

No. 633,503.

Patented Sept. 19, 1899.

W. O. CAMPBELL & W. H. MICKEY.
HARNESS SADDLE.

(Application filed Apr. 29, 1899.)

(No Model.)

Fig. 1.

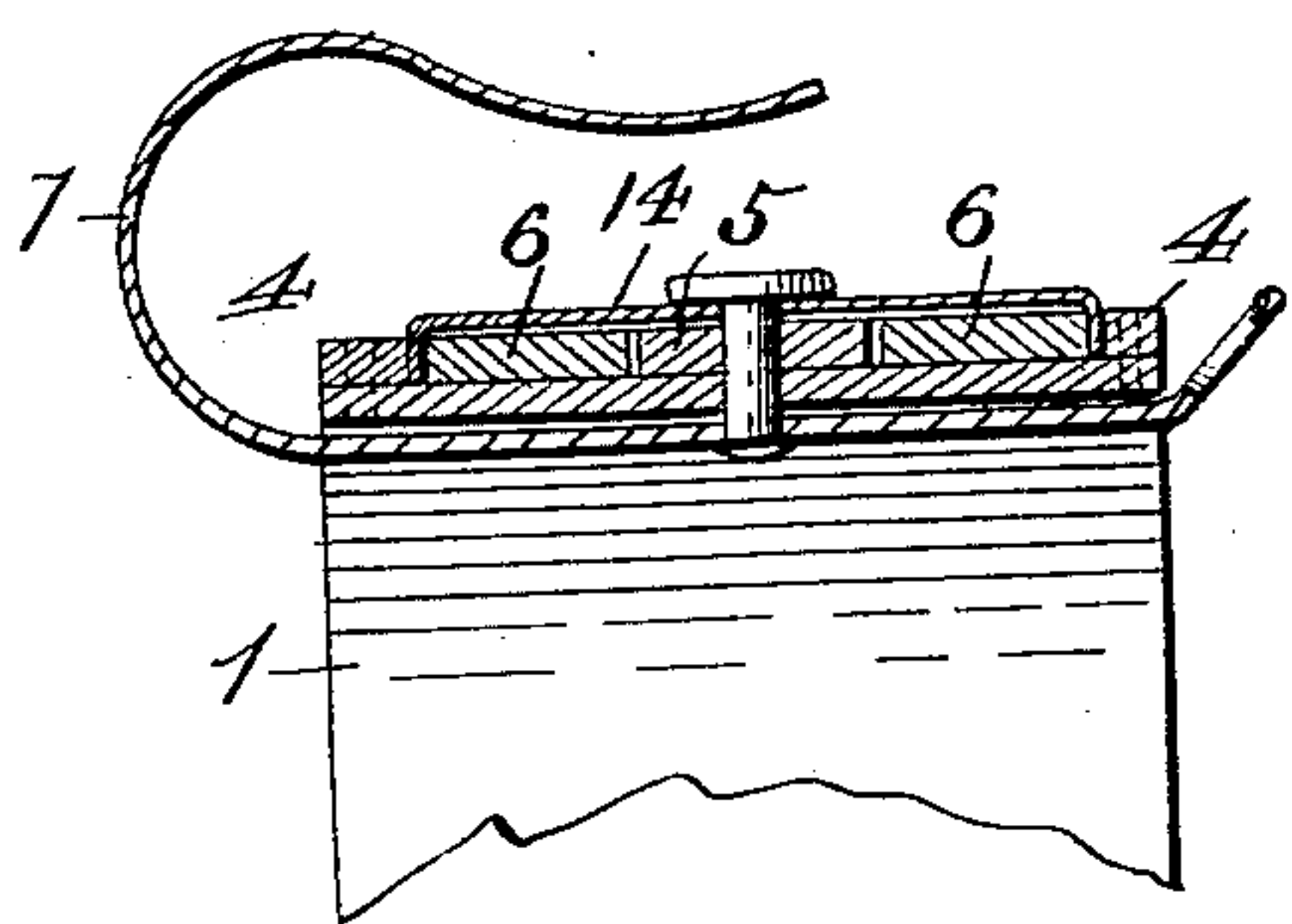
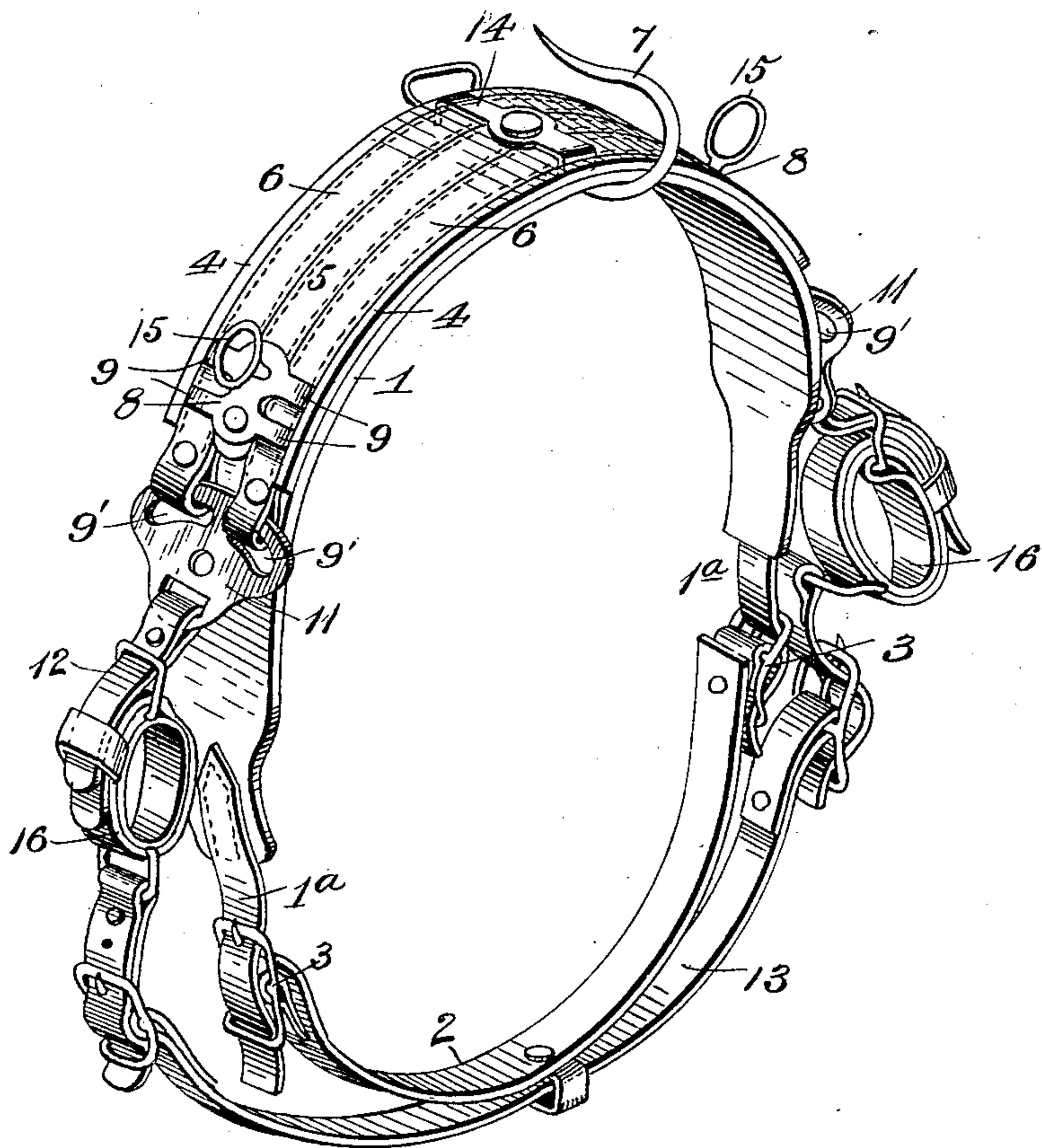


Fig. 2.

