(No Model.)

S. A. NOLEN.

HARNESS SADDLE.

No. 478,205. Patented July 5, 1892.

Fig. 1.

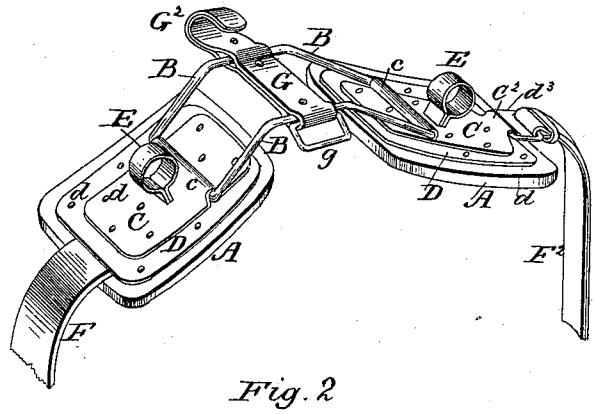
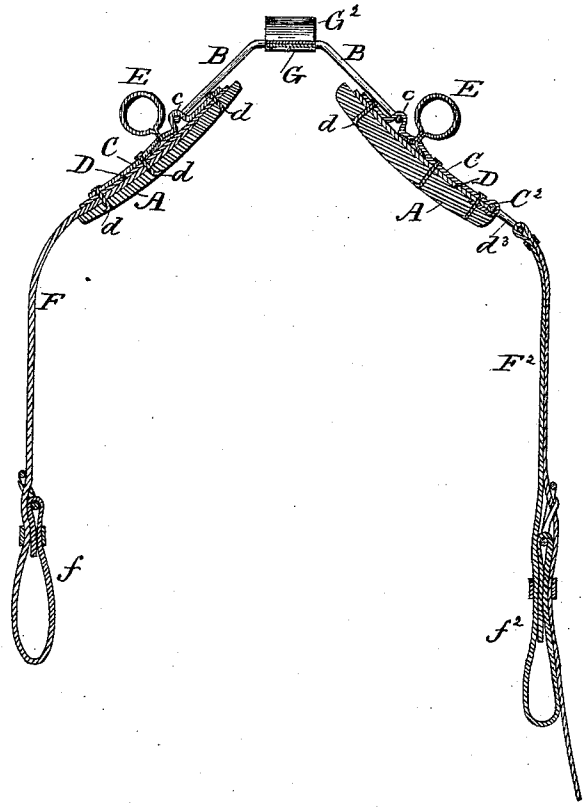


Fig. 2.



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UNITED STATES PATENT OFFICE.

STEPHEN A. NOLEN, OF McCRORY, ARKANSAS.

HARNESS-SADDLE.

SPECIFICATION forming part of Letters Patent No. 478,205, dated July 5, 1892.

Application filed April 19, 1892. Serial No. 429,722. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN A. NOLEN, a citizen of the United States, residing at McCrory, in the county of Woodruff, State of Arkansas, have invented certain new and useful Improvements in Harness-Saddles, of which the following is a specification, reference being had therein to the accompanying drawings.

My improvement relates to the construction of a pad-tree for gig, wagon, and other harness-saddles; and the objects of my improvement are to produce in an inexpensive manner said part of a harness, although rendering it flexible and self-adjustable to the back of a horse, yielding on one side or the other to its motion, and resting in an easy and comfortable manner upon its back. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a harness-saddle constructed in accordance with my invention. Fig. 2 is a central vertical section of the same.

In said drawings, A represents the jockey plates or sections of the pad-tree. Said sections can be made of leather, as shown on the left-hand side of Figs. 1 and 2, and may be padded on the under side, if desired, although I regard it as unnecessary and rather detrimental to their lasting quality, or they can be made of wood, as shown on the right-hand side of Figs. 1 and 2, as the manner in which they are flexibly connected together render them self-adjustable. The flexible connection consists of a rectangular wire link B, having its front and rear portions arched upward to prevent any possibility of said portions exerting a pressure upon the backbone of the animal. To flexibly unite the lower ends of the link B to the top of the jockey-plates A, a top plate C and bottom plate D are used on top of each jockey-plate. The top plate C has an upwardly-turned crease therein, forming a loop *c* to receive the connecting-bars uniting the upwardly-arched portions of the link B. Under said loop *c* each plate C has a horizontal slot therein for the passage of the lower portions of the terrets E. Said lower portions, after having been passed through said slot, are bent laterally under the plate C and are made to rest upon the bottom plate D. Said plate D is of larger size than the plate C, and is secured, as well as said plate C, to the leather or wood jockey-plate A by means of malleable-iron nails *d*, that are clinched against the under side of said leather or wood. A few of said nails *d* are also made to pass through the upper end of the leather strap F, as shown on the left-hand side of Figs. 1 and 2. The lower end of said strap is provided with an adjustable loop *f* to receive one of the shafts of a vehicle. A corresponding strip F^2 is shown secured to the wood jockey-pad on the right-hand side of Figs. 1 and 2 by means of a loop C^2, formed on the lower end of the plate C, said loop receiving one of the bars of a link d^3, through which the upper portion of the strap F^2 is passed. The lower portion of this strap has also an adjustable loop f^2 to receive one of the shafts of a vehicle. The upwardly-arched front and rear portions of the wire link B are united together by a bent-over metallic strap G, made to clasp said portions by means of rivets passing through said strap. The ends are bent over to form a hook G^2 to receive the strap of the bridle-bit. In the rear end loop of the strap G is placed a link *g*, to which the crupper-strap can be attached.

Having now fully described my invention, I claim—

1. In a harness-saddle, the combination of the jockey-plates, each having a metal plate D resting thereon, a plate C, resting on the plate D and having an upwardly-turned loop *c* and a horizontal slot, a terret having its ends passing through said slot and bent under the plate C, with a wire link B, having its front and rear portions arched upward, and a metal strap G, folded around said arched portions and having its ends in the form of a hook, substantially as described.

2. In a harness-saddle, the combination of the jockey-plates, each having superposed metal plates, the upper plate having a hori-

zontal slot and the lower ends of a rigid terret passing through said slot and resting upon the lower plate, with a wire link B, uniting together the metal plates and the jockey-plates, said link having its front and rear portions arched upward, substantially as described.

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

S. A. NOLEN.

Witnesses:
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