April 26, 1938. J. H. CARL 2,115,618

RIFLE TELESCOPE MOUNT

Filed Sept. 7, 1937

Fig. 1.

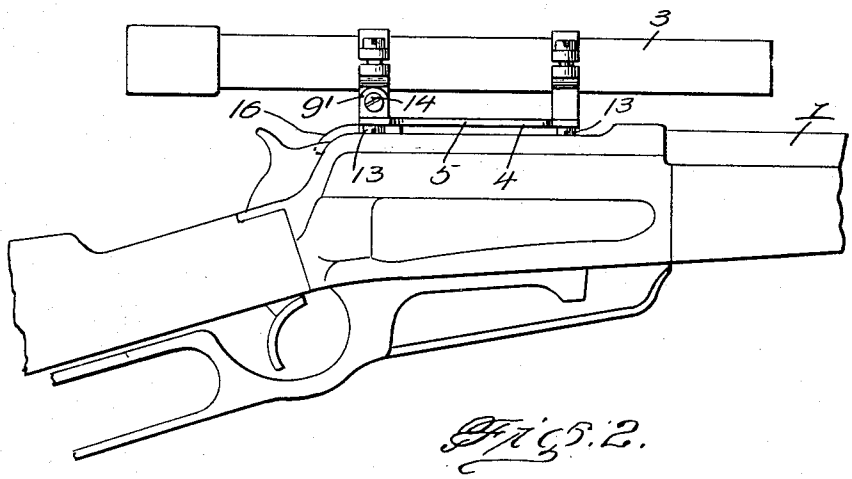

Fig. 2.

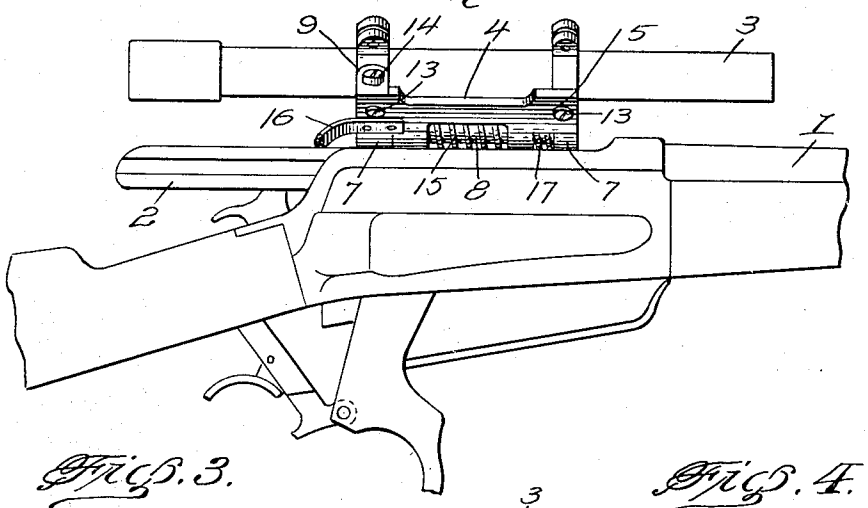

Fig. 3.

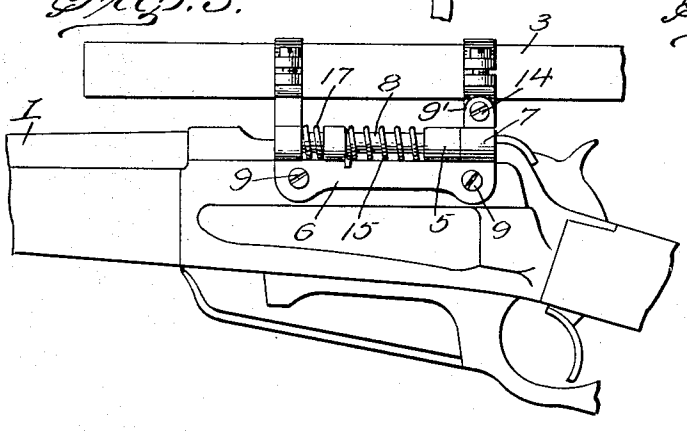

Fig. 4.

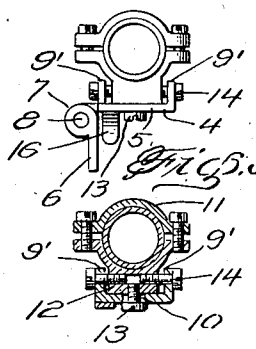

Fig. 5.

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2,115,618

RIFLE TELESCOPE MOUNT

John H. Carl, Gilroy, Calif.

