest tending to move said muzzle rest and said pin inwardly of said holster and a nut is adjustably mounted on said pin at a side of said block opposite to said spring.

3. A pistol holster with retaining mechanism as claimed in claim 1 wherein said block has a top recess and said resilient means is positioned in said block recess and extends therefrom alongside said sight block tongue.

4. A pistol holster with retaining mechanism as claimed in claim 1 wherein said sight block is pivotally connected to said holster and said holster has a side

opening with said sight block partially extending through said holster side opening.

5. A pistol holster with retaining mechanism as claimed in claim 2 wherein said holster has a bottom opening with said pin extending therethrough and a knob is mounted on said pin exteriorly of said holster.

6. A pistol holster with retaining mechanism as claimed in claim 1 including a screw in threaded engagement with said block and extending therefrom below said muzzle rest for limiting the downward movement of said muzzle rest.

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