G. HEATON & C. ECKLEY.

Adjustable Saddle-Trees.

No. 151,976. Patented June 16, 1874.

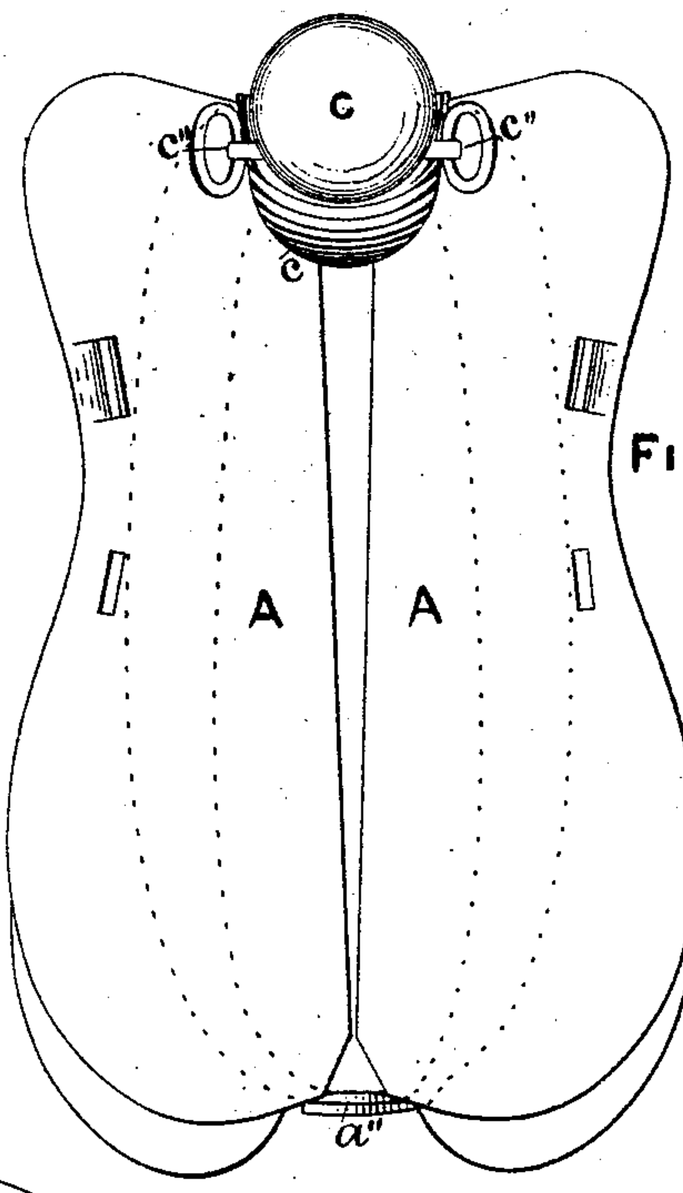


FIG. 1

