

United States Patent

Angell

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[54] OPEN-TOP GUN HOLSTER

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[58] Field of Search .. 224/2.2, 2.3, 2.4, 2 B

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Primary Examiner—Philip Arnold

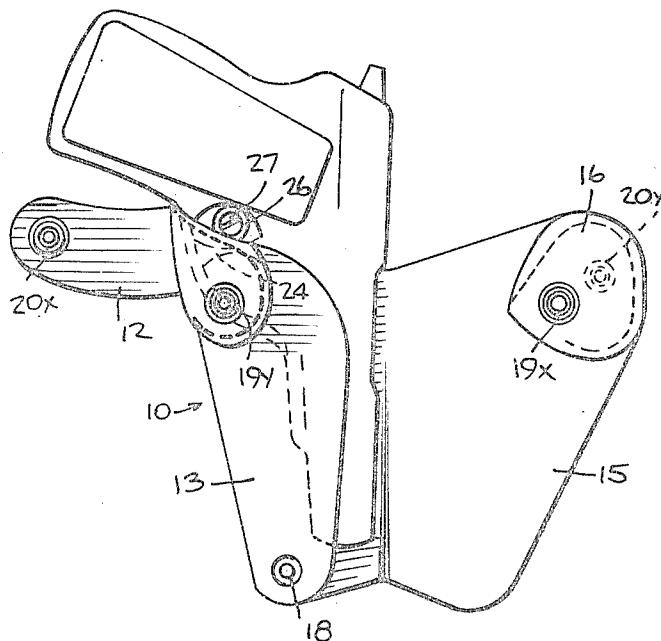
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ABSTRACT

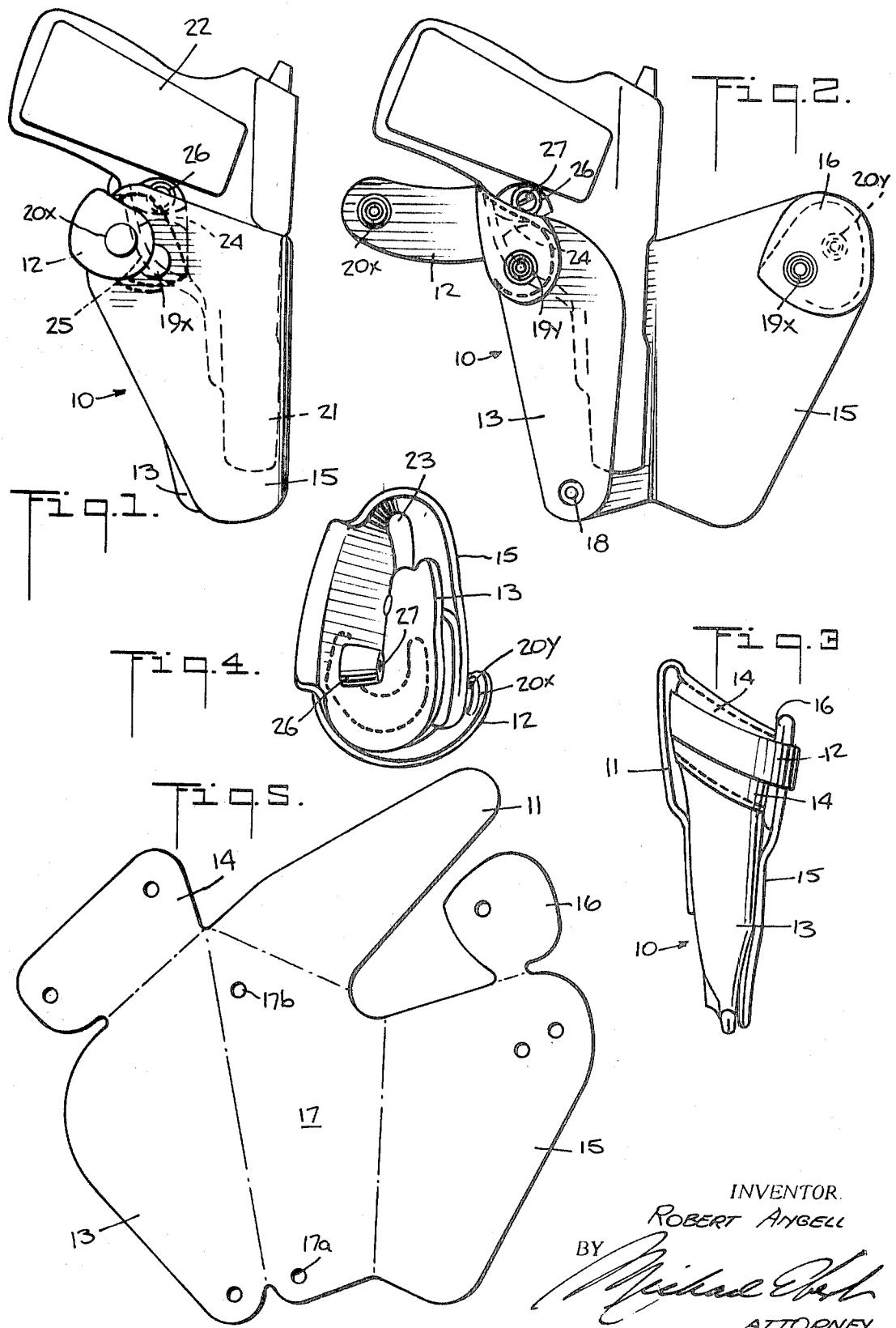
An open-top holster for a handgun whose grip is exposed, the holster affording maximum security for the gun and yet having the capability of being readily unlatched to facilitate a quick draw. The holster is constituted by a central section having first and second flaps on either side thereof, the first flap being folded over the central section and being secured thereto to define a tapered pocket that is shaped to receive the barrel and trigger assembly of the gun. The second flap is foldable over the first flap and is detachably secured thereto by a snap fastener which may be unlatched simply by forcing a finger between the flaps. Anchored on the central section is a locking stud which projects within the trigger guard of the gun behind the trigger to impede movement thereof as well as to prevent removal of the gun from the holster as long as the second flap is latched.

