July 21, 1942. M. A. DOERING 2,290,545

FOLDING RIFLE REST

Filed June 19, 1941

Fig. 1.

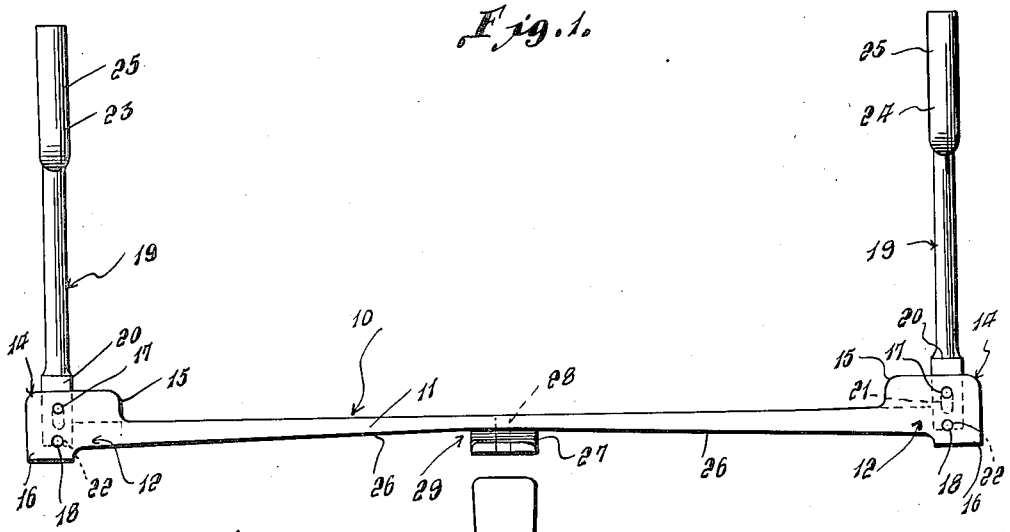


Fig. 2.

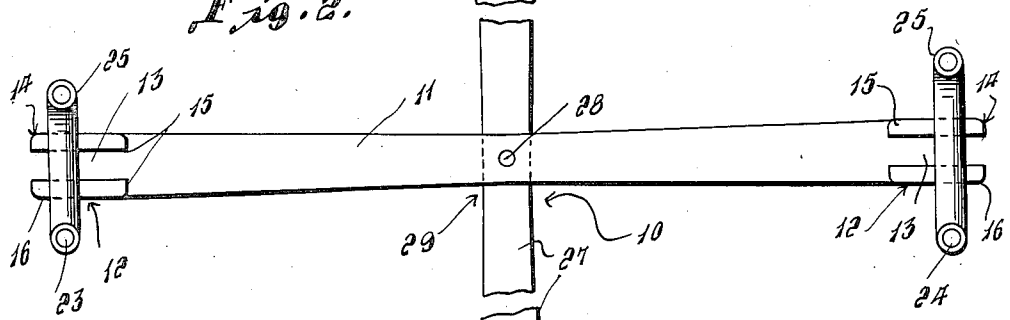


Fig. 3.

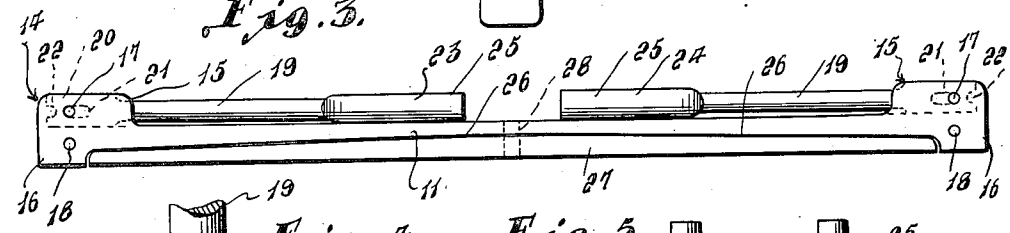


Fig. 4.

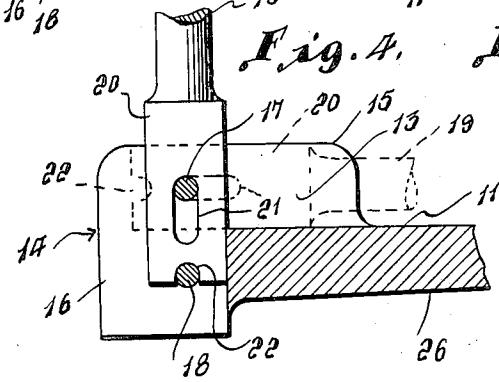
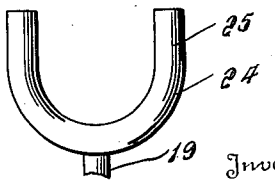


Fig. 5.



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FOLDING RIFLE REST

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Application June 19, 1941, Serial No. 398,849

2 Claims. (Cl. 211—64)

This invention relates to a novel construction of rifle rest adapted for use at rifle matches and elsewhere to provide a support for a rifle while not in use, and which may be used either indoors or outdoors, and which will not tip over.

Still another aim of the invention is to provide a rifle rest which may be used for holding a rifle or other type weapon, fired from the shoulder, while cleaning or for display.

More particularly, it is an aim of the invention to provide a rifle rest which, when not in use, can be folded into a compact form, and which can be readily extended and will not tip over while in an extended position.

