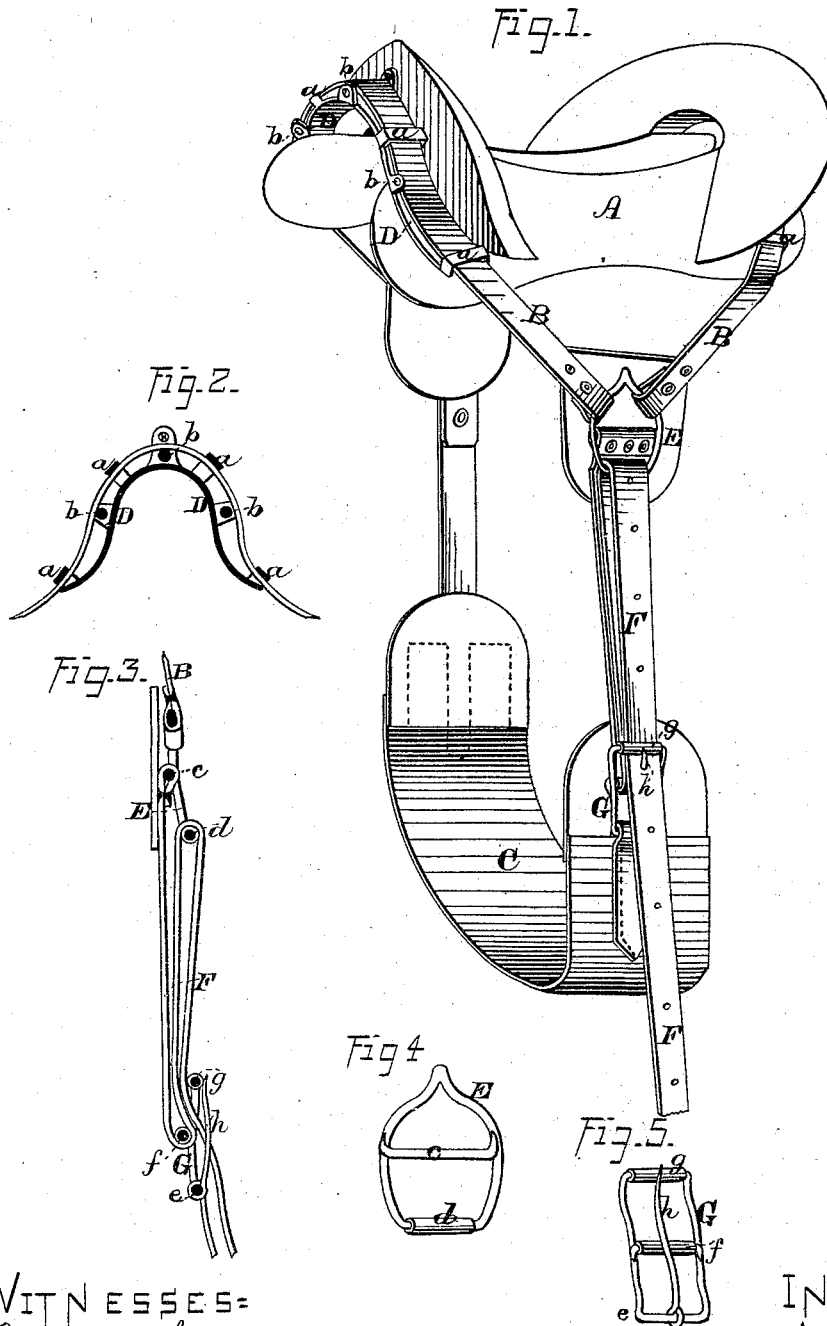


G. E. ALBEE.

Riding and Pack Saddle.

No. 165,973.

Patented July 27, 1875.



WITNESSES=
Jas. Hutchinson
James D. Dwyer

INVENTOR.
George E. Albee

UNITED STATES PATENT OFFICE.

GEORGE E. ALBEE, OF MINNEAPOLIS, MINNESOTA.

IMPROVEMENT IN RIDING AND PACK SADDLES.

Specification forming part of Letters Patent No. **165,973**, dated July 27, 1875; application filed July 20, 1875.

To all whom it may concern:

Be it known that I, GEORGE A. ALBEE, of Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Improvement in Riding and Pack Saddles, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a saddle-tree with my improvements attached. Fig. 2 is a sectional view of one of the arched slideways. Fig. 3 is a sectional view of the "sinching" strap, ring, and buckle. Fig. 4 is a detailed view of the ring, and Fig. 5 is a detailed view of the buckle.

The object of my invention is to make the saddle girt or "sinch" upon the animal more easily, quickly, and securely than is possible by the ordinary means now in use, and at the same time have the straps B B connecting the saddle-tree A with the girt C movable instead of fixed, so that as the saddle is sinched on one side the straps B B slide sufficiently across the saddle-tree upon the arched slideways D D to secure an equal or nearly equal strain upon the girt C upon each side of the animal. The arched slideways D D are made of metal or other suitable material, and are provided with a loop, *a*, or its equivalent, at or near each end for securing the strap B; also one or more rollers, *b b*, or their equivalents, to make the strap B slide easily, and one or more loops, *a*, catches or devices of a similar nature, nearly midway between the end and the center of the arched slideway D, to guide the strap B, the arched slideways to be fastened to the saddle-tree by screws or their equivalents, said slideways adding greatly to the strength of the saddle, and supporting, confining, and guiding the straps B B. On one side of the saddle the straps B B meet in the ordinary ring, (not shown in drawing,) which is connected with the girt C in the usual manner; but on the opposite side, where the saddle is girted or sinched, the straps B B meet in the ring E, said ring having a bar, *c*, across its center and a roller, *d*, on its lower side. On the end

of the girt C is the buckle G, having a roller, *g*, at one end, and a cross-bar, *f*, with a roller near its center, and a tongue, *h*, hinged upon bar *e*, and reaching over the cross-bar to bar *g*, the buckle G being fastened to the girt C at the bar *e*. The sinching-strap F is fastened to the bar *c* in the ring E in such a manner that it hangs behind the roller *d*.

To girt or sinch the saddle upon an animal the strap F is passed around the bar *f* in the buckle G, going first between *e* and *f*, and then between *f* and *g*, thence around the roller *d* in the ring E, passing up behind the roller through ring and down outside, thence to the roller *g* in the buckle G, where it is fastened by the tongue *h* passing through one of the series of holes punched in the strap.

Two arched slideways are to be applied to the saddle-tree, one in front of pommel and one behind the cantle. Only a small portion of the one behind the cantle is shown in Fig. 1.

This invention is applicable to men's riding saddles, to side saddles, and to pack-saddles. In ordinary saddles a smooth slideway, without rollers, will be found sufficient; but for military and pack saddles rollers will be necessary, as so many articles are carried upon the pommel and cantle.

I claim as my invention—

1. The combination of the saddle-tree A and sliding straps B B with a girt, C, substantially as described.
2. The arched slideway D, provided with two or more loops, *a*, or their equivalents, in combination with a saddle-tree, substantially as and for the purpose specified.
3. The arched slideway D, provided with one or more rollers, *b*, substantially as and for the purpose specified.
4. The ring E, provided with the cross-bar *c*, in combination with the sinching-strap F and buckle G, substantially as and for the purpose specified.

GEORGE E. ALBEE.

Witnesses:

JAMES LUPTON,
RICH. H. MANNING.