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SURVIVAL GUN

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2 Claims. (Cl. 42—2)

My invention relates to weapons and has particular relation to a survival gun.

One purpose of my invention is to provide a survival gun which may be easily and simply broken down and reassembled within a minimum space for carrying and storage.

Another purpose is to provide a survival gun of maximum simplicity and light weight.

Another purpose is to provide a fire-arm having a minimum sum of elements to provide a maximum in simplicity and a minimum in weight as well as to reduce the space required for carrying and packaging.

Another purpose is to provide a firearm which may be produced at a minimum cost.

Another purpose is to provide a simple survival fire-arm with which a variety of types of ammunition may be employed and which may be used, depending upon the type of ammunition, for the securing of game and even for limited self-defense.

Another purpose is to provide a survival gun which, consisting of this particular structure, may be dropped without a parachute by a plane to survivors and others on the ground.

Other purposes will appear from time to time in the course of the specification and claims.

I illustrate my invention more or less diagrammatically in the following drawings, wherein—

Figure 1 is a side view with parts broken away and in partial cross-section;

Figure 2 is a detail view taken on the line 2—2 of Figure 1;

Figure 3 is a detail view illustrating the trigger slot employed with my invention;

Figure 4 is a view taken on the line 4—4 of Figure 3.

Like parts are indicated by like numerals throughout the specification and claims.

Referring now to the drawings and particularly to Figure 1, the numeral 1 illustrates generally a butt plate which may, for example, be formed of metal. As illustrated in Figures 1 and 2, the butt plate has a generally flat rear face 2 and a parallel forward face 3. The butt plate 1 may be generally rectangular in cross-section and may have its opposite corners rounded as indicated at 4 and 5 in Figure 2. Rigidly secured to the face 3 of the butt plate 1 and adjacent one end thereof, in any suitable manner, is a tubular stock member 6. The member 6 may have the threads 7 about the outer circumferential surface of its open end portion 8.

Threadedly engaged, when my survival gun is in its assembled condition illustrated in Figure 1, with the end portion 8 is the angularly offset end portion 9 of the receiver member 10, the end portion 9 having internal threads 11 for this purpose. While the connection of the receiver member 10 with the stock 6 is shown as by means of the threads 7, 11, it will be understood that this connection could be a bayonet or other type of removable, manual connection without departing from the nature and scope of my invention.

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The hollow tubular receiver member 10 has its opposite end internally threaded as at 12 to removably receive the tubular barrel 13 having at its inner end the external threads 14 for engagement with the threads 12 of the receiver member 10.

15 is a striker slidably mounted within the receiver 10. The striker 15 has a forwardly projecting firing pin 16. Secured within a forward portion of the receiver 10 is a block or blocks 17 having an axial opening or passage 18 therethrough. The passage 18 taking the general form and shape of the pin 16 and positioned in alignment therewith to receive the pin 16. A yieldable means, such as the spring 20, is positioned in the receiver 10 behind the striker 15. The spring 20 has its forward end positioned in contact with the rear face 21 of the striker 15 and its opposite end seated against a rear plug or abutment 22 secured within the receiver 10 adjacent the rear portion 9 thereof.

A finger stud or trigger member 25 is connected to the striker 15 through the medium of the reduced stud 26. The stud 26 extends from the striker 15 within the receiver 10 through a trigger slot 30 in the lower portion of the receiver 10, the trigger portion 25 being positioned outside the receiver 10 and having an annular shoulder or flange 25a for slidable movement along the receiver 10 on opposite sides of the slot 30. The slot 30 has an L-shaped offset slot portion 31 adjacent its forward end, as illustrated best in Figure 3. The slot portion 31 is formed to receive the pin or stud portion 26 to provide a safety lock for my survival gun.

As best seen in Figure 1, the tubular stock 6 is adapted to provide storage for extra ammunition such as the ammunition illustrated generally at 40, for example.

The butt plate 1 carries on its surface 3 and spaced from the stock 6, a rigidly connected socket member 42. The socket 42 has the internal threads 43 arranged to receive the external threads 14 of the barrel 13. The barrel 13 is shown in its stored position in dotted lines of Figure 1, threads 14 being engaged with the threads 43. As illustrated in Figure 1, the barrel 13 is formed of a length such as to extend from the socket 42 to a position generally adjacent the outer end of the receiver member 10 to provide a storage or carrying assembly of my survival gun which shall occupy the smallest possible area.

