

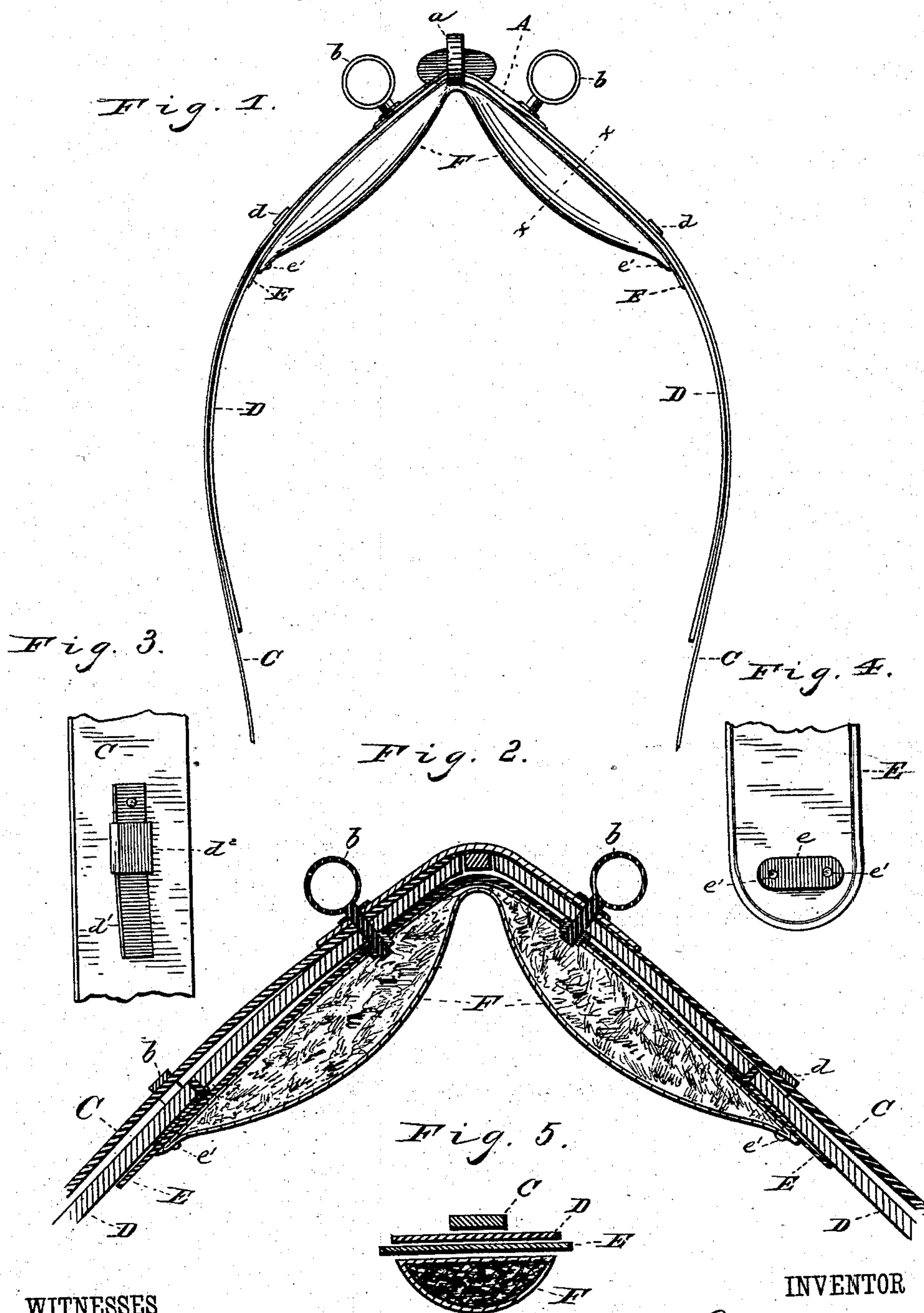
(No Model.)

J. E. RENZ.

GIG SADDLE.

No. 284,235.

Patented Sept. 4, 1883.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN E. RENZ, OF MEDINA, OHIO.

GIG-SADDLE.

SPECIFICATION forming part of Letters Patent No. 284,235, dated September 4, 1883.

Application filed May 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. RENZ, of Medina, in the county of Medina and State of Ohio, have invented certain new and useful Improvements in Harness-Pads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in harness-pads or "gig-saddles," as they are sometimes called; and it consists in certain features of construction and in combination of parts, hereinafter described, and pointed out in the claim.

The object of my invention is to furnish a cheap and durable pad that shall be more elastic and can better adapt itself to the different shapes of horses than those heretofore in use. Heretofore the pad proper and the housing were usually made together, so that when one part was worn out the balance was worthless. In my new pad each part is made complete of itself, and the parts are so attached to each other that they may be easily separated and any one piece renewed, while still retaining for further use the balance of the structure.

The term "gig-saddle" is usually applied to the pads on a single harness when the pads support the thills or shafts of the vehicle, and it is to this kind of pad that my invention is more especially applicable.

In the drawings, Figure 1 is an elevation view of my new pad. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a view in detail of a portion of the skirt and attachments. Fig. 4 is a view in detail of a portion of the housing and attachments. Fig. 5 is a cross-section on the line of *xx*, Fig. 1.

A represents a pad-tree, usually of metal or of metal covered with leather, provided with the hook *a* in the center for the check-rein, and provided also with holes in each end, through which the terrets *b* pass. These terrets are provided in the usual manner with screw ends, that extend through the thill-straps C, the skirt D, the housing E, and engage, respectively, nuts that are secured in the pad F. The thill-straps are of thick leather and require no other fastening than is given by the terrets passing through them, respectively, and the thimbles or loops *d* confining them laterally to their place on the skirt. The

skirt extends from side to side, and is provided at each end with a strap, as is usual. On the under side and toward each end, respectively, are attached the tongues *d'*, made preferably of sheet metal. These tongues may be fastened in any suitable manner, but preferably by a rivet at the upper end of the tongue and by a loop, *d''*, embracing the tongue, and made by uniting the ends of the piece of leather. That on the other side of the skirt forms the loop *d*, that holds in place the thill-straps C. This tongue engages a loop, *e*, on the housing and keeps the two parts in their proper relative lateral position, but allows sufficient end-play to render the parts elastic and self-adjusting to the shape of the horse.

The housing and pad are made separate, and are only attached in such a manner as will render them easily separated, preferably by two rivets, *e'*, at each end, that may also secure the said loop *e*. The housing is usually made of some bright-colored material or decorated in some manner, so that it is usually sooner soiled than the other parts. By removing the said rivets the housing may be taken off and repaired, cleaned, or a new one substituted at any time.

The pad proper may be made of cloth or leather, as desired. The top thereof should be of sufficient stiffness to hold the burr or nut of the terrets, and the under part may be fastened to the top, or "burr-piece," as it is called, in any suitable manner.

In place of the loop *e*, a slit might be made in the housing, or other similar device had, to engage the tongue *d'*; also, the tongue *d'* might be made, like prongs or projections, in a variety of forms without departing from the spirit of my invention.

What I claim is—

The combination, with the pad-tree A, skirt D, thill-straps C, pad F, and housing E, of devices for securing the skirt and housing together and retaining them against lateral displacement and allow of sufficient endwise movement to render them self-adjusting, substantially as set forth.

In testimony whereof I sign this specification, in the presence of two witnesses, this 12th day of May, 1883.

JOHN E. RENZ.

Witnesses.

C. J. CHASE,
S. L. DYER.