March 1, 1949. H. B. HOLROYD 2,463,107

SHOOTING SLING FOR RIFLES

Filed Dec. 10, 1947 2 Sheets-Sheet 1

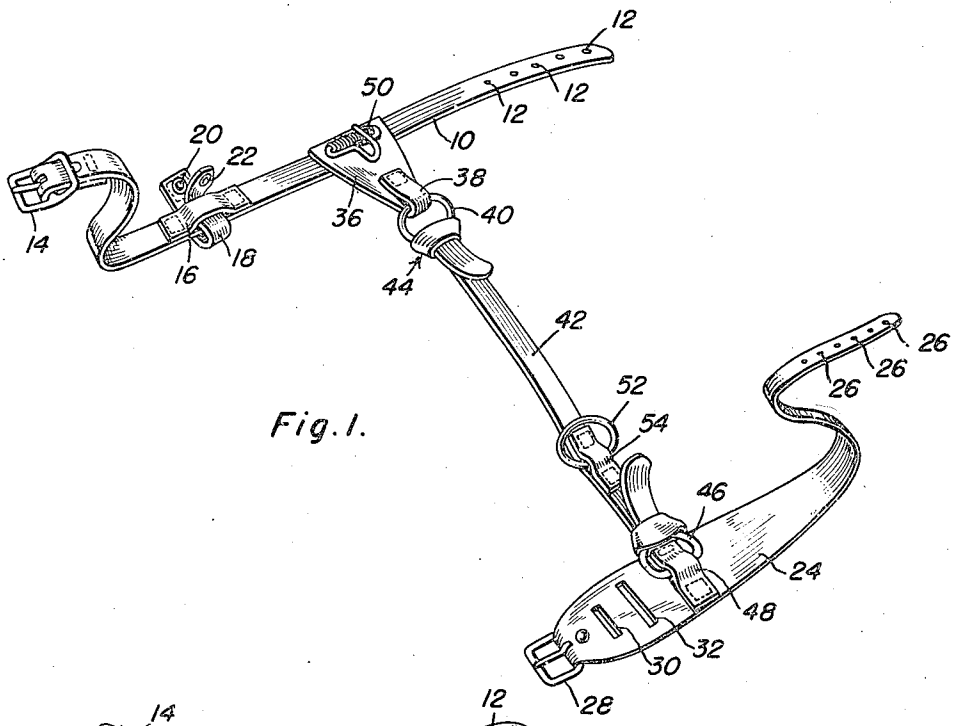


Fig. 1.

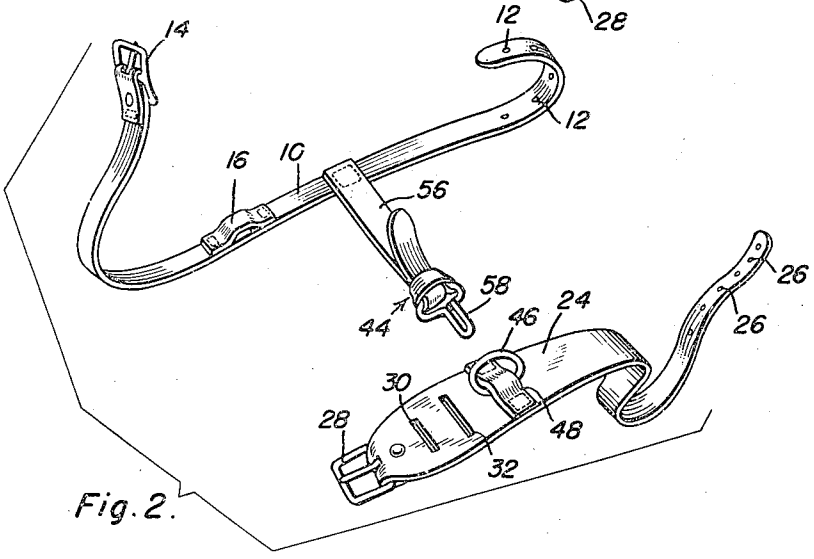


Fig. 2.

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SHOOTING SLING FOR RIFLES

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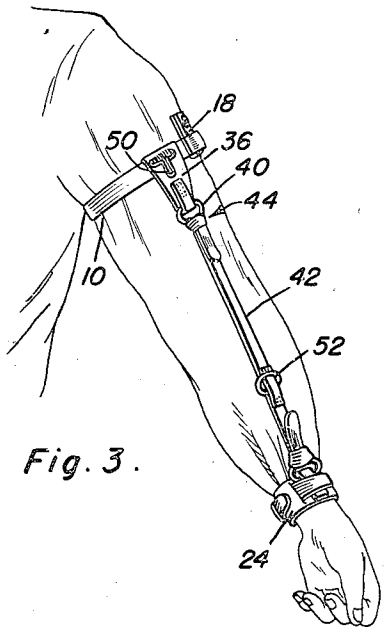


Fig. 3.