Whereas I have described and illustrated a practical and operative device, nevertheless, many changes may be made in the size, shape, number and disposition of parts without departing from the spirit of my invention. I, therefore, wish my description and drawings to be taken as in a broad sense illustrative or diagrammatic, rather than as limiting me to my precise showing.

The use and operation of my invention are as follows:

My survival gun is carried or stored with the barrel 13 in the position shown in dotted lines in Figure 1 and with the remainder of the elements of my survival gun in the position illustrated in Figure 1. A supply of ammunition may be safely carried in the hollow tubular stock 6.

When it is desired that the gun be used, the receiver 10 may be easily and simply disconnected from the stock 6. The required ammunition may be removed from the stock 6 and the receiver member 10 may be easily and simply connected to the stock 6. Of course, when the user carries ammunition in a belt or other carrier, it is unnecessary to remove the receiver 10 to obtain ammunition. In such case, the ammunition stored in the stock 6 may be allowed to remain therein as emergency ammunition. In either event, the user then disconnects the hollow tubular barrel 13 from the socket 42 and connects the barrel 13 to the outer end of the receiver 10. In the form illustrated in the drawing, the operator merely turns the barrel 13 to engage the threads 12, 14 of the

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receiver 10 and barrel 13. A round of ammunition such as the round 40, shown in the right hand upper portion of Figure 1, is carried in the barrel 13. The operator then merely moves the finger stud or trigger 25 from the slot 31 laterally into the slot 30. The operator then draws the trigger 25 rearwardly against the action of the spring 20. The operator then fires the gun by merely releasing his finger from the trigger 25, the spring 20 then urges the striker 15 rapidly forward in the receiver 10 to bring the pin 16 through the passage 18 into contact with the ammunition 40 to fire the gun.

After the gun is fired, the operator removes the barrel 13 from the receiver 10, extracts and discards the empty shell therefrom, if any, and reloads for the next shot.

When it is no longer necessary or desired to fire my survival gun, the operator merely removes the barrel from the receiver, as it is shown in the shooting position, illustrated in the upper portion of Figure 1, and attaches the barrel 13 to the socket 42 of the butt plate 1, as illustrated in the carrying position in the lower portion of Figure 1.

I claim:

1. In a survival gun, a combination stock and ammunition storage member, said member comprising a plate, and a first, elongated, hollow tubular member having one end thereof fixedly secured to one face of said plate, said tubular member extending outwardly substantially perpendicularly from said plate, a receiver removably secured at one end thereof to the outer, opposite end of said tubular member, said receiver having a spring-operated trigger element movably mounted and retained therewithin, and a barrel, said barrel comprising a second, elongated, hollow tubular member removably engagable with the opposite end of said receiver, said barrel having an internal diameter substantially equal to that of said first tubular member, said plate having on said face thereof, at a point spaced from said first tubular member, a socket element formed identically with the said opposite end of said receiver and positioned to removably receive said barrel and to retain said barrel in a plane substantially paralleling that occupied by said first tubular member.

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2. In a demountable survival gun, a combination stock and ammunition storage member, said member comprising a substantially flat plate, a first, elongated, hollow, pipe-like, tubular member having one end thereof fixedly secured to one face of said plate, said member extending outwardly substantially perpendicularly from said plate and having an attaching formation at its outer end, a receiver member comprising a pipe-like member having an outer diameter substantially equal to that of said combination stock and storage member, and having attaching formations adjacent one of its ends formed and adapted for engagement with said stock member outer end, said receiver member having a spring-operated trigger element movably mounted and retained therewithin and having attaching formations at its opposite end, a barrel comprising a second, elongated, hollow, pipe-like member having attaching formations at one of its ends formed and adapted for engagement with said attaching formations at said opposite end of said trigger member, said barrel having an inner and outer diameter substantially equal to that of said stock member, said plate having on said face thereof, at a point spaced from said stock member, an element having attaching formations formed identically with the attaching formations at said opposite end of said receiver member and positioned to removably receive said barrel and to retain said barrel in a plane substantially paralleling that occupied by said first tubular member, the combined length of said stock member and receiver member being substantially equal to the length of said barrel.

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