Application September 7, 1937, Serial No. 162,737

2 Claims. (Cl. 33—50)

This invention relates to telescope sight mountings for top ejection guns and has for the primary object the provision of an efficient and inexpensive device of this character which will hingedly support a telescope sight in alignment with the bore of the barrel of a gun and above the barrel and the top ejection action of a gun and includes means which engages the bolt of said action to bring about lateral swinging of the telescope sight by said bolt moving into ejection position so that the shell will not be interfered with by the mounting or the telescope sight and which will return to operative position automatically on the bolt returning to non-ejection position.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a fragmentary side elevation illustrating a top ejection type gun equipped with a telescope sight mounting constructed in accordance with my invention.

Figure 2 is a view similar to Figure 1, showing the mounting swung laterally of the gun barrel by the movement of the bolt of the gun into ejection position.

Figure 3 is a fragmentary side elevation showing the opposite side of the gun from that shown in Figures 1 and 2.

Figure 4 is an end view illustrating the mounting.

Figure 5 is a transverse sectional view illustrating the mounting.

Referring in detail to the drawing, the numeral 1 indicates a fragmentary portion of a gun of the top ejection type in which the bolt is illustrated by the character 2. To permit mounting of a telescope sight 3 on the gun 1 my invention is employed and consists of a mounting 4 composed of sections 5 and 6 each including barrels 7 connected by a pintle 8 whereby the sections 6 and 5 may have hinging movement. The section 6 of the mounting is fixed on the side of the gun by screws or like fasteners 9 so that section 5 may swing over the ejection action or bolt 2 of the gun and has formed thereon upstanding ears 9' and is provided with slots 10.

The telescope sight 3 is mounted in sectional clamps 11 each including a base 12. The bases of the clamps are loosely received between the ears 9' and have threaded therein set bolts 13 after passing through the slots 10. The forward clamp 11 on the gun may pivot on section 5 of the mounting by its respective set bolt 13. The rear clamp 11 on the gun has the base thereof provided with screw threaded openings to receive therein set bolts 14 carried by a pair of said ears 9', whereby the rear clamp may be adjusted transversely of the section 5 of the mounting after the set bolt 13 thereof has been released from the section 5 for movement in its respective slot 10. This adjustment of the rear clamp along with the pivotal movement of the forward clamp permits the telescope sight to be adjusted for the windage. The set bolts 13 may be tightened after said windage adjustment to prevent the telescope sight from moving accidentally on the section 5 of the mounting.

A coil spring 15 surrounds the pintle 8 and one end bears against the section 6 while the other end bears against the section 5 and acts to urge the section 5 to overlie the ejection action of the gun. A curved tail piece 16 is secured to the section 5 and bears against the bolt 2 so that when said bolt 2 moves rearwardly during ejection action of a shell, the section 5 of the mounting may be raised and swung laterally against the action of the spring 15 positioning the telescope sight to one side of the gun and out of the path of the ejection of the shell from the gun. As the bolt 2 returns to non-ejection position the spring 15 returns the gun sight to an operative position properly aligned with the barrel of the gun. At any time desired a person may manually swing the telescope sight laterally of the gun so that the other ordinary gun sights may be employed without the telescope sight.

One of the barrels of the section 6 is spaced from one of the barrels of the section 5 and interposed between the spaced barrels is a cushion spring 17 acting to absorb shocks. Sometimes the inertia of the telescope sight under heavy recoil tends to work forwardly in the clamps of the mounting. The spring 17 acts to reduce this shock on the telescope sight.

What is claimed is:

1. A telescope sight mounting comprising two sections hingedly connected on an axis parallel to a gun bore, one of said sections being fixed to the gun, a spring acting to urge the second section to a position overlying the gun barrel, sectional clamps to secure a telescope to the free section and each clamp including a base, the first base being pivoted on a normally vertical axis to said free section and the second base being transversely adjustable on said free section, adjusting screws on said second section for extend-

ing into engagement with opposite sides of said second base for transversely adjusting the same, and a set screw extending through a slot in said second section and engaging said second base to maintain the latter in adjusted position.

2. A telescope sight mounting comprising two sections hingedly connected on an axis parallel to a gun bore, one of said sections being fixed to the gun, a spring acting to urge the second section to a position overlying the gun barrel, sectional clamps to secure a telescope to the free section and each clamp including a base, the first base being pivoted on a normally vertical axis to said free section and the second base being transversely adjustable on said free section, adjusting screws on said second section for extending into engagement with opposite sides of said second base for transversely adjusting the same, a set screw extending through a slot in said second section and engaging said second base to maintain the latter in adjusted position, and a tail piece on the second section to engage with the bolt action of the gun whereby movement of said bolt action into ejecting position brings about positioning of the telescope laterally of the gun barrel.

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