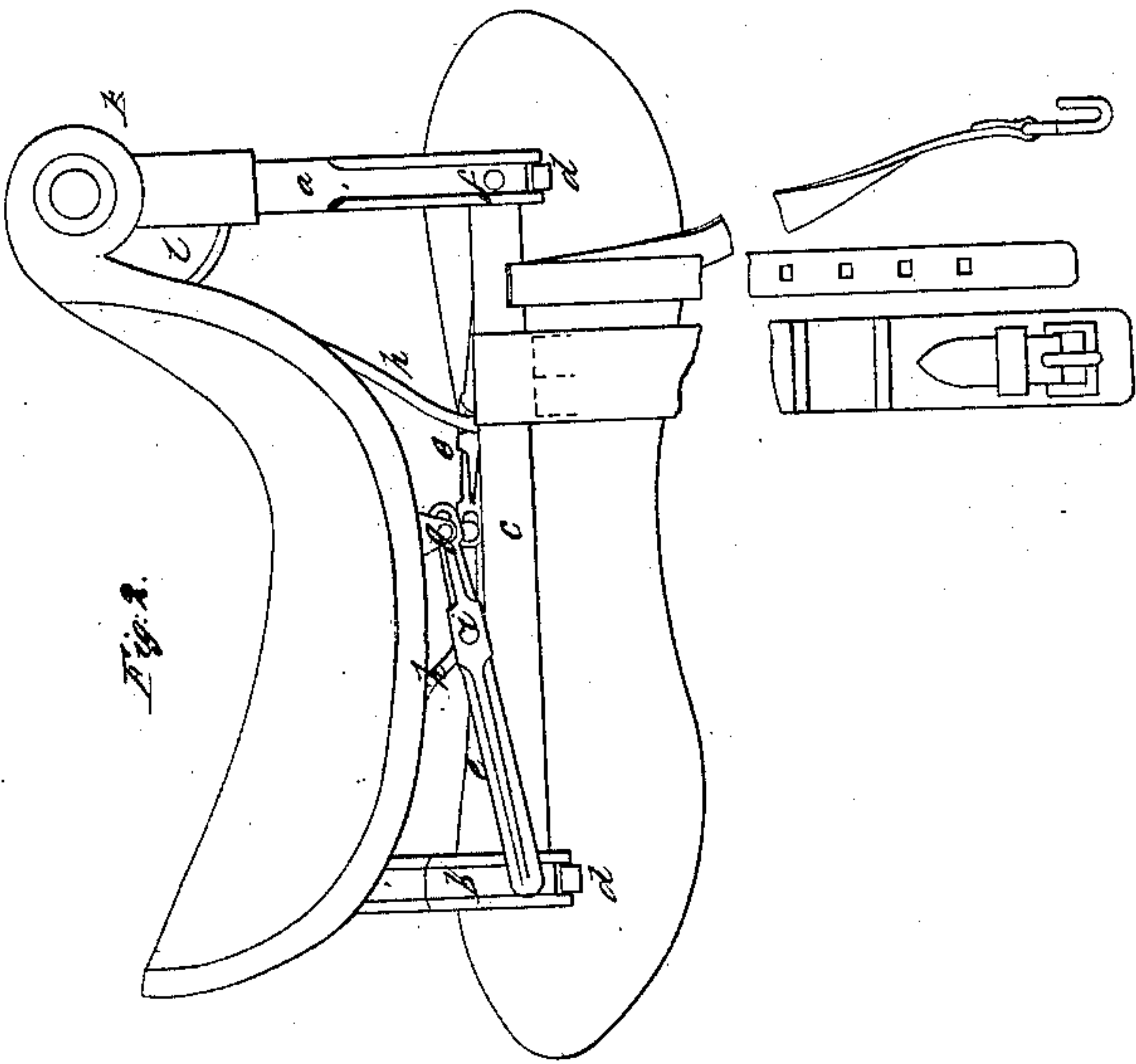
