

No. 741,920.

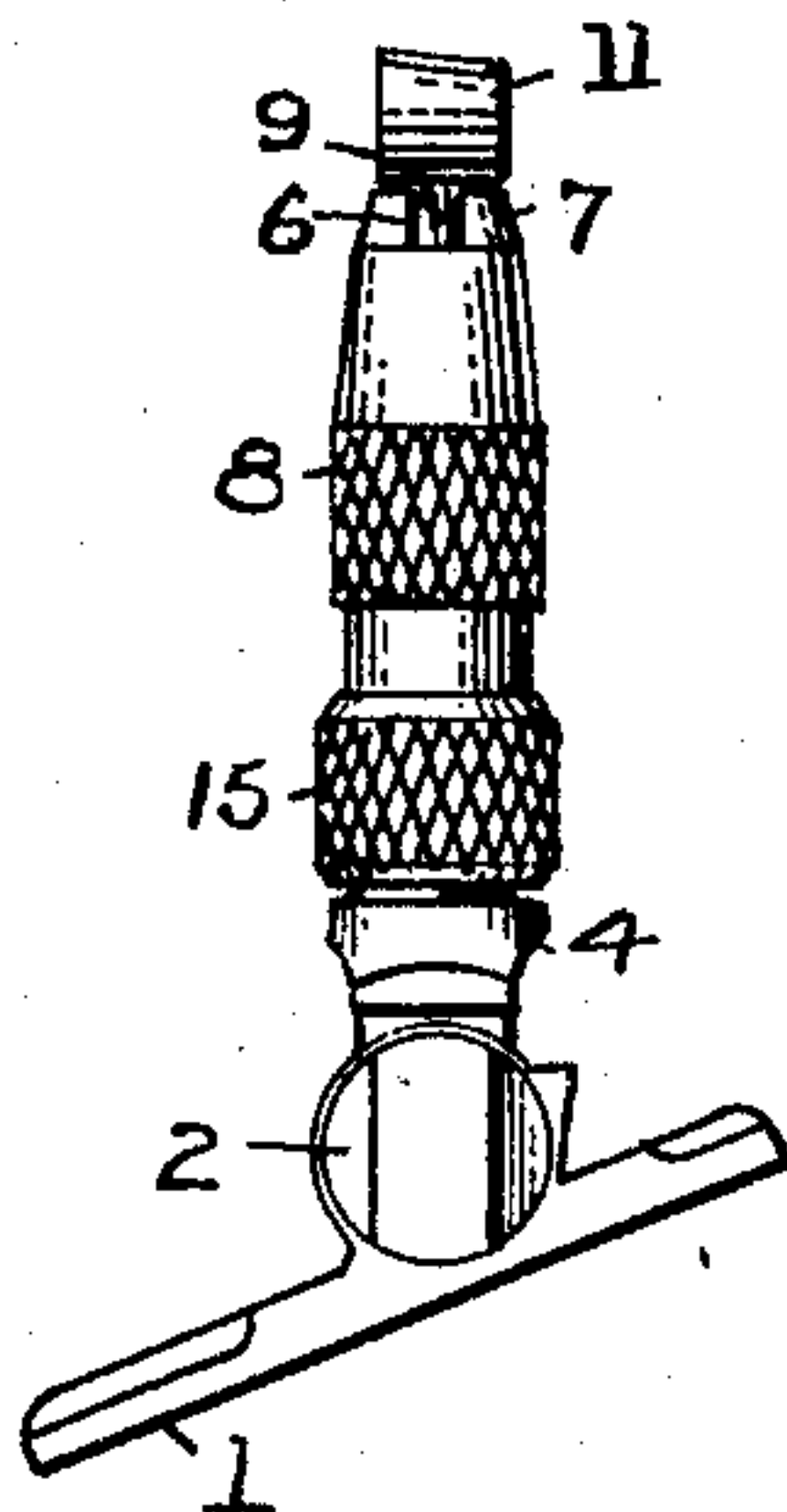
PATENTED OCT. 20, 1903.

W. L. MARBLE.

GUN SIGHT.

