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GUN RACK FOR SHOULDER WEAPON HAVING TELESCOPE SIGHT

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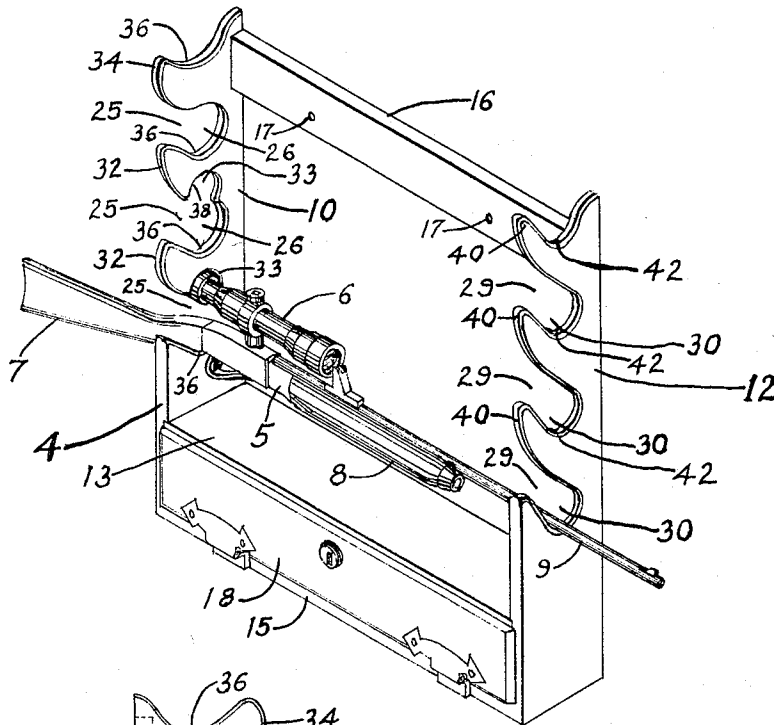


Fig. 1

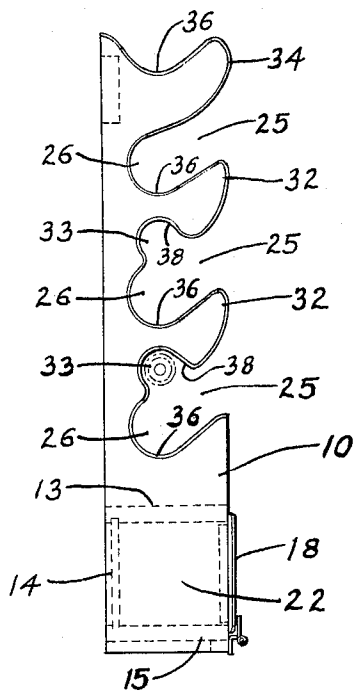


Fig. 2

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3,288,304 GUN RACK FOR SHOULDER WEAPON HAVING TELESCOPE SIGHT

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5 Claims. (Cl. 211—64)

The invention relates generally to gun-racks, and more particularly to gun-racks for shoulder weapons having telescopic sights.

Gun-racks have been designed and made to hold shoulder weapons in approximately horizontal firing positions with sights extending upward. In racking, a weapon is slipped into downward-slanting and horizontally spaced slots while being held in a position canted about its longitudinal axis. It is then counter-canted into a supported un-canted position in the rack. Heretofore guns with attached telescope sights have not been counter-cantable in the slanting slots to the un-canted supported position in the rack because of interference of the sides of the slots. Enlarging the slots to remove the interference left the gun, overbalanced by the telescope sight, precariously unsupported against rotation about its longitudinal axis and subject to falling against the slot sides into a canted position upon the slightest disturbance.

It is an object of the invention to provide a gun rack for the longitudinal support of shoulder weapons having attached telescope sights.

It is another object of the invention to provide means cooperative with a telescope sight attached to a shoulder weapon for the dual purpose of holding the weapon against canting about its longitudinal axis and to hold it in the rack against unpremeditated removal.

Other objects and a fuller understanding of the invention may be had by referring to the following description and claims, taken in conjunction with the drawings, in which:

FIGURE 1 is a perspective view of the invention with a shoulder weapon having an attached telescope sight in supported position, and

FIGURE 2 is a partial enlargement of FIGURE 1 in side elevation showing parts cooperative with the telescope sights.

Referring to FIGURE 1 of the drawings, the invention comprises a gun rack 4 for a shoulder weapon, rifle or gun 5, having an attached telescope sight 6, a butt-stock 7, a hand or barrel stock 8, and a barrel 9. The invention comprises two gun supporting members 10 and 12, having respective associated ends. Three transverse spacing members 13, 14 and 15 securely space apart one set of associated ends of the gun support members 10 and 12 in position normal therewith and in parallel association with each other. The other set of associated ends of the gun support members 10 and 12 are equally spaced apart and secured in parallel by a transverse spacing member 16, which also defines holes 17 for attaching the rack 4 to a wall. The spacing of the gun support members is limited minimally by the length of the telescope sight 6 and maximally by the length of the gun 5. Thus the distance between the gun support members 10 and 12 must be greater than the length of the telescope sight 6 and less than the length of the gun 5. The three spacing members 13, 14 and 15 with a fourth spacing member 18, hinged as shown to spacing member 15, may define a storage compartment 22 for gun-cleaning gear and ammunition.

