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April 7, 1936. G. M. McCANN 2,036,290

TELESCOPE MOUNT FOR GUNS

Filed April 29, 1935

Fig. 1.

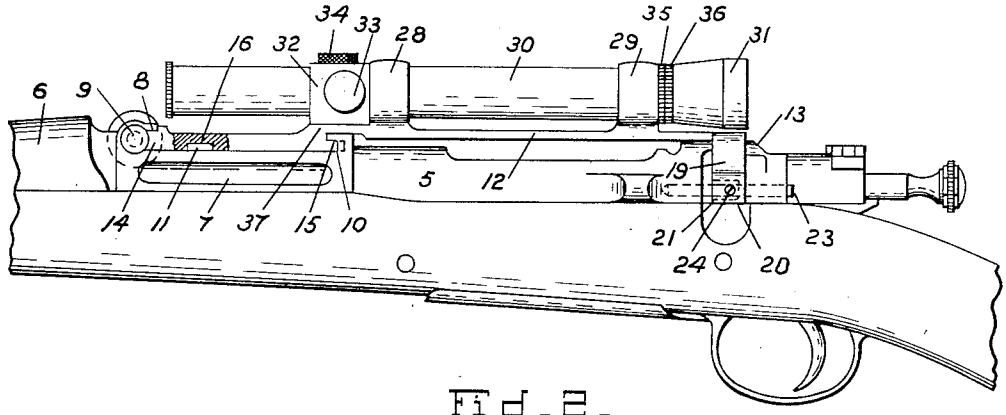


Fig. 2.

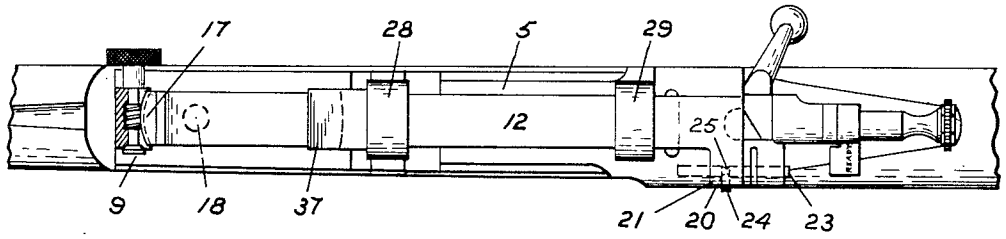


Fig. 3.

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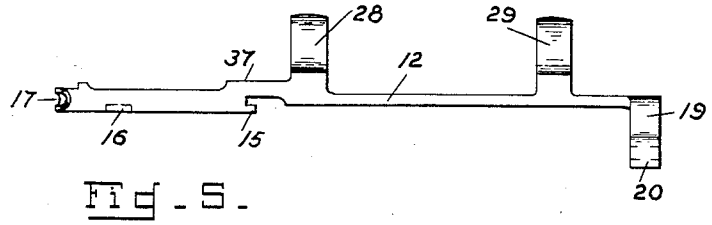


Fig. 5.

Fig. 4.

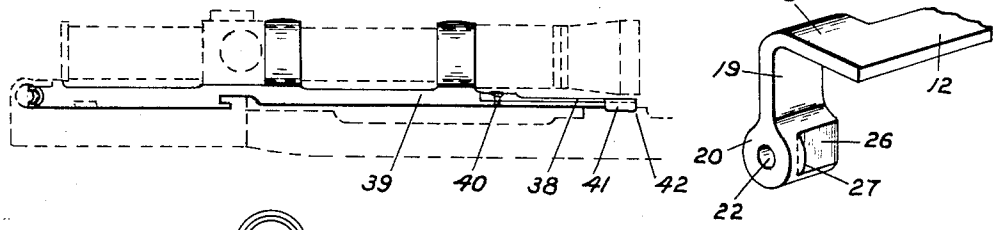
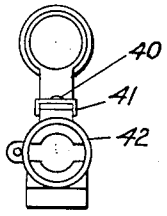


Fig. 6.



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33. GEOMETRICAL INSTRUMENTS.
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UNITED STATES PATENT OFFICE

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TELESCOPE MOUNT FOR GUNS

George M. McCann, New Castle, Del.

Application April 29, 1935, Serial No. 18,807

4 Claims. (Cl. 33—50)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

The invention described herein may be manufactured and used by or for the Government for governmental purposes, without the payment to me of any royalty thereon.

This invention relates to a telescope mount for guns.

The purpose of this invention is to provide a telescope mount which may be applied to an existing supporting element of a rifle such as the fixed sight base, and which is firmly held in place by a member that is substituted for an existing element of the rifle such as the cut-off.