APPLIOATION FILED JUNE 24, 1903.

NO MODEL.



*Fig. 2.*

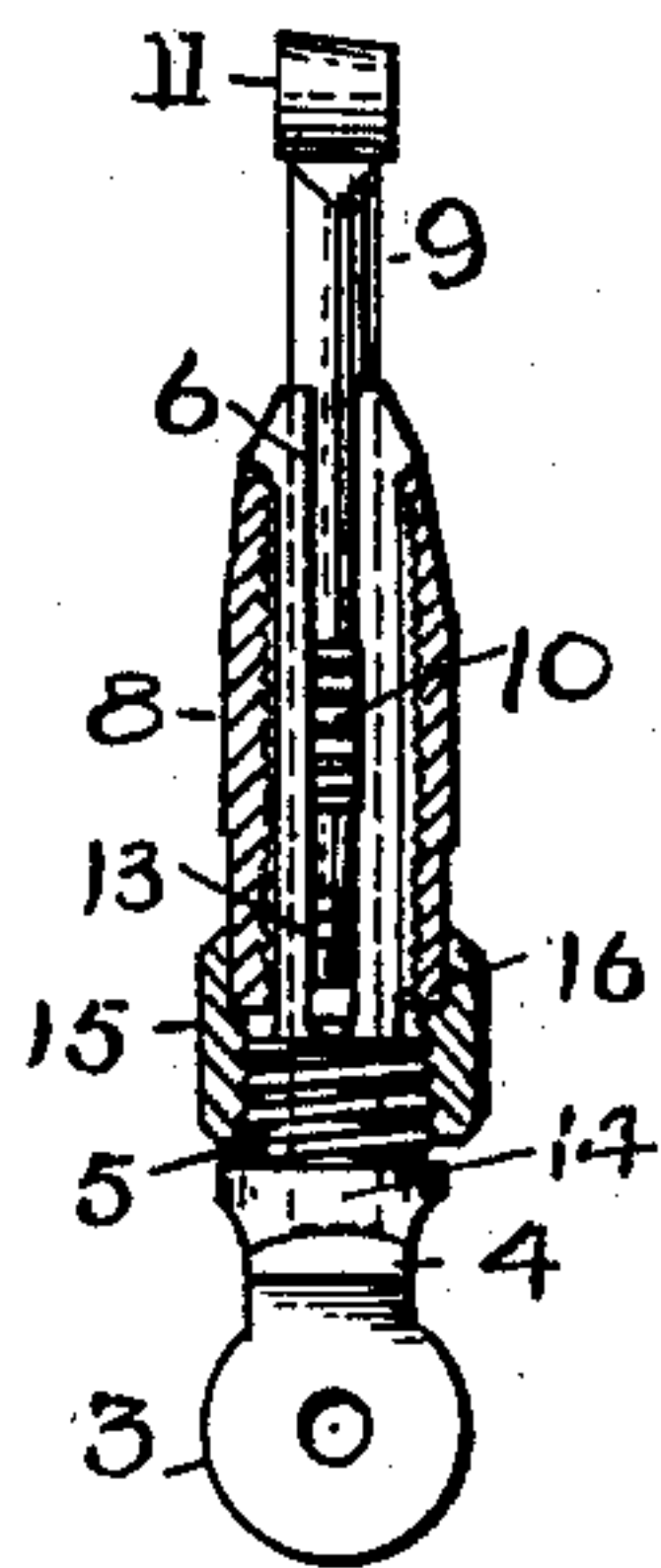


Fig. 3.