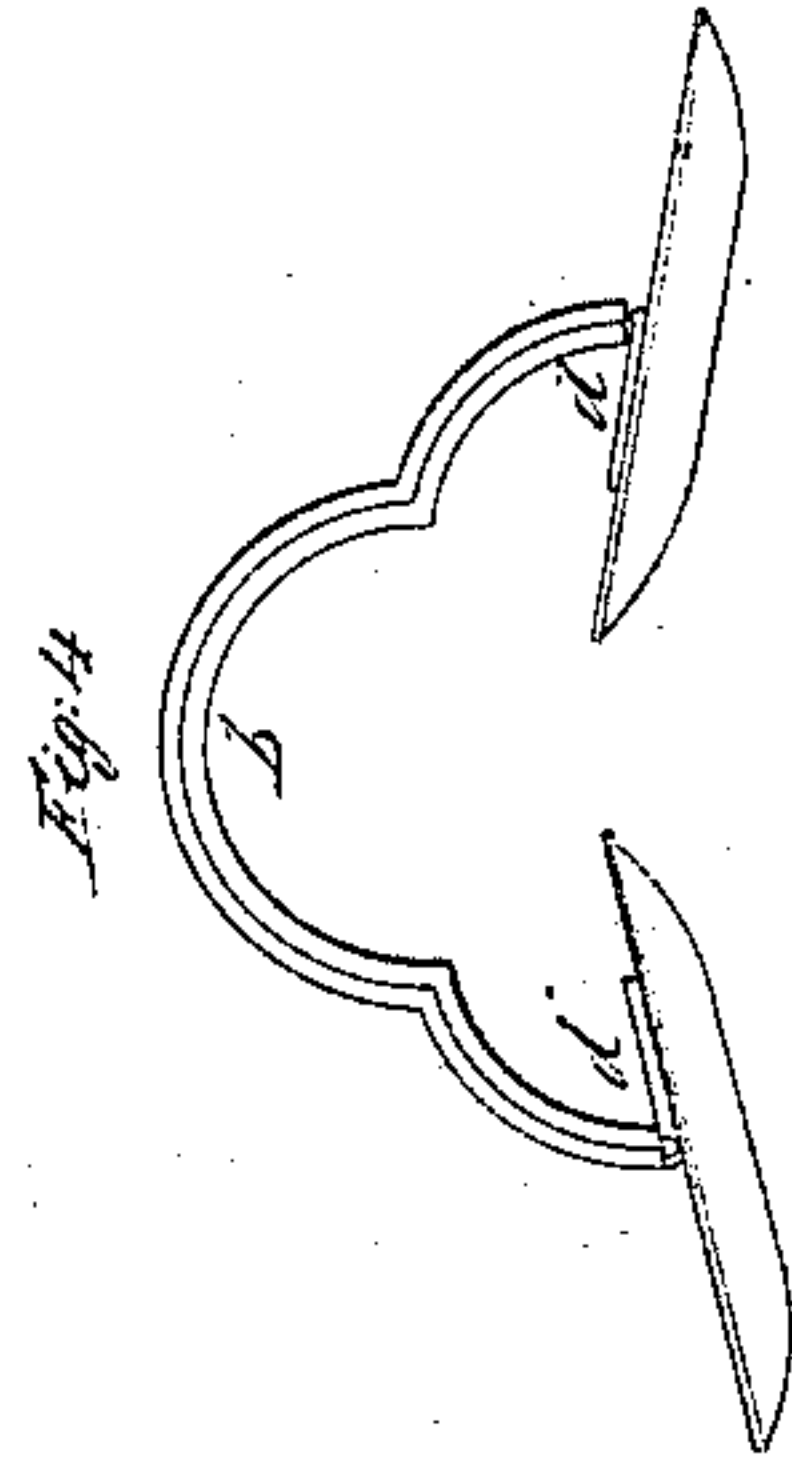
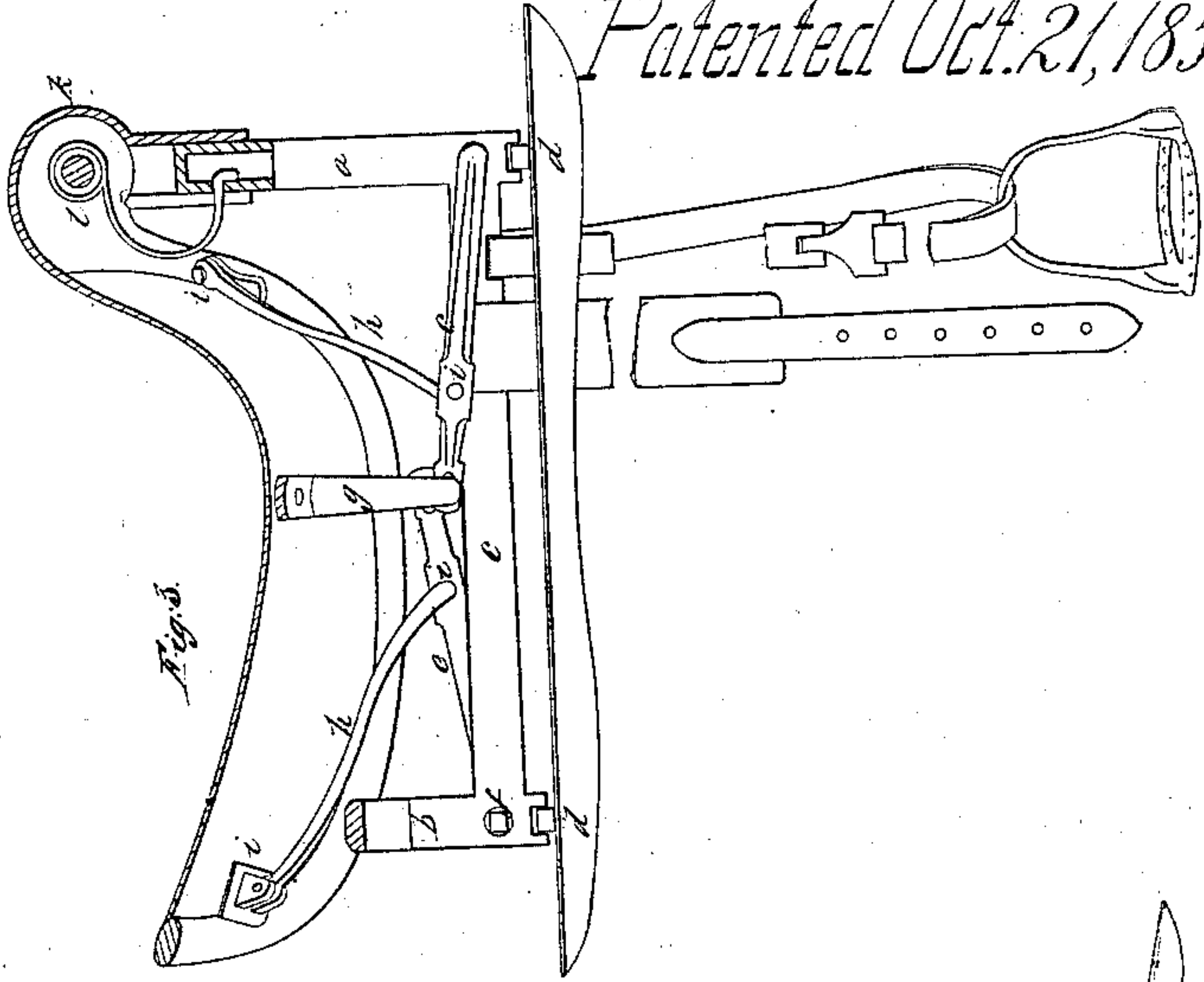