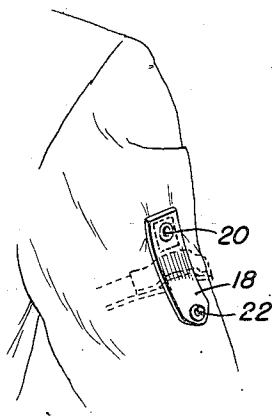


Fig. 4.

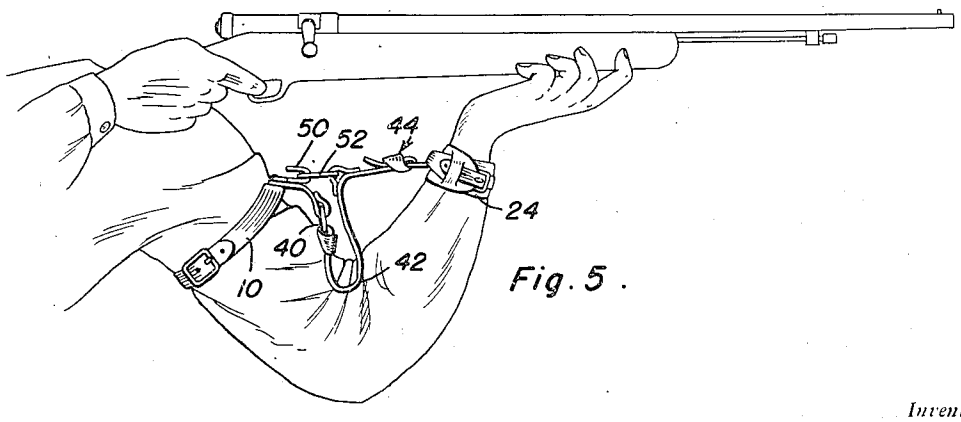


Fig. 5.

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UNITED STATES PATENT OFFICE

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SHOOTING SLING FOR RIFLES

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Application December 10, 1947, Serial No. 790,917

6 Claims. (Cl. 42—94)

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This invention appertains to novel and useful improvements in devices for supporting and steadying the arm in the proper position for shooting rifles, or other firearms, in order to realize great precision in aiming.

An object of this invention is to provide extensible or adjustable means adapted to be positioned about the arm near the shoulder.

Another object of this invention is to provide means for securement about the wrist of the shooter.

Another purpose of this invention is to provide improved, extensible means for attaching the means engaging the arm near the shoulder and the wrist engaging means.

Another purpose of this invention is to provide means for adjusting the effective length of said attaching means.

Another object of this invention is to provide means for anchorage to a selected article of wearing apparel.

Another purpose of this invention is to provide an extremely simple device of the character described which may be simply, easily, and quickly rendered operative, when so desired.

Ancillary objects and features of novelty will become apparent to those skilled in the art, in following the description of the preferred form of the invention, illustrated in the accompanying drawings, wherein:

Figure 1 is a perspective view of one form of the present invention;

Figure 2 is a perspective view of a slightly modified form of the invention;

Figure 3 is a perspective view of the first form of the invention, showing the same utilized in association with a person's arm;

Figure 4 is a perspective view of the securing means forming a part of the present invention; and

Figure 5 is a side elevational view of the invention in use.

Referring now in detail to the illustrated preferred form of the present invention as well as to the modification thereof, like reference characters are used throughout to indicate identical elements.

This invention has been conceived and developed to provide a supporting and steadying device, for giving precision in aiming, which may be made operative instantly. This invention is especially effective when firing from the prone, sitting and kneeling positions, and it gives some steadying effect when firing from the standing position. The instantly operative character of

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this device is obtained by attaching it to the arm of the shooter, and not to the rifle, or other firearm.

It is within the purview of the present invention to provide a device which is not cumbersome in use, and which is not cumbersome to transport when the device is not actually serving its intended function. Further, numerous adjustments are utilized in association with the invention, whereby it may be adapted for use by many individuals of different characteristics.

Referring now to the first embodiment of the present invention, there is provided a strap 10 having a plurality of apertures 12 at one end thereof and a conventional buckle 14 at the opposite end. This of course renders the strap adjustable relative to the effective length thereof. As is readily apparent from an inspection of Figure 3, the said strap 10 is positionable about the arm of an individual near his shoulder.

