33-247. OR 1,361,063 SR

T. D. JOECK.

TELESCOPE SIGHT MOUNT.

APPLICATION FILED JAN. 17, 1920.

1,361,063.

Patented Dec. 7, 1920.

Fig. 1.

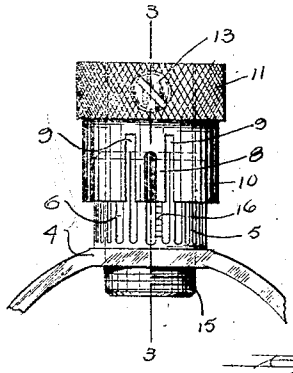


Fig. 3.

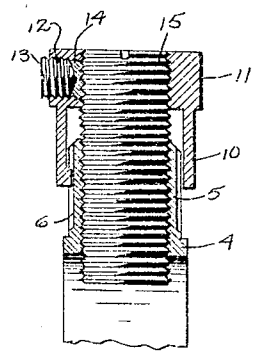


Fig. 8.



Fig. 2.

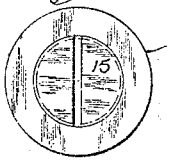


Fig. 4.

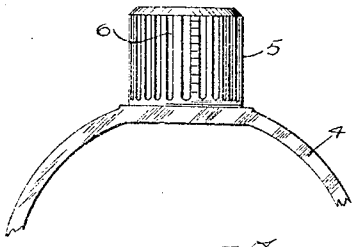


Fig. 7.

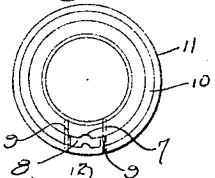


Fig. 5.

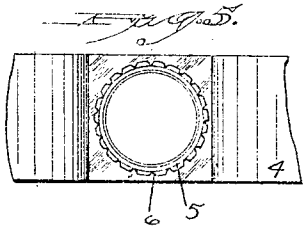
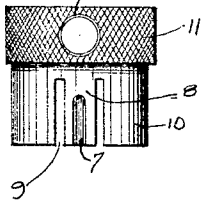


Fig. 6.



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UNITED STATES PATENT OFFICE.

THOMAS D. JOECK, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO WINCHESTER REPEATING ARMS CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

TELESCOPE-SIGHT MOUNT.

1,361,063. Specification of Letters Patent. Patented Dec. 7, 1920.

Application filed January 17, 1920. Serial No. 352,003.

To all whom it may concern:

Be it known that I, THOMAS D. JOECK, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Telescope-Sight Mounts; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application, and represent, in—

Figure 1. A broken view in rear elevation, of a telescope-sight mount constructed in accordance with my invention.

Fig. 2. A plan view thereof.

Fig. 3. A view thereof in vertical central section on the line 3—3 of Fig. 1.

Fig. 4. A broken detached view in elevation, of the mount-frame showing in particular the notched collar thereof.

Fig. 5. A plan view thereof.

Fig. 6. A detached view in elevation of the adjustment-sleeve.

Fig. 7. A reverse plan view thereof.

Fig. 8. An enlarged perspective view of the safety-cushion of the adjustment-sleeve.

My invention relates to an improved telescope-sight mount and more particularly to the micrometer adjustment-screws thereof, the object being to provide such screws with an adjustable, clicking indicator.

With these ends in view, my invention consists in certain details of construction and combination of parts as will be hereinafter described and pointed out in the claims.

In carrying out my invention, as herein shown, I employ an annular mount-frame 4 of the ordinary type, this frame being furnished with two vertically and horizontally disposed adjustment-screws and an opposed spring-plunger after the manner shown in United States Patent No. 843,183 granted Feb. 5, 1907 to Frederick L Smith. As my present invention is concerned only with the adjustment-screws, I have limited my illustration to that feature.

The said frame 4 is provided with a radially arranged, internally threaded collar 5, the periphery of which is formed with parallel, equi-distant, longitudinal notches or grooves 6 which receive a click or rib 7 corresponding in cross-section to the said notches and struck inwardly from a spring tongue 8 produced by forming two parallel longitudinal slots 9 in an adjustment-sleeve 10 adapted in internal diameter to fit loosely over the collar 5 aforesaid. At its outer end, the sleeve 10 is formed with a knurled band or fillet 11 having a radial screw-hole 12 receiving a headless set-screw 13 impinging upon a soft metal safety-cushion 14, which it crowds against the threads of the micrometer adjustment-screw 15 upon the outer end of which the said adjustment-sleeve is mounted, and which is itself mounted in the internally threaded collar 5 which is provided with a scale 16 which is read with the edge of the sleeve 10.

The sight having been mounted upon the gun, the gun is fired at a target and the sight adjusted until the sight is properly alined with the gun. The set-screw 13 is then unscrewed to loosen the adjustment-sleeve 10 upon the adjustment-screw 15, after which without disturbing the screw, the sleeve is turned under the guidance of the scale 16 until the desired reading is shown. The screw 13 is now turned to firmly bind the sleeve upon the screw, the soft metal safety-cushion 14 preventing the threads thereof from being damaged.

In adjusting the sight, the clicking produced by the riding of the rib 7 of the spring-finger 8 into and out of the notches 6, enables the sight to be adjusted in the dark as well as by feeling.

I claim:

1. A telescope-sight mount having a frame provided with an internally threaded collar encircled by a series of longitudinal peripheral grooves, a micrometer adjustment-screw mounted in the said collar, and an adjustment-sleeve mounted upon the said screw, fitting over the said collar and provided with a spring-finger having a rib entering the said grooves.

2. A telescope-sight mount having a frame provided with an internally threaded collar provided with a scale, a micrometer adjustment-screw mounted therein, and an adjustment-sleeve co-acting with the scale upon the collar and itself adjustably mounted upon the screw.

3. A telescope-sight mount having a frame provided with an internally threaded,

externally grooved collar, an adjustment-screw mounted therein, an adjustment-sleeve adjustably mounted upon the outer end of the said screw and formed with a spring-finger having clicking co-action with the grooves in the periphery of the collar, a set-screw mounted in the said sleeve, and a safety-cushion interposed between the set-screw and the threads of the adjusting-screw, whereby the latter are prevented from being damaged.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

THOMAS D. JOECK.

Witnesses:
ERIK S. PALMER,
A. E. HODGSON.