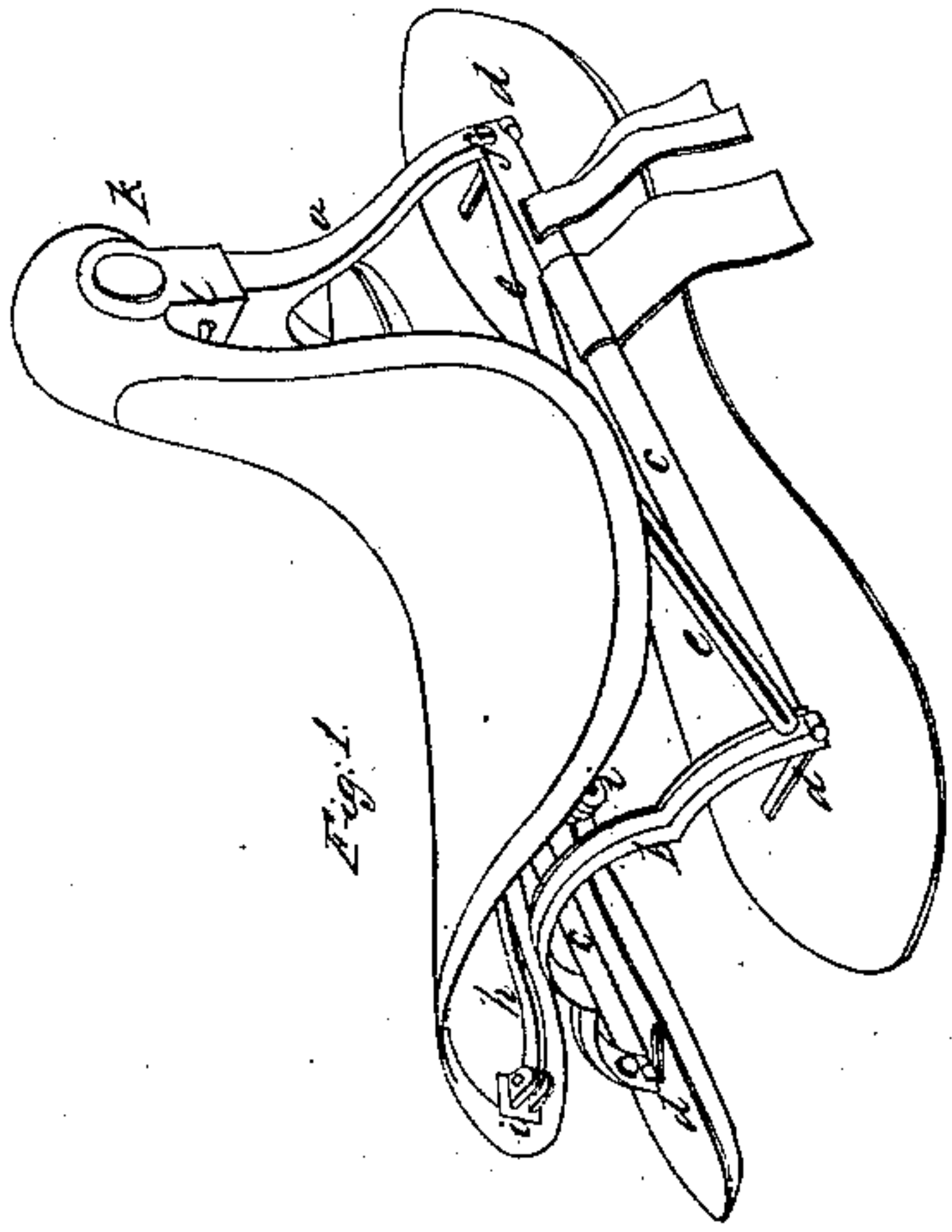