A further object is to provide a simple and efficient arrangement for holding the telescope against displacement relative to its carrier.

To these and other ends, the invention consists in the construction, arrangement and combination of elements described hereinafter and pointed out in the claims forming a part of this specification.

A practical embodiment of the invention is illustrated in the accompanying drawing, wherein:

Fig. 1 is a view in side elevation of a rifle showing the improved telescope carrier in place thereon.

Fig. 2 is a plan view, parts in section and with the telescope removed.

Fig. 3 is a detail view in side elevation of the telescope carrier.

Fig. 4 is a perspective view of the rear end of the carrier.

Fig. 5 is a view in side elevation of a modified form of carrier.

Fig. 6 is a view in rear elevation of Fig. 5.

Referring to Fig. 1, there is shown a Springfield rifle comprising a receiver 5, a barrel 6 connected therewith, and a fixed sight base 7 carried by the barrel. The fixed sight base has an undercut 8 on its front end in which is positioned a windage screw assembly 9, an undercut 10 on its rear end and a pivot lug 11.

A telescope carrier comprises an elongated plate 12 having its rear end resting on the rear bridge 13 of the receiver and its front portion resting on the fixed sight base 7 with a front lip 14 and a rear lip 15 respectively disposed in the undercuts 8 and 10 and with a recess 16 for the pivot lug 11. The front lip may or may not be formed with a worm gear 17 for engagement with the windage screw.

However, instead of relying on the connection with the windage screw for holding the carrier in fixed position, a connection is provided for the rear end of the carrier. This rear connection consists of a laterally disposed arm 18 fixed to the rear end of the plate 12 and having a downwardly bent portion 19 terminating in a lug 20 which is adapted to fit in a slot 21 in the side of the receiver in lieu of the conventional cut-off which is removed. The lug 20 has a longitudinally extending aperture 22 receiving the cut-off spindle 23 which is a standard part of the rifle. A pin 24 in the lug 20 rides in a groove 25 in the spindle and holds the spindle in place. The lug 20 also has the usual groove 26 to establish a shoulder 27 which serves to limit rearward movement of the breech bolt.

The plate 12 is formed with a pair of spaced rings 28 and 29 for supporting a telescope 30 which is inserted from the front by first removing the eye-piece 31. The telescope is provided near its front end with a squared collar 32 carrying the windage mechanism 33 and the elevating mechanism 34. The telescope is held against longitudinal displacement relative to the plate 12 when a nut 35 on the rear end of the telescope is turned up against the rear face of the rear ring 29 with the collar 32 engaging the front face of the front ring 28. A locking nut 36 is placed in rear of the nut 35. The collar also rests on a flat seat 37 of the frame and the telescope is thereby held against rotational displacement.

In the modification shown in Figs. 5 and 6 a flat spring 38 secured to the carrier 39 by a rivet 40 has a clip 41 on its free end for clasping the sides of the receiver 42 and thereby holding the carrier against lateral movement.

I claim:—

1. The combination with a rifle having a fixed sight base and a receiver formed with a slot in one side thereof, of a telescope carrier comprising a plate having a front part fitting in the fixed sight base and having a rear part resting on the receiver, an arm on the rear part of the plate and having a lug fitting in the slot of the receiver, means for securing the lug to the receiver, a pair of rings on the carrier, a telescope mounted in the rings, said telescope bearing on the carrier whereby it is held against rotational displacement, and means on the telescope bearing against the rings for holding the telescope against axial displacement.

2. The combination with a rifle having a fixed sight base and a receiver formed with a slot in one side thereof, of a telescope carrier comprising a plate having a front part fitting in the fixed sight base and having a rear part resting

on the receiver, an arm on the rear part of the plate and having a lug fitting in the slot of the receiver, means for securing the lug to the receiver, and means on the carrier for mounting a telescope.

3. The combination with a rifle having a fixed sight base and a receiver, of a telescope carrier comprising a plate having a front part fitting in the fixed sight base and having a rear part fixed to the receiver, rings on the carrier, a telescope mounted in the rings, said telescope having a flat portion bearing on a corresponding flat portion on the carrier whereby it is held against rotational displacement, and means on the telescope bearing against opposite sides of the rings for holding the telescope against axial displacement.

4. A telescope carrier comprising a plate having a front part adapted to fit in the fixed base on a gun and having a rear part adapted to engage the gun, a pair of spaced rings on the plate for receiving a telescope, and a flat seat on the plate in front of the foremost ring and adapted to engage a corresponding flat on the telescope to hold it against rotational displacement.

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