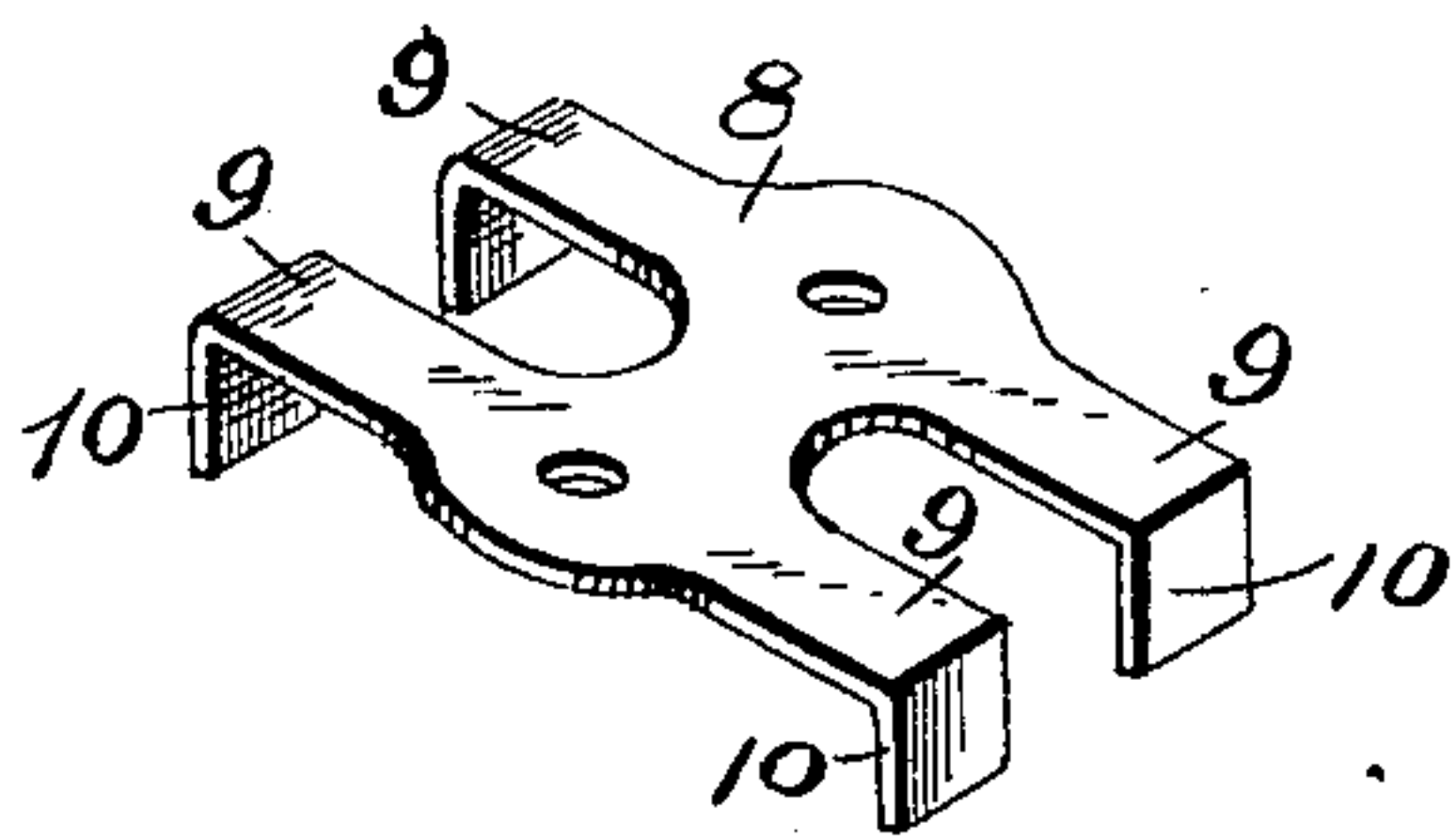


Fig. 3.