5 Claims, 5 Drawing Figures



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OPEN-TOP GUN HOLSTER

RELATED APPLICATION

This application is related to my copending application Ser. No. 792,106, filed Jan. 17, 1969, entitled "QUICK-DRAW HOLSTER" now U.S. Pat. No. 3,531,031.

BACKGROUND OF THE INVENTION

This invention relates generally to holsters for small arms, and more particularly to an open-top holster which, though it exposes the grip of the gun, provides a high measure of security and yet facilitates quick gun withdrawal at the proper angle.

A holster is a leather case for a pistol that more or less conforms to the pistol's shape. The design of a holster must take into account two basic requirements which to some degree are incompatible. The first requirement is security, for it is vital that the pistol be safely held so that it remains on the active person and is not prone to accidental discharge. The second requirement, which is quick withdrawal, is of equal importance, for when the need arises to put the pistol into action, one must be able to draw the pistol from the holster without difficulty, and to raise it to the proper firing position in the shortest possible time.

In order to facilitate quick withdrawal, many holsters are open at the top, thereby exposing the grip of the pistol and providing immediate access thereto, the barrel and trigger assembly being socketed in the holster. While in conventional designs, a holster of this type makes quick withdrawal possible, it fails to afford adequate security, in that means are lacking to prevent the pistol from accidentally falling out of the holster.

Moreover, with a conventional open-top holster, the sides are closed and one is constrained to withdraw the gun with an upward sweep, after which it is necessary to swing the hand outwardly to raise the gun to its proper firing position. This complex motion is not best calculated to expedite an effective firing action. Ideally, one should be able to draw the gun laterally from the holster so that, with a single arm motion, one is able to swing the pistol counterclockwise from the holster to the firing position.

It must be borne in mind that pistols are generally withdrawn in a state of excitement and tension, and that any difficulty experienced in withdrawal may have serious consequences. Thus the problem encountered in holster design is that expedients which maximize security are generally at the expense of quick withdrawal, for the former factor is in conflict with the latter.

SUMMARY OF THE INVENTION

In view of the foregoing, it is the principal object of this invention to provide an open-top holster which affords both a high measure of security and quick withdrawal.

More specifically, it is an object of this invention to provide an open-top holster of the break type in which the holster is releasable with a single action whereby the pistol may be gripped and laterally withdrawn in the shortest possible time.

A salient feature of the invention resides in a locking stud arrangement which acts to prevent the gun from falling out or being removed from the open-top holster when the holster is latched, and also serves to impede accidental firing thereof.

Also an object of the invention is to provide an efficient and reliable open-top holster of the above type which may be manufactured and sold at relatively low cost.

Briefly stated, these objects are accomplished by an open-top, quick-draw holster adapted to afford maximum security for a handgun whose grip is exposed. The holster includes a central section having first and second flaps on either side thereof, the first flap being folded to overlap the central section and being secured thereto to define a tapered pocket which is shaped to receive the barrel and trigger assembly of the gun. The second flap is foldable over the first flap and is detachably secured thereto by a snap fastener which may be unlatched simply by forcing a finger of the hand between the

flaps. Anchored on the central section is a locking stud which projects within the trigger guard of the gun behind the trigger to prevent removal of the gun and to impede movement of the trigger.

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OUTLINE OF THE DRAWING

For a better understanding of the invention, as well as other objects and further features thereof, reference is made to the following detailed description to be read in conjunction with the accompanying drawing, wherein

FIG. 1 is a front elevation of a holster in accordance with the invention, the holster being shown in the latched state with a handgun therein;

FIG. 2 is the same as FIG. 1 except that the holster is unlatched and in condition for withdrawal of the handgun;

FIG. 3 is a rear elevation of the holster without the handgun;

FIG. 4 is a plan view of the holster; and
FIG. 5 shows the single piece of profiled leather from which the holster is fabricated.

