

1

3,188,763  
BOLT ACTION PISTOLRoy C. Duncan, 522 Leeson Ave., Cadillac, Mich.  
Filed June 10, 1963, Ser. No. 286,768  
6 Claims. (Cl. 42-16)

This invention relates to a bolt action pistol, and more particularly to such a pistol having a novel barrel and bolt chamber assembly and a novel type of housing for the same.

To my knowledge, before my invention no one has ever developed a bolt action pistol. In accordance with this invention I have constructed such a pistol by providing a novel barrel and bolt chamber assembly and providing a novel type of housing. Further, I have provided a novel type of housing having a handle extending downwardly therefrom and an opening in the top corresponding to the shape of the barrel and bolt mechanism assembly. Thus, the housing partially receives the barrel and bolt mechanism assembly so that this assembly is seated and secured partially within the housing. Extending downwardly from the housing is a handle and trigger guard. The handle is hollow and receives the magazine which normally contains the bullets.

Having briefly described the objects of my invention, I will now describe it in detail in conjunction with the accompanying drawing wherein:

FIG. 1 is a side elevational view of my pistol.

FIG. 2 is a side elevational view of the barrel and bolt chamber assembly.

FIG. 3 is a cross sectional view of the housing.

FIG. 4 is a cross sectional view taken along the plane IV-IV of FIG. 1 and showing the scope base.

FIG. 5 is a partial cross sectional view taken along the plane V-V and also illustrating another part of the scope base.

Now referring specifically to the drawings, reference numeral 1 designates a barrel and bolt chamber assembly which includes the barrel 2 and bolt chamber 3.

Secured at the bottom of the assembly 1 is the trigger mechanism 4, the magazine 5, and the trigger 6. Located in the bolt chamber is the bolt head and bolt body assembly 7 (FIG. 1). The entire barrel and bolt chamber assembly is mounted in the housing 8 which is a substantially hollow housing having an open top 9 partially receiving the barrel and bolt chamber assembly 1 in such a fashion that it seats within the opening. The housing 8 and assembly 1 are secured together by a screw 10 and any other type of fastening means.

The trigger mechanism includes many conventional operative parts, only two of which are shown for illustrative purposes. These two parts are the trigger 11 and sear 12. The trigger 6 is provided forwardly of the magazine 5. It is pivotally mounted on a support 13 secured to the recoil lug 14. The trigger 6 has an upwardly extending part 15 secured to a connecting link 16 which extends to the trigger lever 11 and is operatively secured thereto by the trigger pin 17. By this construction, the trigger lever 11 is actuated by the trigger 6. As is well known, the trigger lever 11 causes actuation of the sear 12 which in turn releases the firing pin within the bolt head and bolt body assembly, all of which is well known and conventional.

Although the entire construction of the bolt is not shown because it is conventional, it should be understood that the bolt head and bolt body assembly includes a bolt body 26 to which the handle 27 is secured, a bolt head 28, and firing pin (not shown) which fires the bullet.

As will be evident from FIGS. 1 and 2 the barrel part of the assembly 1 includes a scope base 13 having con-

2

cave walls 19 about which the clamps of the scope are fitted. Located rearwardly of the scope base 18 is a second scope base 20 having the undercut surfaces 21 about which the clamps of the scope can be clamped.

The barrel 2 is made to be vented by providing a sighting bar 21 which is mounted at a spaced relationship from the barrel itself providing the openings 22 and 23.

The housing 8 is an elongated housing corresponding to the shape of a pistol. It is hollow and has an open top for receiving the barrel and bolt chamber assembly. A handle 24 extends downwardly therefrom and forwardly of the handle is the trigger guard 25. At the extreme rearward end is the recoil pad 26. Above the trigger guard is an opening 27 for receiving the trigger 6 when the gun is assembled.

When assembled, the barrel and bolt chamber assembly is seated within the opening 9 of the housing. As will be noted, the recoil pad 26 is inclined slightly forwardly permitting the barrel and bolt chamber assembly to be inserted thereunder which helps retain the barrel and bolt chamber assembly within the housing. As previously stated, the screw 10 at the front of the housing holds the assembly 1 in the housing in the position shown by FIG. 1. As illustrated by FIG. 1, the magazine 5 extends into the hollow handle 24. This construction makes possible the utilization in a pistol of a magazine type feed required for bolt action fire arms.

Having described my invention, although I have illustrated and described preferred embodiments, it should be understood that other embodiments and modifications could be made without departing from the spirit of this invention. Therefore, this invention should be limited only as set forth by the language of the appended claims and their equivalents.

I claim:

1. A bolt action pistol comprising: an integral barrel and bolt chamber assembly having a barrel located at the forward end of the assembly and a bolt chamber at the rearward end; a bolt head and body assembly in said chamber; a trigger mechanism located below said bolt chamber and having a sear for causing the actuation of a firing pin within said bolt head and body assembly; a magazine located forwardly of said trigger mechanism and also below said bolt chamber; a trigger mounted on said assembly forwardly of said magazine; a connecting link between said trigger and trigger mechanism; and a housing extending the entire length of said barrel and bolt assembly and resembling the shape of a pistol, said housing having an open top for partially receiving and for seating said assembly therein, said housing having a pistol handle extending downwardly therefrom.

2. A bolt action pistol comprising: an integral barrel and bolt chamber assembly having a barrel located at the forward end of the assembly and a bolt chamber at the rearward end; a bolt head and body assembly in said chamber; a trigger mechanism located below said bolt chamber and having a sear for causing the actuation of a firing pin within said bolt head and body assembly; a magazine located forwardly of said trigger mechanism and also below said bolt chamber; a trigger mounted on said assembly forwardly of said magazine; a connecting link between said trigger and trigger mechanism; and a housing extending the entire length of said barrel and bolt assembly and resembling the shape of a pistol, said housing having an open top for partially receiving and for seating said assembly therein, said housing having a hollow handle receiving said magazine therein.

3. A bolt action pistol comprising: a barrel and bolt chamber assembly having a barrel located at the for-