The two gun support members 10 and 12, which may be of substantially equal dimensions as illustrated in FIGURE 1, respectively define entrance slots 25 respectively leading into the butt-stock receiving spaces 26, and right member entrance slots 29 leading into barrel receiving

spaces 30. The butt-stock receiving spaces 26 of gun support member 10 are defined by parallel and in line projecting members 32 and 34 which provide butt-stock support on their respective inner surfaces 36, and, in the case of projecting members 32, respectively define telescope sight receiving spaces 33 and provide on their inner opposite surfaces, telescope sight retaining surfaces 38 for the telescope sight of a gun supported on surface 36 of the projecting member 32 next below. The projecting members 34 do not define telescope receiving spaces 33 and are used for racking guns without attached telescope sights.

Projecting members 40 of the gun support member 12 define the barrel receiving spaces 30 which are arranged in cooperative alignment with respectively associated butt-stock receiving spaces 26. Barrels support are respectively provided by the inner surfaces 42 of the projecting members 40.

A shoulder weapon with an attached telescope sight may be racked in a butt-stock receiving space 26 and an associated barrel receiving space 30 by holding the weapon 5 in a position canted about its longitudinal axis to conform to the slant of the associated entrance slots 25 and 29 and approximately parallel to a line connecting said associated butt-stock and barrel receiving spaces 26 and 30. The weapon is then laterally advanced to the entrance slots 25 and 29 with the telescope sight, and hand stock intermediate the left and right upright members 10 and 12 and, via said entrance slots, advanced into the respective receiving spaces 26 and 30 where it is counter-canted into an approximate firing position with reference to the plane of support, and deposited on an associated pair of left and right supporting surfaces 36 and 42. The weapon is then moved longitudinally in the butt-stock direction to bring the butt end of the telescope sight into the associated telescope sight receiving space 33 and into cooperation with the inner lower surface 38 of projecting member 32 opposite the surface 36 supporting the gun butt-stock 7 for retaining the gun 5 against canting and lateral withdrawal from the rack. The weapon is now supported in the rack 4 and cannot be withdrawn unless canted about its longitudinal axis which is prevented by the opposite associated surface 38 of the following projecting member 32 until the weapon is moved longitudinally in the barrel muzzle direction sufficient for the telescope sight to clear the surface 38.

Altho we have described the invention with a certain degree of particularity, it is understood that the present disclosure has been made by way of example and that numerous changes in the details of construction and the combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as hereinafter claimed.

What is claimed is:

1. An improved gun rack for shoulder weapons having attached telescope sights comprising: gun receiving means for receiving and supporting a transversely presented shoulder weapon having an attached telescope sight, said means being arranged to avoid interference with said telescope sight when said weapon is so presented; means for engaging said attached telescope sight longitudinally presented by longitudinal movement of said weapon supported in said receiving means thereby preventing further transverse movement of said weapon and any direct transverse removal of said weapon from said rack.

2. An improved gun rack for a shoulder weapon having an attached telescope sight comprising: dual means for the double function of receiving and supporting said shoulder weapon transversely presented and said attached telescope sight sequentially presented longitudinally for retention against transverse and revolving movement, and transverse means for spacing said dual means apart in

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cooperative association whereby said shoulder weapon with attached telescope sight is firmly held against unpremeditated direct transverse removal.

3. An improved gun rack for a shoulder weapon having an attached telescope sight comprising: two spaced 5
 weapon support members, one said member having two parallel in line projecting members with opposed inner surfaces defining therebetween an entrance and receiving space for said weapon transversely presented and a receiving space for said telescope sight longitudinally presented and the other said member having a single projecting member having an inner surface defining a receiving space for said weapon; spacing members transversely secured to and positioning said support members in opposite parallel association with respective projecting 15
 members extending parallel and in the same direction, and spaced apart a greater distance than the length of said attached telescope sight and less than the length of said shoulder weapon, whereby when said weapon is inserted transversely in said entrance and receiving spaces 20
 with its attached telescope sight clear of said support

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members and moved longitudinally to engage said attached telescope sight in said telescope sight receiving space said weapon and attached sight is supported in said rack against any direct transverse movement to remove it.

4. An improved gun rack as described in claim 3 wherein said weapon is transversely presented with said telescope sight intermediate said support members.

5. An improved gun rack as described in claim 3 wherein a plurality of said transverse members are interconnected at an extremity of said support members to comprise a storage compartment.

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