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J. C. ROBERTSON

2,528,080

DETACHABLE TELESCOPE MOUNT

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Fig. 1.

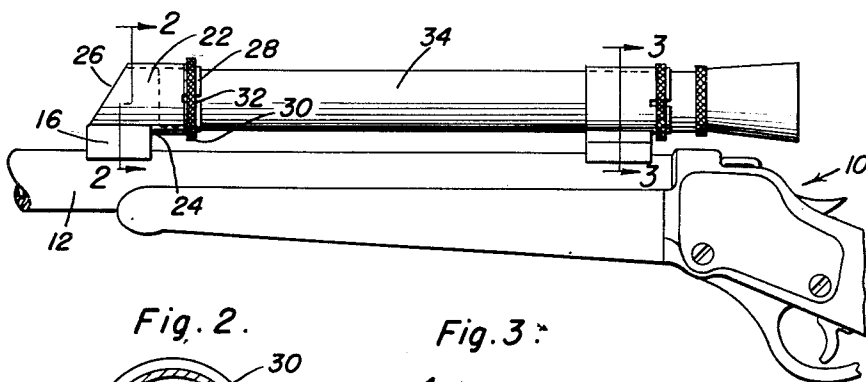


Fig. 2.

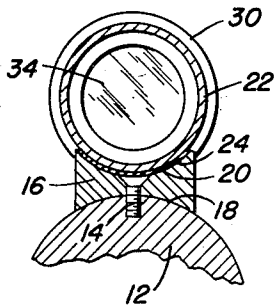


Fig. 3.

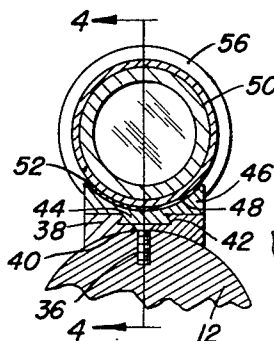


Fig. 4.

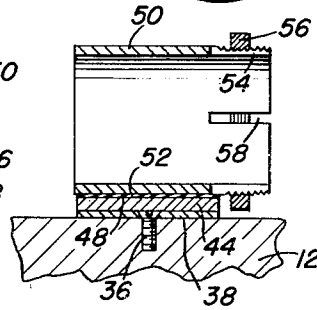
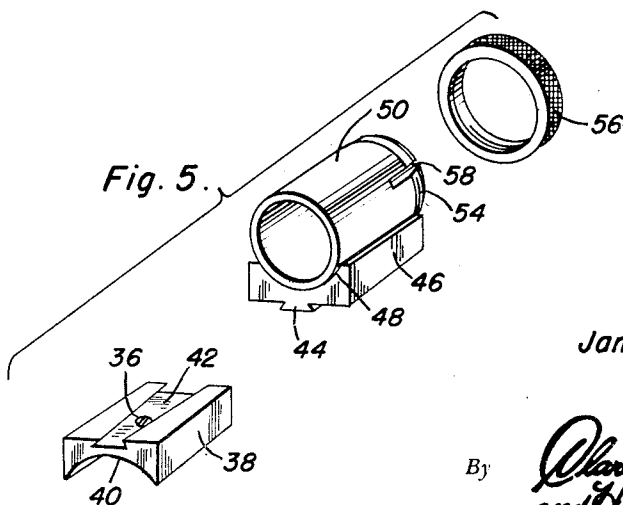


Fig. 5.



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DETACHABLE TELESCOPE MOUNT

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2 Claims. (Cl. 33—50)

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This invention relates to new and useful improvements in telescope mounts and the primary object of the present invention is to provide a detachable telescope mount so designed as to permit the same to be quickly and readily removed from a gun barrel or replaced thereupon without in any way interfering with the normal accuracy of the telescope.

In the drawings:

Fig. 1 is a side elevation view of the improved gunsight mount attached to the barrel of a conventional gun;

Fig. 2 is a transverse vertical sectional view taken substantially on the plane of section line 2—2 of Figure 1;

Figure 3 is a transverse vertical sectional view taken substantially on the plane of section line 3—3 of Figure 1;

Figure 4 is a longitudinal vertical sectional view taken substantially on the plane of section line 4—4 of Figure 3 of the telescope removed therefrom; and,

Figure 5 is a group perspective view of the rear elements used in conjunction with the present invention.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents a conventional gun having a usual barrel 12.