FIG. 3

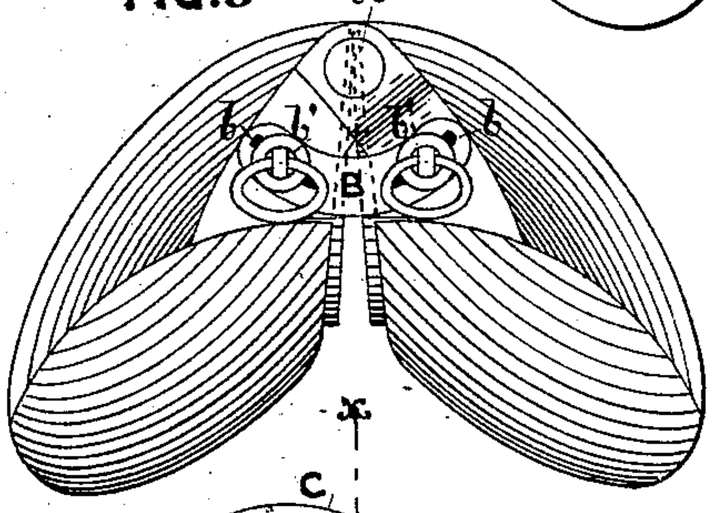


FIG. 2

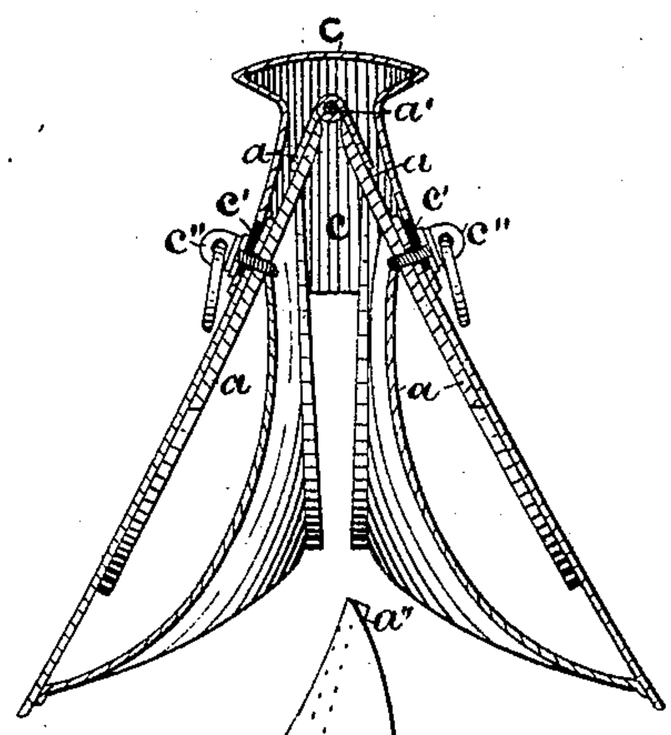
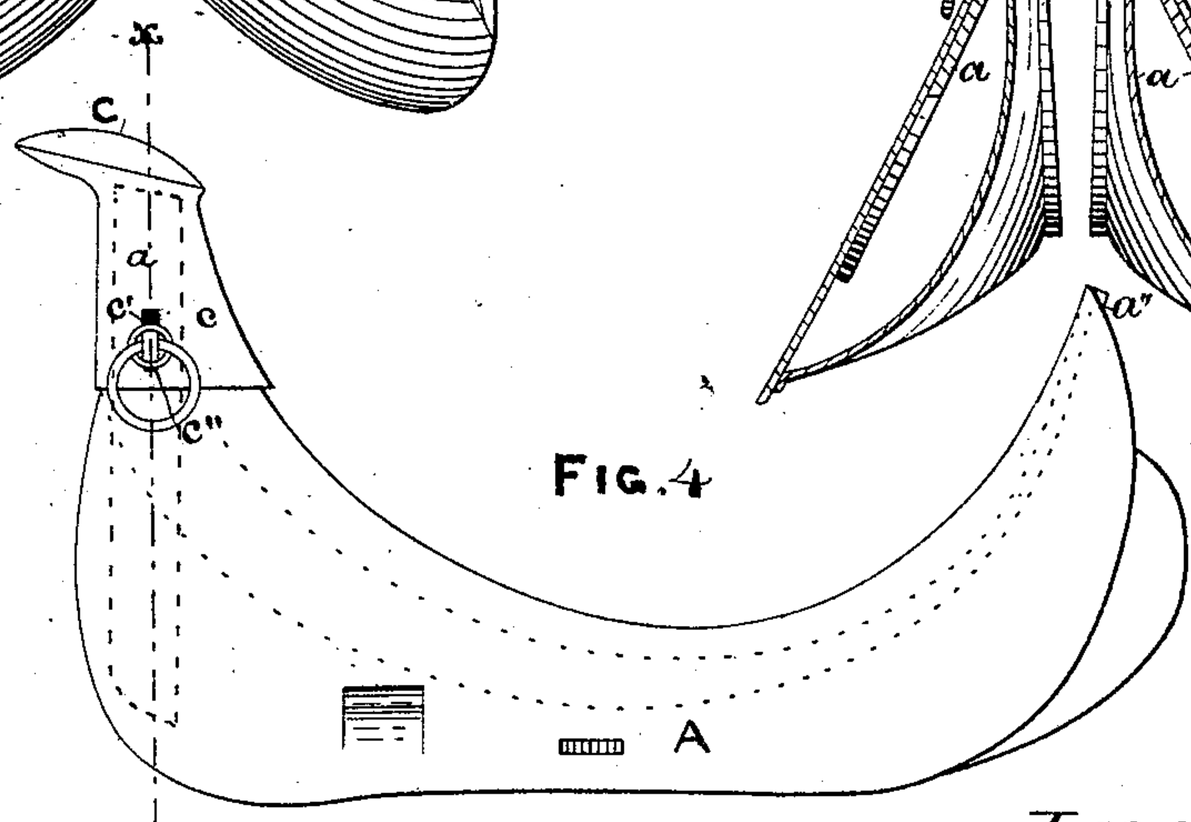