*J. C. F. Salomon,*

*Riding Saddle,*

*Nº 8,454,*

*Patented Oct. 21, 1851.*



# UNITED STATES PATENT OFFICE.

JOHN C. FR. SALOMON, OF CINCINNATI, OHIO.

## IMPROVEMENT IN SADDLES.

Specification forming part of Letters Patent No. 8,454, dated October 21, 1851.

*To all whom it may concern:*

Be it known that I, JOHN C. FR. SALOMON, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and Improved Saddle; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in constructing saddles with pads connected by hinges to a frame, to which, by means of a spring and levers acting as springs, the seat is attached.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation, reference being had to the annexed drawings, making a part of this specification.

I construct my saddle by making the frame with arched ends, *a b*, (see Figure 1, *a b*, Fig. 4, *b*; and Fig. 2, the side views; Fig. 3, the sections of *a* and *b*,) rising sufficiently to clear the back of the horse and extending down to the middle of the pads and firmly connected together by horizontal bars *c c*, Figs. 1, 2, and 3, the end *a*, Figs. 1 and 2, rising perpendicularly over the center of the arch, forming a tenon for the head and a receptacle for the spring.

The pads I make in the common form and attach at the middle of their widths by hinges

*d* (see all figures) to the lower ends of the arch-pieces *a b*, by which the pads move to conform to the back of any animal.

At the junction of the ends *a b* to the bars *c* are attached by movable pivots *f* (see Figs. 2 and 3) horizontal levers *e*, reaching parallel to the bars *c* to the middle of the saddle, where they are connected to the seat by means of vertical bars or columns *g*. (See Figs. 2 and 3.) Two-thirds of the distance from the pivots *f* to the vertical bars or columns *g* are attached by movable joints to the levers *e* inclined levers *h*, Figs. 2 and 3, connected by movable joints with each end to the seat, so as to support and at the same time imparting to it elasticity.

The seat is made of firm material in the common form, with exception of the head *k*, (see Figs. 1, 2, and 3,) which is made of a vertical tube sufficiently large to slip over the perpendicular tube of the arched end *a*, open at the interior side, so as to give room for the spring *l*, upon which, together with the levers, the seat rests.

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

The combination of levers and spring, as set forth in the specification and drawings.

JOHN C. FR. SALOMON.

Witnesses:

J. F. TRUCKNER,

A. E. H. JOHNSON.