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HARNESS-SADDLE.

SPECIFICATION forming part of Letters Patent No. 633,503, dated September 19, 1899.

Application filed April 29, 1899. Serial No. 714,984. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM O. CAMPBELL and WILLIAM H. MICKEY, citizens of the United States, residing at Peebles, in the county of Adams and State of Ohio, have invented new and useful Improvements in Harness-Saddles, of which the following is a specification.

Our invention relates to harness-saddles; and its object is to provide an improved construction of the same which shall possess superior advantages with respect to efficiency in use.

The invention consists in the novel construction and combination of parts, hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a harness-saddle constructed in accordance with our invention. Fig. 2 is a longitudinal section of the same. Fig. 3 is a detail of the metal plate 8.

In the said drawings the reference-numeral 1 designates the saddle proper, which consists of a leather strap adapted to pass around the back of a horse and the ends provided with straps 1^a, which are connected with a lower strap 2, provided with buckles 3, by which it is connected with the said strap 1^a. Secured to the said strap or saddle 1 at the edges thereof are two longitudinal strips 4, and centrally secured to said strap 1 is a central strap 5, spaces being thus formed between the said edge strips and central strap, which form ways for the movable holdfast, which is connected with the belly-band hereinafter described. This holdfast comprises two straps 6, which rest upon the strap 1 between the central strap 5 and the strips 4 and are movable thereon. Secured to said strap 1 is the checkrein-hook 7, and also secured to said central strap 5 at opposite sides of the said hook are metal plates 8, formed with arms 9, the ends of which are bent downwardly, forming ribs or flanges 10, which engage with the outer edges of the straps 6. The ends of the straps 6 are turned back upon themselves, forming loops which are connected with segmental slots 9' in plates 11, which are larger than the loops, so that the said plates may have a limited sidewise movement. Con-

nected with these plates are straps 12, which in turn are connected with the strap 13. Also connected with the central strap 5 is a central plate 14, the ends of which are turned downwardly and engage with the edges of the holdfast. Passing through the plates 8 and engaging with the strap 5 are terrets 15, which also serve to hold said plates in place.

It will be noticed that the plates 11 are connected with the straps 12, which straps are provided with loops 16, which engage with the shafts of a vehicle.

The invention will be found very efficient in use, and as the shafts are connected with the loops 16 of the holdfast any movement of the shafts, such as when the vehicle is traveling on an uneven road, will be compensated for by the movement of the holdfast, thus not only preventing injury to the saddle, but rendering it much more comfortable to the horse and preventing sore backs.

A saddle constructed according to our invention is very elastic and flexible, so that it can be applied to horses of different sizes, and by reason of the yielding movement of the holdfast will not injure the animal.

Having thus fully described our invention, what we claim is—

1. In a harness-saddle, the combination with the strap 1, the lower strap connected therewith, the strips connected with the edges of the strap 1, and the central strap secured to said strap 1, of the movable holdfast supported by the strap 1, the loops connected therewith adapted to be connected with the shafts of a vehicle and the belly-band connected with said loops, substantially as described.

2. In a harness-saddle, the combination with the strap 1, the lower strap connected therewith and the movable holdfast, of the plates connected with said holdfast formed with segmental slots, the straps connected therewith provided with shaft-loops and the belly-band, substantially as described.

3. In a harness-saddle, the combination with the strap 1, the strips secured to the edges thereof and the central strap, of the holdfast comprising the two straps, the slotted plates secured thereto, the straps connected

therewith provided with shaft-loops, the belly-
band, and the guide-plates secured to said
central strap having their ends turned down-
wardly forming flanges engaging with the
5 edges of the straps of the holdfast, substan-
tially as described.

In testimony whereof we have hereunto set

our hands in presence of two subscribing wit-
nesses.

WILLIAM O. CAMPBELL.
WILLIAM H. MICKEY.

Witnesses:

CHARLES H. BERRY,
TILDEN GRAY.