DESCRIPTION OF THE INVENTION

Referring now to the drawings, there is shown an open-top holster in accordance with the invention, the holster including a pocket generally designated by numeral 10, whose tapered form conforms to the barrel and trigger assembly of the pistol or handgun to be carried thereby. The holster is provided with a loop 11 through which a belt is passable to support the holster at the waist of the wearer. Also provided is a safety strap 12.

As best seen in FIG. 5, the holster is fabricated from a single, profiled piece of leather or flexible sheeting of synthetic material having similar characteristics. The piece is contoured to define a left flap 13 having a tab extension 14, and a right flap 15 having a tab extension 16, the flaps being integral with a central section 17. Central section 17 is provided with a triangular extension which, when stitched to the outer surface of central section 17, forms loop 11.

Left flap 13 is folded over central section 17 and is secured thereto at the nose of pocket 10 by a rivet 18 (not FIG. 2) which passes through coincident holes 13a and 17a. Tab extension 14 is bent over flap 13 and is stitched thereto (not FIG. 3) to provide a reinforced upper edge for the holster. Right flap 15 is foldable over left flap 13 and is detachably connected thereto by means of a snap fastener whose male element 19Y is affixed to flap 13.

Tab extension 16 is bent over right flap 15 and is stitched thereto, as shown in FIG. 2, to provide a reinforced zone within which is placed female element 19X. One end of safety strap 12 is pivotally connected to the rear of pocket 10, the other end having a female fastener element 20X which snaps onto a male element 20Y affixed to the outer surface of flap 15.

The gun held in the holster includes a barrel 21 which is socketed in the nose portion of the holster, the grip 22 protruding outside the holster and therefore being immediately accessible. It is to be noted that the nose of the holster is not fully sealed but is provided with an opening 23 (FIG. 4) which allows for drainage and the discharge of any debris which may collect in the holster.

The trigger assembly of the gun includes a trigger 24 which is movable within a trigger guard 25. The holster is provided with a slightly conical locking stud 26 which is anchored on the main section 17 by means of a screw 27 passing through hole 17b. Stud 26 is positioned within the holster so that it projects through the trigger guard 25 in the space therein behind trigger 24.

Thus when the gun rests within the holster, locking stud 26 prevents removal of the gun therefrom despite the fact that the grip is exposed. The stud also impedes movement of trigger 24 within the guard, so that it is impossible to fire the gun without first disengaging it from the locking stud.

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In order to withdraw the gun from the holster, it is first necessary to release the safety strap. The presence of this strap is, however, optional. It is then necessary to unlatch flap 15. This is done by forcing a finger of one hand between flap 15 and flap 13 to disengage snap fastener 19X-19Y, thereby 5 breaking open the holster as shown in FIG. 2.

The gunman who has the grip of the gun in his grasp is now able, with a slight twisting motion, to pull the gun away from the locking stud 26 and to then draw the gun sideways out of the holster pocket, after which he swings the gun counter-clockwise to the horizontal firing position, all in a single, uninterrupted motion which is carried out with one hand. Thus in 10 the present open-top holster design, the requirement for security is reconciled with the need for quick withdrawal.

When returning the gun to the holster, the gun is again 15 placed so that the locking stud projects into the trigger guard behind the trigger, and the right flap is then latched onto the left flap, after which the safety strap is snapped on.

While there has been shown and described a preferred embodiment of an open-top holster, it will be appreciated that 20 many changes and modifications may be made therein without, however, departing from the essential spirit of the invention. For example, for purposes of increased security, the locking stud may be provided with a snap fastener to connect its head to the first flap 13. Also the stud may be provided with 25 a small lip adapted to overhang the trigger.

I claim:

1. An open-top holster for a handgun adapted to afford maximum security therefor and having the capability of being readily unlatched to facilitate a quick draw, said holster comprising:

A. a central section,
B. a first flap extending from one side of said central section and folded thereover to define a tapered pocket shaped to receive the barrel and trigger assembly of a gun whose grip is exposed, said first flap being secured to said central section at the nose of the pocket,

C. a second flap extending from the opposing side of said central section and foldable over said first flap,
D. a snap fastener detachably securing said second flap to said first flap at a position at which the second flap may be released by forcing a finger between the flaps,

E. a locking stud anchored on said central section at a position in which the stud projects within the trigger guard of the gun behind the trigger whereby movement of the trigger is blocked thereby, and
F. a safety strap extending between the rear of the central section and the second flap, whereby said second flap cannot be released without first disconnecting said safety flap.

2. A holster as set forth in claim 1, wherein said central section and said flaps are formed from a single, profiled piece of leather.

3. A holster as set forth in claim 1, wherein said flaps each include a folded-over tab to provide reinforcement therefor.

4. A holster as set forth in claim 1, further including a loop to support the holster on a belt, said loop being formed by a triangular extension integral with said central section.

5. A holster as set forth in claim 1, wherein said stud has a somewhat conical form.

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