Means for securing the said strap to a selected article of clothing, such as a shirt, jacket or the like is provided. This means may be seen as the loop 16 which is stitched or otherwise secured to the said strap 10, having a second loop 18 extending therethrough. These loops should be of rather close fit in order that lost motion is substantially obviated in this connection. Also, the said loop 18 extends over the body of the strap 10 and the said loop 16 is used for the purpose of stabilizing the construction. Means for fastening the said loop 18 to the article of clothing is provided. The preferable means is a plurality of clips or snap fasteners 20 and 22 respectively which attach to each other as well as attach to another snap fastener on the shirt, jacket or coat of an individual.

A band 24 having a plurality of apertures 26 adjacent one end thereof is provided. A conventional buckle 28 is secured to the opposite end of said band 24 and is selectively associated with the said apertures 26 for adjusting the useful length thereof. A pair of slots 30 and 32 respectively are provided in the said band 24 for interweaving the terminal portion of the said band therethrough. This of course adds to the strength and rigidity of the construction when the invention is in the operative position.

Means for connecting the band and the strap is provided. It is in this connecting means that the distinguishing characteristic of the first and second embodiment of the invention is manifest. A tongue 36 is secured to the said strap 10 and has a loop 38 stitched at the terminal thereof. Extending through this loop is a ring

40 having a strip 42 adjustably secured thereto. This adjustment is effected by the hitch or looped tying means 44 at the end thereof. The opposite end of the strip 42 is similarly connected to a second ring 46 which is firmly retained on the band 24 through the medium of the loop 48.

A hook 50 is secured to the said tongue 36 by any suitable securing means and is detachably connectable with a ring 52 which is positioned on said strip 42. The said ring 52 may be associated with the said strip 42 through the medium of a strip or loop 54.

In operation it is quite apparent that the ring 52 is engageable with the hook 50, thereby retaining the arm of an individual in a position similar to that shown in Figure 5. When the firearm is to be carried, the invention is reduced to the construction shown in Figure 3 by disconnecting the hook 50 and ring 52.

A second embodiment of the present invention is identical to the first embodiment however, the strip 42 is obviated in favor of a second strip 56. The second strip is secured directly to the strap 10 by means of stitching or the like and the hook 58 is adjustably secured to the end of the second strip by means of a hitch construction 44. The hook 58 is detachably associated with the said ring 46 which is positioned on the wrist band 24.

Of course, the preferred materials of construction are leather, fabric, metal and the like. However, it is quite apparent that variations may be made such as choice of materials and rearrangements of elements. Therefore, limitation is sought only in accordance with the scope of the appended claims.

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

1. A sling for use in operating firearms comprising a strap positionable about an arm near the shoulder, means for selectively adjusting the effective length of said strap, a band positionable about the wrist, means for adjusting the effective length of said band, means for connecting said strap and said band, means for selectively adjusting the length of said connecting means, said connecting means adjusting means including a strip having adjustable end portions, a hook associated with said strap, and a keeper secured to said strip positionable in said hook.

2. A sling for use in operating firearms comprising a strap positionable about an arm near the shoulder, means for selectively adjusting the effective length of said strap, a band positionable about the wrist, means for adjusting the effective length of said band, means for connecting said strap and said band, means for selectively adjusting the length of said connecting means, said connecting means adjusting means including a strip having adjustable end portions, a hook associated with said strap, a keeper secured to said strip positionable in said hook, and means

associated with said strap for attachment to an article of clothing.

3. In a sling, a strap adapted to be positioned about an arm near the shoulder, means for selectively adjusting the length of said strap, means for preventing rotation and slipping of the strap about the arm, a band adapted to be positioned about the wrist, and means for adjusting the length of said band, and adjustable detachable means for connecting said band and said strap.

4. In a sling, a strap adapted to be positioned about an arm near the shoulder, means for selectively adjusting the length of said strap, means for preventing rotation and slipping of the strap about the arm, a band adapted to be positioned about the wrist, means for adjusting the length of said band, and adjustable detachable means for connecting said band and said strap, said slippage prevention means including a loop secured to said strap for receiving and retaining a fastening member.

5. In a sling, a strap adapted to be positioned about the arm near the shoulder, means for selectively adjusting the length of said strap, means for preventing rotation and slipping of the strap about the arm, a band adapted to be positioned about the wrist, means for adjusting the length of said band, adjustable detachable means for connecting said band and said strap, said slippage prevention means including a loop secured to said strap for receiving and retaining a fastening member, said connecting means including a strip having a fastening means associated therewith.

6. In a sling, a strap adapted to be positioned about an arm near the shoulder, means for selectively adjusting the length of said strap, means for preventing rotation and slipping of said strap about the arm, a band adapted to be positioned about the wrist, means for adjusting the length of said band, adjustable detachable means for connecting said band and said strap, said slippage prevention means including a loop secured to said strap for receiving and retaining a fastening member, said connecting means including a strip having a fastening means associated therewith, said strip being extensibly adjustable.

HOWARD B. HOLROYD.

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