

(No Model.)

E. L. HOWE.
HARNESS SADDLE.

No. 465,270.

Patented Dec. 15, 1891.

Fig. 1.

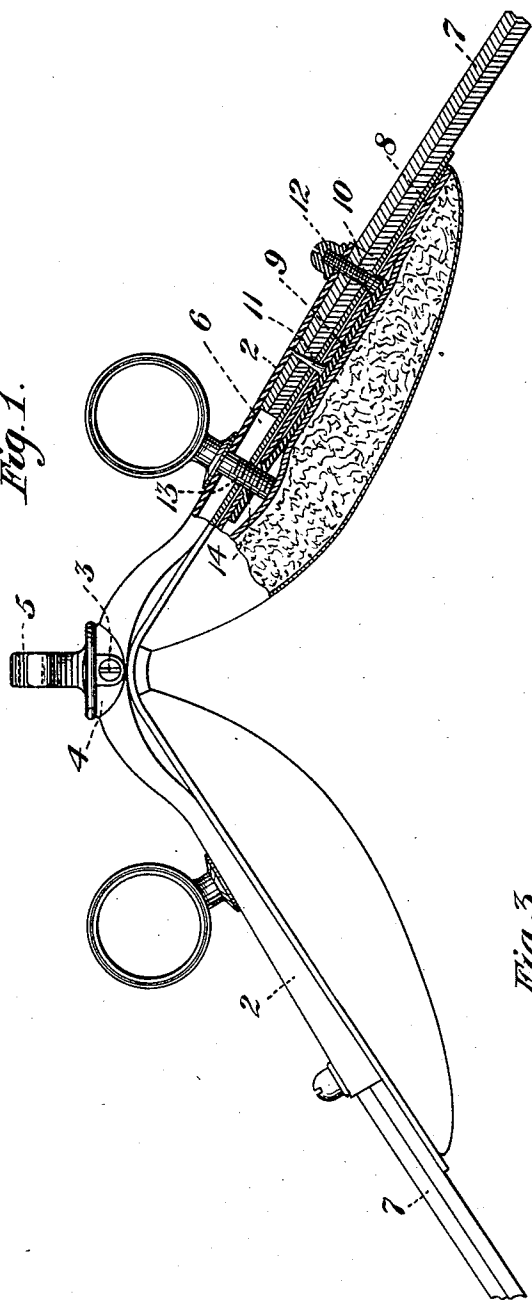


Fig. 2.

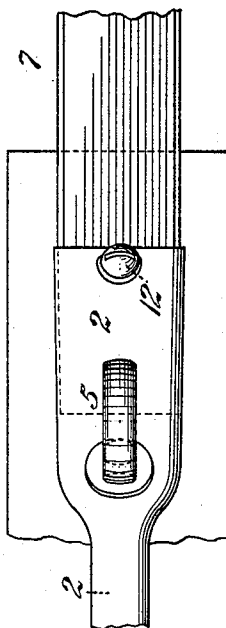


Fig. 3.

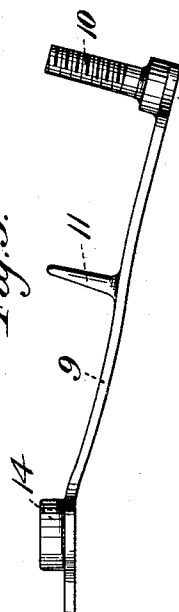
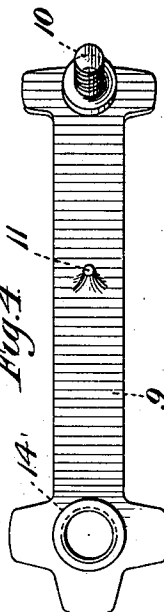


Fig. 4.



WITNESSES.

W. B. Corwin
J. M. Corwin

INVENTOR.

Eugene L. Howe
by W. Randall & Sons
his Attorneys.

UNITED STATES PATENT OFFICE.

EUGENE L. HOWE, OF CLEVELAND, OHIO.

HARNESS-SADDLE.

SPECIFICATION forming part of Letters Patent No. 465,270, dated December 15, 1891.

Application filed June 15, 1891. Serial No. 396,294. (No model.)

To all whom it may concern:

Be it known that I, EUGENE L. HOWE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Improvement in Harness-Saddles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view, partly in section, of my improved harness-saddle. Fig. 2 is a top plan view of a portion thereof, and Figs. 3 and 4 are enlarged detail views of the pad-plate.

In the drawings, 2 2 represent the jockeys, which are hinged to each other at 3 and provided thereat with the cover-plate 4, bearing the water-hook 5. Each jockey consists of a metallic strip of the general shape shown in Fig. 2 and flanged at the edges to produce a groove 6, within which the skirt 7 is secured. Beneath the jockey lies the pad-leather 8, and under the pad-leather is secured the burr-plate 9. This burr-plate is of a peculiar shape, as shown in Figs. 3 and 4, having cast integral therewith a threaded lug 10, a spur 11, and a burr or boss 14. The burr-plate is secured to the jockey by means of the nut 12, which engages the threaded lug 10 and bears upon the upper surface of the metal jockey, and also by means of the terret-screw 13, which passes through a hole in the jockey and engages the internally-threaded boss 14. The spur 11 projects upwardly from the burr-plate 9 and passes through the pad-leathers and skirt 7, holding the same in position, while they are clamped between the jockey and burr-plate by screwing down the terret 13 and nut 12 to their places.

The advantages of my construction lie in its simplicity, cheapness, and the ease of assembling the parts. The burr-plate, having the threaded lug and spur cast integral there-

with, is cheaply made, and after the skirt is placed in position the lug 10 and spur 11 can be immediately pushed to place, after which the terret 13 and nut 12 are screwed home, obviating any slipping of the parts necessitated by the slow drawing to place by means of screws.

I claim—

1. In a harness-saddle, a burr-plate having integral therewith an externally-threaded lug, a spur, and an internally-threaded boss, substantially as described.

2. In a harness-saddle, the combination of a jockey, a burr-plate having integral therewith an externally-threaded lug, a spur, an internally-threaded boss, and a nut engaging the lug, substantially as and for the purposes described.

3. In a harness-saddle, the combination of a jockey, a burr-plate having integral therewith a threaded lug, a spur, and an internally-threaded boss, a terret passing through the jockey and engaging the boss, and a nut engaging the threaded lug and bearing on the surface of the jockey, substantially as and for the purposes described.

4. In a harness-saddle, the combination of a grooved jockey, a skirt located in said groove, a pad-leather beneath the skirt, a burr-plate having integral therewith a threaded lug, a spur, and an internally-threaded boss, a terret passing through the jockey and pad-leather and engaging the boss, and a nut engaging the threaded lug and bearing on the surface of the jockey, substantially as and for the purposes described.

In testimony whereof I have hereunto set my hand this 11th day of June, A. D. 1891.

EUGENE L. HOWE.

Witnesses:

MARTIN O. SENSENY,
EMIL W. JAITE.