Removably secured to the upper periphery of the barrel 12 by the use of a fastener 14, is a forward support block 16 having an arcuate groove or channel 18 formed in its lower face that conforms to the upper periphery of the barrel 12. A longitudinal arcuated seat 20 is also provided in the upper face of the forward block 16 and conforms to the lower periphery of a forward sleeve or cylinder 22. For the purpose of fixedly securing the forward sleeve 22 in the seat 20, there is preferably provided silver solder 24. The forward extremities 26 of the sleeve 22 terminate in a plane which is inclined relative to the longitudinal axis of the barrel 12. The rear end 28 of the sleeve 22 is externally threaded and receivably engages an internally threaded ring 30. Opposed longitudinal slots 32 are provided in the threaded end 28 of the sleeve 22 to permit a yielding frictional adjustment of the sleeve 22 about the outer periphery of a telescope 34.

Removably secured by a fastener 36 to the rear portion of the barrel 12 is a rear support block 38 having an arcuate groove 40 in its lower face conforming to the upper periphery of the barrel 12. The upper face of the block 38 is provided

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with a forwardly tapered dove-tail groove 42 that frictionally engages a forwardly tapering dove-tail projection 44 integrally formed with the lower face of a mounting block 46.

A longitudinal, arcuate seat 48 is provided in the upper face of the mounting block 46 to conform to the lower periphery of a rear sleeve 50 which is fixedly secured in said seat 48 by silver solder 52. The rear end 54 of this sleeve 50 is externally threaded to receivably engage an internally threaded adjusting ring 56, and opposed longitudinal slots 58 are provided in the rear end 54 of the sleeve 50 to provide a desired resiliency to the same for clampingly engaging the outer periphery of the telescope 34.

It should be noted, that the tapered dove-tailed rear block permits the telescope to be applied precisely, and that the binding effect of the dove-tail plus the longitudinal taper acts as a guide, giving a rigid effect as well as accuracy when replacing the telescope. Also the forward block, with the holding sleeve machined properly, will act as a collet-chuck, accurately centering the telescope each time the same is inserted therein. This forward sleeve will also act as a sun shade and lens protector due to the forward inclination of its forward extremities.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

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

1. A telescope mount for firearms comprising a forward support member secured to a gun barrel and having a concaved recess in its under surface for receiving the upper periphery of a gun barrel, a telescope receiving sleeve fixed to said forward support member, a rear support member detachably secured to a gun barrel and having a concaved recess in its upper surface receiving the upper periphery of a gun barrel, a dove-tail groove provided in the upper surface of said rear support member, said groove tapering inwardly and forwardly, a block having a concaved recess in its upper portion and a substan-

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tially flat lower surface, a forwardly tapering dove-tail integrally formed with the lower surface of said block and slidably received in said groove for limited movement relative to said rear support member, a cylindrical member fixed in the concaved recess in the upper portion of said rear support member, said cylindrical member including a rear externally threaded end portion projecting rearwardly from said rear support member, circumferentially spaced longitudinal slots provided in the rear end portion of said cylindrical member, and an internally threaded ring receivably engaging the rear end portion of said cylindrical member for tightening said cylindrical member about the outer periphery of a telescope.

2. The combination of claim 1 wherein said sleeve includes an inclined forward end portion, said sleeve having a rear externally threaded end portion extending rearwardly of said forward support member, a plurality of circumferentially spaced, longitudinal slots provided in the rear end portion of said sleeve, and a locking collar

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receivably engaging the rear end portion of said sleeve.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
830,729	Mann	Sept. 11, 1906
983,047	Grant	Jan. 31, 1911
2,126,195	Langsner	Aug. 9, 1938
2,193,302	Stith	Mar. 12, 1940
2,200,869	Albree	May 14, 1940
2,202,000	Gray	May 28, 1940
2,350,169	Kesselring	May 30, 1944
2,401,367	Nagel	June 4, 1946

FOREIGN PATENTS

Number	Country	Date
22,921	Norway	1913