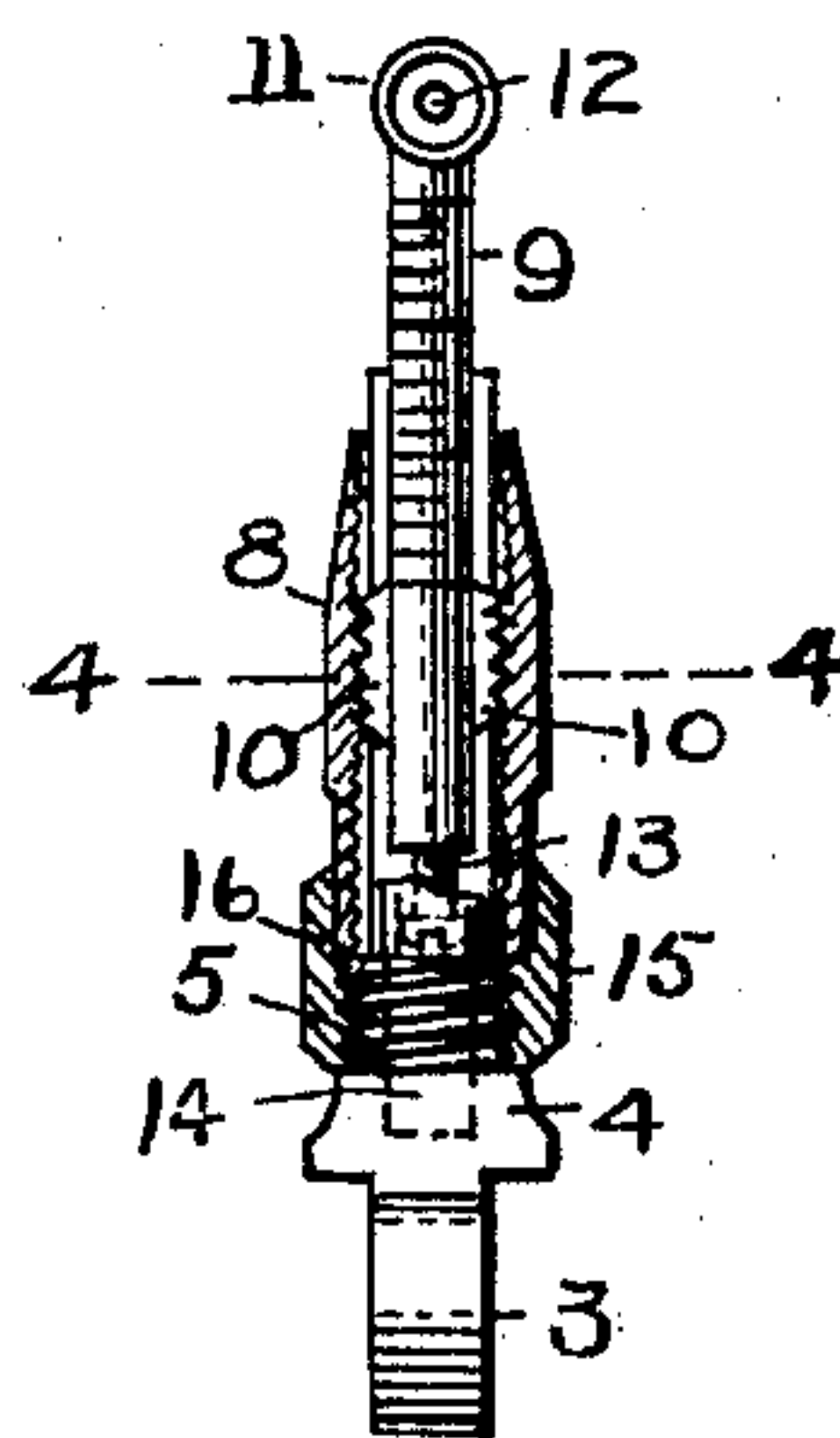
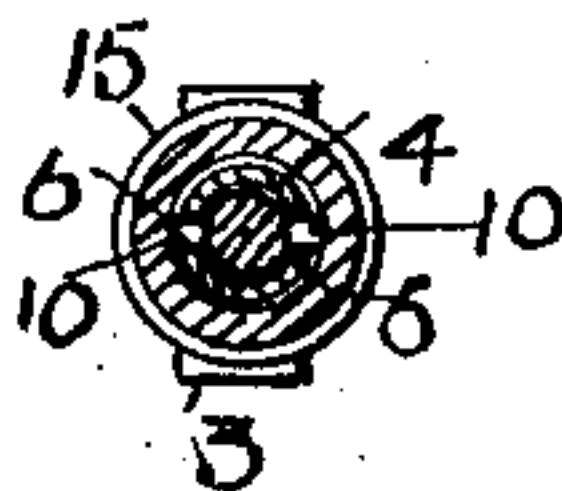


FIG. 4.



