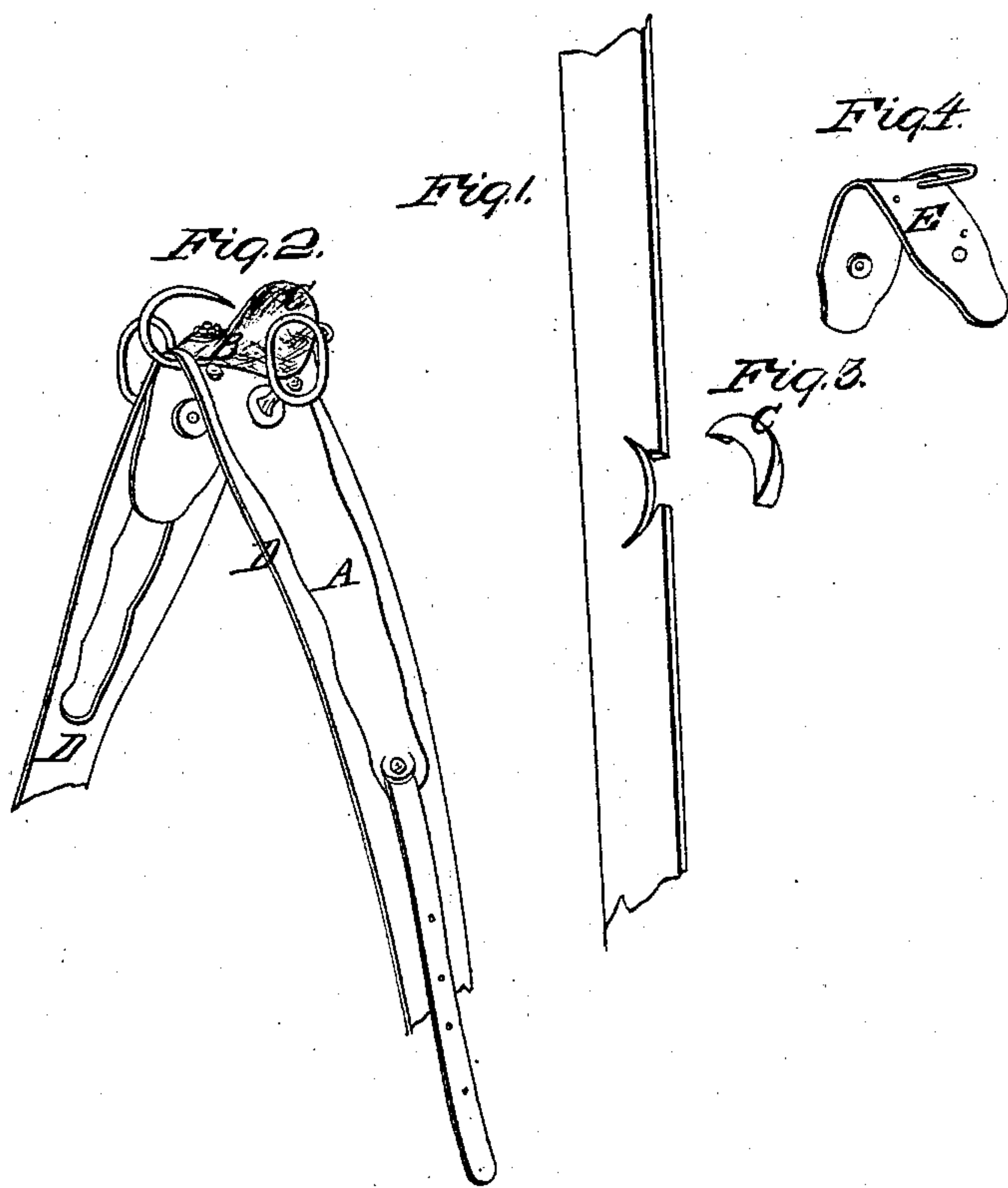


P. Shaw,
Harness Saddle,
No 17,117, Patented Apr. 21, 1857.



UNITED STATES PATENT OFFICE.

PALMER SHAW, OF SYRACUSE, NEW YORK.

HARNESS-SADDLE.

Specification of Letters Patent No. 17,117, dated April 21, 1857.

To all whom it may concern:

Be it known that I, PALMER SHAW, of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Harness-Saddles, of which the following is a full and exact description.

The nature of my invention consists in a method of constructing harness saddles by making the cantle of a single piece of leather shaped so as to give the desired form to the cantle, and connected by stitching at its upper edge to a raised portion of a piece of leather from which the skirts are formed, and completing the tree by attaching the parts thus made to a bearing plate shaped in the form suited to the horse's back.

Take a piece of leather, or stock in the rough of sufficient size for the saddle and cut it in the manner and shape represented in Figure 1, which when wetted is placed over a form of the exact shape of the small or jockey skirt marked A, in Fig. 2, and the seat and front part of the cantle marked B and C, in Fig. 2, and then the leather is rubbed down over the form with a hand tool which raises the small or jockey skirt marked A, in Fig. 2, above the surface marked D, in Fig. 2, which constitutes the large skirt and it also gives the proper

form and shape to the seat and the front part of the cantle as they are shown in Fig. 2. The cantle is completed by placing a piece of leather cut in the shape and form marked C in Fig. 3, to the back part of the cantle and fastening it there by stitching it to the upper edge of the front part of the cantle. A piece of metal of the form and shape marked E, in Fig. 4 is then placed under the saddle so far in progress to give it the requisite strength and to keep it in shape and into which the turrets and check hook bolt fasten.

What I claim as my invention and desire to secure by Letters Patent is,—

Making the tree of harness saddles to consist essentially of the leather cantle-piece C Fig. 3, shaped as described, connected to the raised portion of the piece of leather Fig. 1 from which the skirts D are formed, and the whole attached to the bearing plate (E) substantially in the manner and for the purpose set forth.

In witness whereof I have hereunto subscribed my name the tenth day of February eighteen hundred and fifty seven.

PALMER SHAW.

In presence of—

GEORGE D. COWLES,
L. F. HALL.