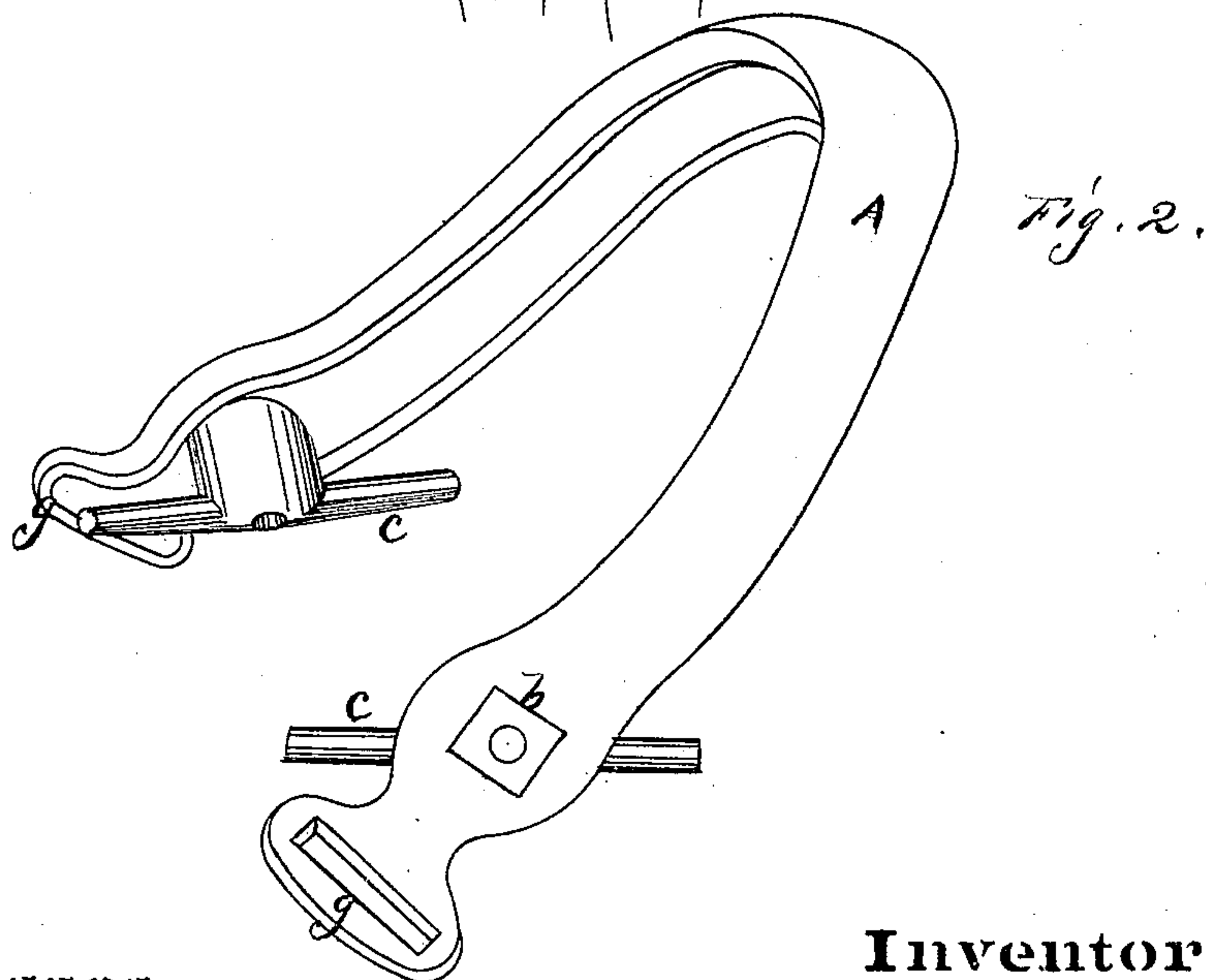
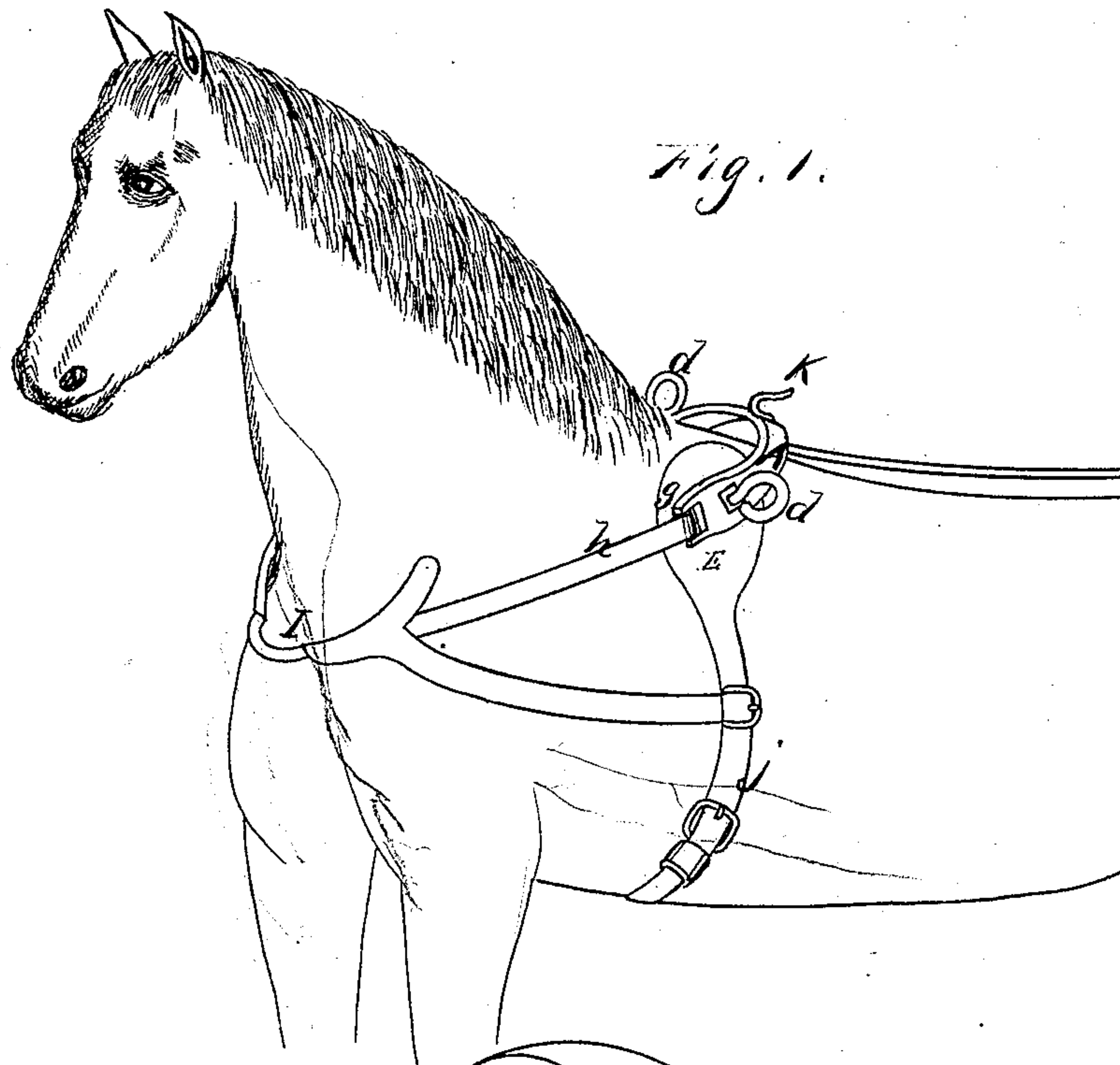