Other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawing, which illustrates a preferred embodiment of the invention, and wherein:

Figure 1 is a side elevational view showing the rifle rest extended,

Figure 2 is a top plan view of the same,

Figure 3 is a side elevational view showing the rifle rest folded,

Figure 4 is an enlarged fragmentary longitudinal vertical sectional view, partly in elevation, of one end of the rifle rest, and

Figure 5 is a side elevational view of the upper, cradle end of one of the standards.

Referring more particularly to the drawing, wherein like reference characters designate like or corresponding parts throughout the different views, 10 designates generally the folding rifle rest in its entirety, and which includes an elongated bar 11 having enlarged slotted ends, designated generally 12. The enlarged slotted ends 12 are each provided with a slot 13, which form the furcations, each designated generally 14. The furcations 14 each include an elongated upper portion 15 which is disposed above the upper surface of the bar 11, and a portion 16 which projects from an end of the bar 11. The portions 16 also depend below the underside of the bar 11. The pair of furcations 14 of each end 12 are arranged in spaced substantially parallel relationship to one another, as illustrated in Figure 2. A pin 17 extends through the furcation portions 15 of each end 12 and a similar pin 18 extends through the furcation portions 16 of each of the ends 12.

A standard or post 19 is connected to each end 12 of the bar 11. The standards 19 each include an enlarged end 20 which is substantially rectangular in cross section and which is provided with an elongated longitudinally disposed opening 21. The ends 20 are disposed in the slots 13 of the ends 12 and the openings 21 thereof loosely engage the pins 17, as best illustrated in Figure 4. The extremities of the ends 20 are each provided with a groove or notch 22, which grooves or notches are adapted to engage the pins 18, when the standards are in upright positions. The depth of the grooves 22 is substantially equal to the diameter of the pins 18, as best seen in Figure 4. One of the standards 19 is provided with a U-shaped portion or cradle 23 at its opposite end, and the other standard 19 is provided at its opposite, free end with a similarly shaped cradle 24, which is larger in size than the cradle 23, for a purpose which will hereinafter become apparent. The cradles 23 and 24 are encased in rubber tubing 25.

The bar 11 is provided with a recess 26 in its underside which increases in thickness toward the center of the bar, and in which is disposed a cross arm 27. The cross arm 27 is pivotally connected intermediate of its ends to the intermediate portion of the bar 11 by a pin or stud 28 so that the cross arm 27 can be swung to a position at right angles to the bar 11 to combine therewith to form a cross shaped base, designated generally 29.

When the rifle rest 10 is in its folded position, as seen in Figure 3, the standards 19 rest on the bar 11 and the cross arm 27 is disposed beneath the bar 11 and in its recess 26. When the standards 19 are thus disposed, as seen in Figure 3, their ends 20 are disposed between the furcation portions 15. The rifle rest 10 can be readily stored or transported while in its folded position. To extend the rifle rest 10, the standards 19 are swung upwardly and outwardly of one another on the pivots 17 and are raised upwardly through the connection of the pins 17 and the elongated openings 21 so that the grooves 22 can be positioned above the pins 18 after which the standards 19 are allowed to slide downwardly to cause the grooves 22 to engage the pins 18 by which connections the standards 19 will be maintained in upright positions. The cross arm 27 is then swung from a position beneath the bar 11 to a position crosswise thereof, as seen in Figure 2, in which latter position it will effectively function to prevent the rifle rest 10 from being inadvertently overturned. A rifle, not shown, is adapted to be supported by the cradles 23 and 24. The smaller cradle 23 is adapted to engage the stock of the rifle, on either end of the trigger guard, and the larger cradle 24 is adapted to engage the fore end of the stock, and said cradles

are encased in rubber tubing 25 to prevent marring the rifle. Obviously, the size and shape of the cradles 23 and 24 may be varied to adapt the rifle rest 10 for use with various types of rifles and other firearms which are fired from the shoulder. To return the rifle rest 10 to a folded position the standards 19 are raised upwardly and then swung inwardly and downwardly after which the cross arm 27 is swung, through an arc of 90 degrees to position it in the recess 26, to complete the closing or folding of the rifle rest 10.

Various modifications and changes are contemplated and may obviously be resorted to as only a preferred embodiment of the invention has been disclosed.

I claim as my invention:

1. A rifle rest comprising an elongated base member provided with bifurcated ends extending above and below the upper and lower surfaces, respectively, of the base member, standards having ends disposed in said bifurcated ends, said standards being provided with elongated slots, pins extending through the upper portions of said bifurcated ends and loosely engaging the slots in said standards for pivotally connecting said standards to the ends of the base, said standards having upwardly extending forked shaped free ends, disposed crosswise of the base, for supporting a rifle, the opposite ends of said standards being provided with outwardly opening notches, and projections in the bifurcated ends of said base for engaging said notches, when the standards are in upright positions, for holding the standards in upright positions, said standards being foldable onto the base and with their upper portions disposed at substantially the same level as the upper portions of the bifurcated ends.

2. A rifle rest as in claim 1, said base member being recessed in its underside, a cross arm disposed in said recess and pivotally connected intermediate of its ends to the base member, the underside of the cross arm being substantially flat and disposed in substantially the same plane as the bottom edges of the bifurcated ends, said cross arm being movable to a position crosswise of the base member for maintaining the rifle rest in an upright position.

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