

B. HANLON.  
HARNESS TERRET.  
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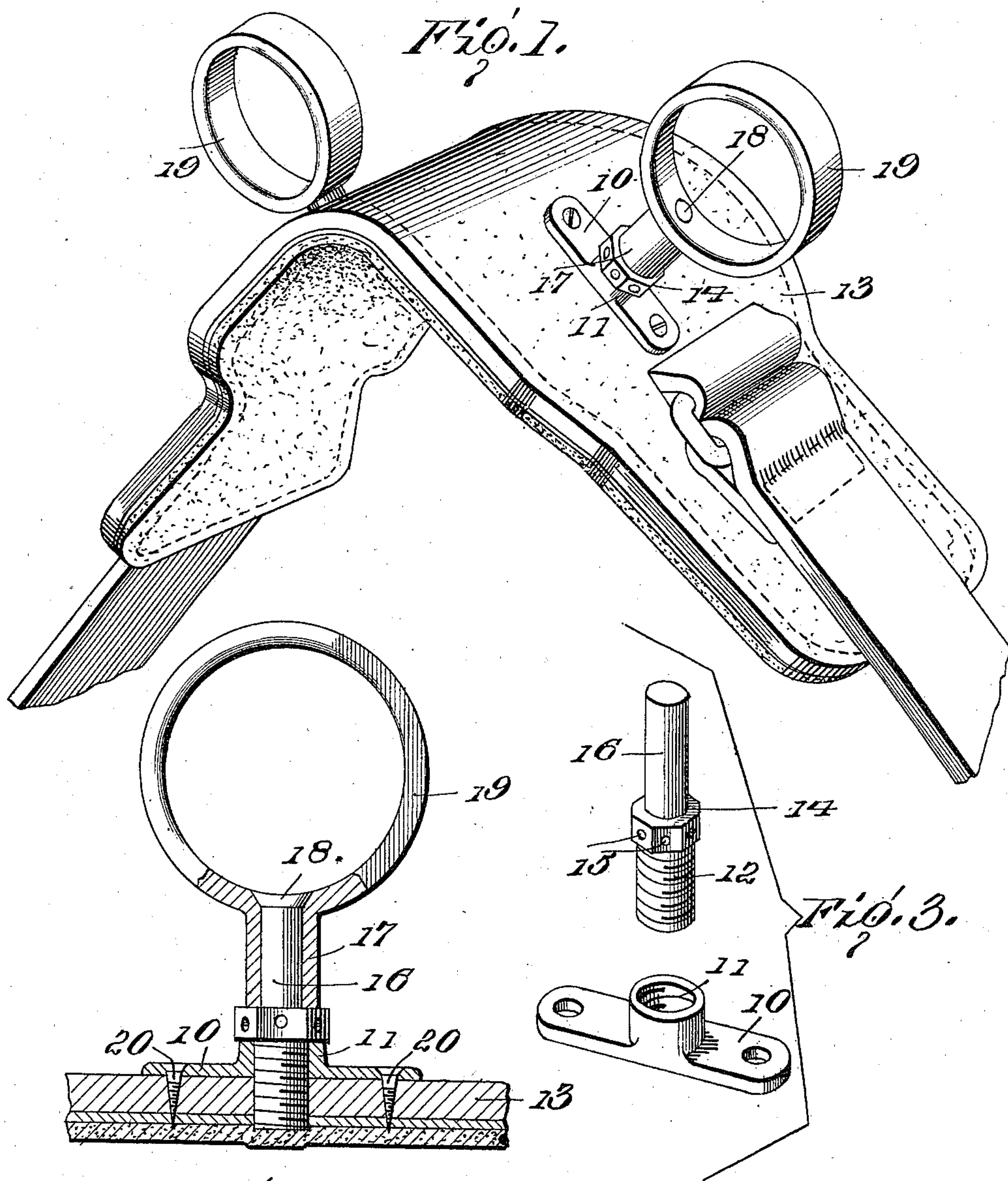


Fig. 2.

Fig. 3.

Witnesses  
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# UNITED STATES PATENT OFFICE.

BERNARD HANLON, OF BILLINGS, MONTANA.

HARNESS-TERRET.

984,909.

Specification of Letters Patent.

Patented Feb. 21, 1911.

Application filed March 12, 1910. Serial No. 548,979.

*To all whom it may concern:*

Be it known that I, BERNARD HANLON, citizen of the United States, residing at Billings, in the county of Yellowstone and State of Montana, have invented certain new and useful Improvements in Harness-Terrets, of which the following is a specification.

This invention relates to harness, having particular reference to an improved terret to be applied to the same.

This invention has for an object to provide a terret with a sleeve which is integrally or otherwise rigidly connected to the ring so as to provide an elongated stem or support for the ring and to thus form a substantial bearing surface therefor.

Another object of this invention is to provide the supporting shank with an angular head for the reception of various forms of tools for rotating the shank in positioning the same upon the harness saddle to which the terret is applied.

For a full understanding of the invention reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a harness saddle disclosing the improved terret as applied thereto; Fig. 2 is an elevation partly in section, of the terret and a portion of the harness saddle to which it is applied; and, Fig. 3 is a detail perspective view of the supporting plate and shank, the same being detached.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

Referring to the drawings the numeral 10 designates a plate which is preferably formed from a casting and is of elongated formation. The plate 10 is provided with a boss 11 at its central portion which is internally threaded to receive a correspondingly threaded shank 12. The opening through the boss 11 extends through the plate 10 to admit of the passage of the shank 12 therethrough which is engaged in the outer face of the harness saddle 13. The outer or upper end of the shank 12 is provided with a head 14 which is in the form of polygonal nut and is provided in its opposite faces with apertures 15. A stem 16

is upwardly extended from the head 14 and is considerably reduced therefrom to receive a sleeve 17. The sleeve 17 engages loosely over the stem 16 and rests at its lower end upon the upper face of the head 14. The sleeve 17 is held loosely in this position by the upsetting of the upper extremity of the stem 16 as at 18, and is adapted to rotate freely about the stem.

The upper extremity of the sleeve 17 carries an integrally formed ring 19 which is rounded at its inner opposite edges to receive a rein therethrough without injury to the rein and with a relatively small amount of friction. The plate 11 is rigidly secured to the harness saddle by means of screws 20 or the like which are passed through the ends of the plate 10 and into the face of the saddle 13 to a considerable distance.

In applying the improved terret to the saddle the plate is secured in place through the medium of the screws 20. The shank 12 is now inserted through the boss 11 and is forced inwardly through the same by applying a wrench or other suitable tool to the head 14. The openings 15 which are formed in the faces of the head 14 are to receive a pointed instrument for increasing leverage upon the head 14 when the same is rotated. From Fig. 2 it will be observed that the inner face of the ring 19 is apertured to continue the opening through the sleeve 17 and that the edge about the aperture is beveled so as to counter-sink the upset portion 18. This construction forms an uninterrupted inner face upon the ring 19.

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

A harness terret including a plate having a boss formed thereon, a shank detachably engaging through the boss and having an angular head with openings in its opposite faces for effecting the rotation of the shank, said shank also having an outwardly extending stem of reduced diameter, and a sleeve loosely disposed about said stem and having an integral ring upon its outer end.

In testimony whereof I affix my signature in presence of two witnesses.

BERNARD HANLON. [L. S.]

Witnesses:

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