*WITNESSES:*

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# UNITED STATES PATENT OFFICE.

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## GUN-SIGHT.

SPECIFICATION forming part of Letters Patent No. 741,920, dated October 20, 1903.

Application filed June 24, 1903. Serial No. 162,924. (No model.)

*To all whom it may concern:*

Be it known that I, WEBSTER L. MARBLE, a citizen of the United States, residing at Gladstone, in the county of Delta and State of Michigan, have invented new and useful Improvements in Gun-Sights, of which the following is a specification.

This invention relates to an improvement in the rear sight for firearms of the general type shown in the patent to Lyman, No. 211,753; and it consists in the combination with the rotatable sleeve and longitudinally-movable sight-shank of a screw-threaded lock-nut for locking the sleeve and shank after the latter has been adjusted.

In the accompanying drawings, Figure 1 is a side elevation of a sight embodying my improvements. Fig. 2 is a longitudinal section of the same parallel with the axis of the gun. Fig. 3 is a longitudinal section on a line transverse to the gun. Fig. 4 is a cross-section on the line 4 4, Fig. 3.

The sight is attached to the gun-stock by means of the usual plate 1, which has ears 2 to receive the hinge-knuckle 3 on the tubular sight-post 4, which has a base 5 and a diametrical slot 6. At its upper end the post has a head 7. Between the base and this head is the adjusting-sleeve 8, screw-threaded internally to engage with one or more projections on the sight-shank 9, such as the screw-threaded ribs 10. The shank has a sliding fit in the tubular post with the ribs received in the slots 6. By turning the sleeve the shank can be raised and lowered in the post. At its upper end the shank carries the sight proper, which is preferably a disk 11 with a small hole 12 in its center. The shank is graduated to enable it to be accurately adjusted. In its bottom is a small set-screw 13, which can be adjusted to abut solidly against the bottom of the bore 14 of the post, and thus give a positive position of the sight for point-blank shooting.

It is found that in course of time the parts become slightly worn, so that the sight cannot be held rigidly when it has been raised for long-range shooting. The object of the present improvement is to overcome this trouble. A portion of the post, preferably the base 5, is screw-threaded to receive a lock-nut 15, which engages with one end of the

sleeve, being preferably counterbored to form a socket 16, into which the sleeve enters. After the sight has been adjusted by turning the sleeve the lock-nut is rotated, forcing the sleeve endwise against a suitable shoulder on the post, and thus locking it securely against accidental turning. If this shoulder is formed on the head 7, as shown in the drawings, it may be advantageously beveled and the end of the sleeve also beveled internally, so that when the sleeve is moved endwise it will compress the upper end of the post upon the shank, and thus clamp it firmly in place and augment the rigidity of the part, as shown in Fig. 2.

Having thus described my invention, what I claim is—

1. In a gun-sight, the combination with a slotted tubular post having a shoulder at one end, of a shank fitting therein, and provided with one or more projections extending through the slot in said tube, an internally-screw-threaded sleeve freely rotatable on said post and engaging with the projection on the shank, and a lock-nut working on the post and adapted to force the sleeve against the shoulder.

2. In a gun-sight, the combination with a slotted tubular post having a beveled shoulder at one end, of a sight-shank in said post provided with one or more projections extending through the slot in the tube, an internally-screw-threaded sleeve freely rotatable on said post and engaging with the projection on the shank and having a counter-bore fitting the beveled shoulder, and a lock-nut engaging with the other end of said sleeve to force it against said shoulder.

3. In a gun-sight, the combination with a sight-post having a screw-threaded base and a beveled head, of a sleeve rotatable on said post, a movable sight-shank operated by the sleeve, and a lock-nut engaging with said base and counterbored to receive the end of the sleeve.

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

WEBSTER L. MARBLE.

Witnesses:

ELMER BEACH,  
WM. LANSING MARBLE.