FIG. 4



Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE HEATON, OF WACO, TEXAS, AND CHARLES ECKLEY, OF YOUNG AMERICA, ILLINOIS.

IMPROVEMENT IN ADJUSTABLE SADDLE-TREES.

Specification forming part of Letters Patent No. **151,976**, dated June 16, 1874; application filed February 11, 1874.

To all whom it may concern:

Be it known that we, GEORGE HEATON, of Waco, county of McLennan and State of Texas, and CHARLES ECKLEY, of Young America, county of Warren and State of Illinois, have invented certain Improvements in Adjustable Saddle-Trees, of which the following is a specification:

The nature of our invention relates to improvements in saddle-trees; and the invention consists in constructing the forward ends of the trees with a hinged connection between its sides, to allow lateral adjustment of the sides to and from each other, the pommel being provided with a socket-shank, which fits over the hinged connection between the sides of the tree, and is provided with devices for securing it in different positions on said arms, for the purpose of securing the different adjustments, the rear side of the cantle also being provided with devices for adjusting the sides of it, formed by its division, all as hereinafter fully described.

In the accompanying drawing, Figure 1 is a top plan view of a saddle-tree embodying my invention. Fig. 2 is a sectional view in the line *x x* of Fig. 4, and Fig. 3 a rear elevation; and Fig. 4 is a side elevation.

Referring to the parts by letters, letters A A represent the two sides of a saddle-tree, their forward ends provided with upwardly-projecting arms *a a*, which are hinged at their upper ends at *a'*, and their ends or cantle hinged to each other at *a''*. B is a bar extending across the rear side of the cantle, its ends pierced with slots *b b*, through which ring stud-bolts *b' b'* are inserted into the cantle. C is the pommel, provided with a conical-shaped hollow shank, *c*, which fits over the arms *a a*, and is pierced with slots *c' c'*, through which ring-bolts *c'' c''* are inserted into the arms *a a*. The manner of adjustment is deemed evident from an inspection of the drawings. The conical shank *c* may be raised or lowered on the arms *a a*, and firmly fixed by the bolts *c'' c''*, and the rear end may be adjusted to suit the same by plate B and studs *b' b'*, thus adjusting the relative angle of the sides of the tree to each other, and adapting them to varying backs of animals.

It will be seen that these adjustments also are readily and easily effected.

We claim—

1. The saddle-tree made in two halves, A A, hinged to each other, and made adjustable by means of the hollow pommel C, arms *a a*, and bolts *c''*, substantially as and for the purpose specified.

2. The pommel C and its hollow shank *c*, when arranged to operate with the arms *a a*, and bar B, and stud-bolts *b'* and *c''*, substantially as described, and for the purpose specified.

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