G. W. DUTTON.

Improvement in Harness-Saddles.

No. 130,906.

Patented Aug. 27, 1872.



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

GEORGE W. DUTTON, OF TOMALES, CALIFORNIA.

IMPROVEMENT IN HARNESS-SADDLES.

Specification forming part of Letters Patent No. 130,906, dated August 27, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, GEORGE W. DUTTON, of Tomales, Marin county, State of California, have invented an Improved Harness-Saddle or Pad; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement, without further invention or experiment.

The object of my invention is to so construct a harness saddle or pad that it will bear upon that portion of the horse's back which seems to have been intended by nature as its proper seat—namely, the depression just back of the upper portion of the scapula and at each side of the withers and backbone. My improved saddle or pad is so constructed that while it thus presses upon the horse in the depression just back of the upper portion of the scapula, it does not in any way interfere with the remaining portions of the harness, but leaves the arrangement much as the ordinary saddle or pad and mounting.

In order to more fully illustrate and explain my invention, reference is had to the accompanying drawing forming a part of this specification, in which Figure 1 is a view of the pad in position. Fig. 2 is an enlarged view of the bridge.

A represents the bridge of the saddle or pad arching over and receding backwardly as it passes from the pad of one side to the pad of the other side of the withers and backbone, so that while the middle of the bridge comes directly over the usual position of the ordinary saddle or pad its ends extend forward upon each side of the horse's back, as shown. Near each end of this bridge a hole, *b*, is made, in which the stem of a T-shaped bolt, *c*, is placed from beneath, so that its extremity will be

flush with the outer face of the bridge. In the end of this stem is a screw-hole in which the terrets *d* are screwed, as shown. The T-shaped bolt *c* is so constructed that when it is thus secured to the bridge the cross-arm beneath the bridge will be parallel or nearly so to the horse's backbone, and the pad *E*, which rests in the depression behind the upper portion of the shoulder-blade and at each side of the withers and backbone, is secured to this cross-arm so that it can rock upon the cross-arm, and thus adjust itself to the movements of the horse. A loop, *g*, is formed at each extremity of the bridge, to which one end of the strap *h*, which supports my patent collar *I*, is attached. The belly-band *j* is attached as in an ordinary harness. The water-hook *K* is secured to the bridge at its middle in the usual position.

By this means I provide a harness-saddle or pad which cannot, and is not inclined to, slip forward, (as is the ordinary saddle or pad,) because its construction has reference to the anatomical exterior of the horse, while all pressure is placed in that natural depression behind the upper portion of the shoulder and at each side of the withers and backbone.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is—

1. The receding bridge *A*, in combination with the pads *E* and straps *h*, substantially as described.

2. The receding bridge *A* with its loops *g* and hole *b*, in combination with the T-shaped bolt *c* and terrets *d*, substantially as and for the purpose described.

In witness whereof I hereunto set my hand and seal.

G. W. DUTTON. [L. S.]

Witnesses:

J. L. BOONE,

C. M. RICHARDSON.