

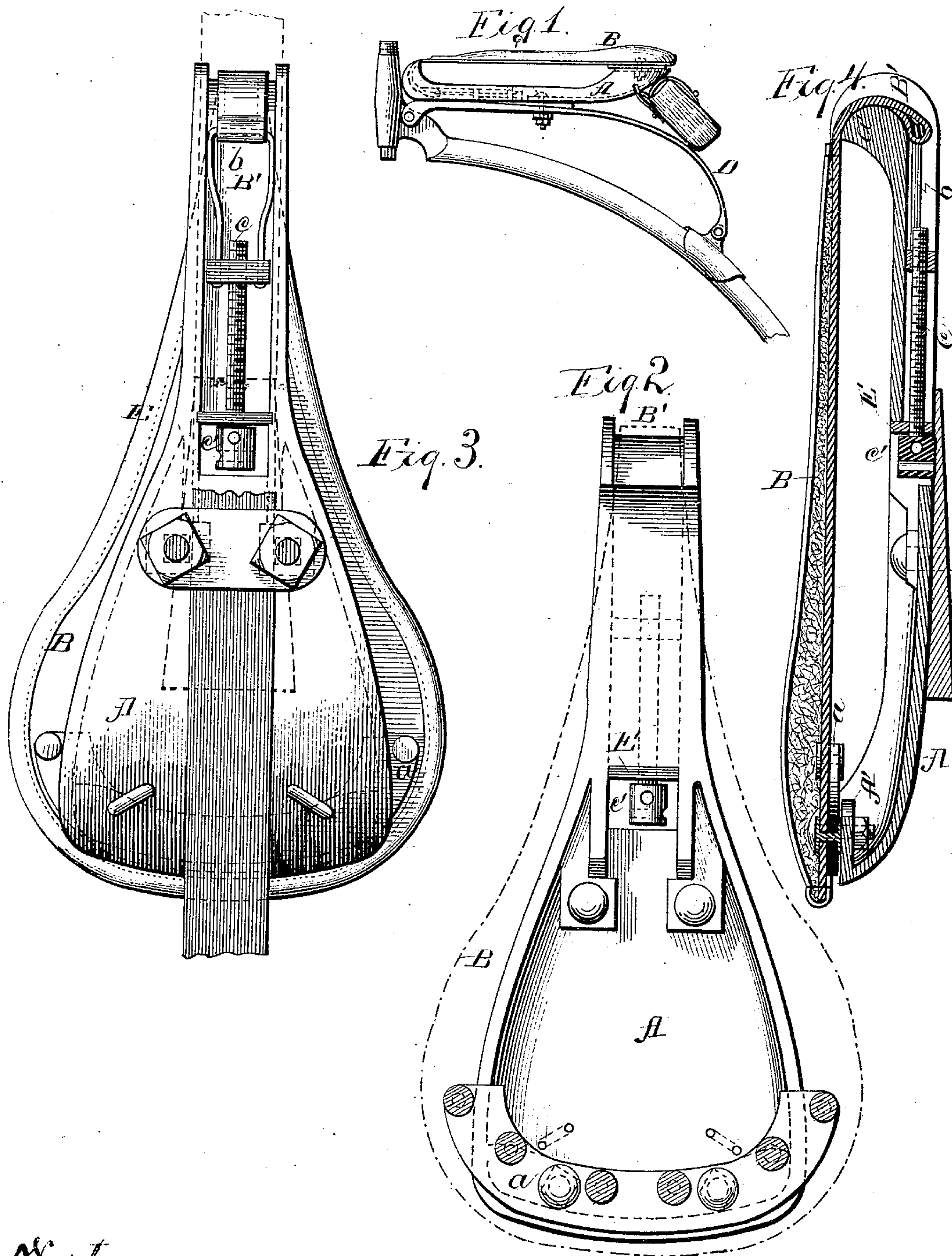
(No Model.)

A. RINTELMAN.

BICYCLE SADDLE.

No. 252,971.

Patented Jan. 31, 1882.



Witnesses:  
Ed Amus  
Henry Harrison

*Inwitness*  
*August Rintelman*  
*By Stout & Underwood,*  
*Attorneys.*

# UNITED STATES PATENT OFFICE.

AUGUST RINTELMAN, OF MILWAUKEE, WISCONSIN.

## BICYCLE-SADDLE.

SPECIFICATION forming part of Letters Patent No. 252,971, dated January 31, 1882.

Application filed October 25, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST RINTELMAN, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Bicycle-Saddles; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to saddles for bicycles, and will be fully described hereinafter.

In the drawings, Figure 1 is a side view of my improved saddle in place on a bicycle. Fig. 2 is a top view of the frame of my saddle with the seat removed. Fig. 3 is a bottom view of my saddle, and Fig. 4 is a longitudinal central section of the same.

A is the saddle-frame, and this I cast usually of metal, preferably of malleable iron, in the form shown in the drawings—that is, hollowed out from above on its rear portion, leaving a flange, A', to receive the seat-plate *a*, and on its front having a groove, B', that extends to about its center on its under side to receive the tongue or strap *a*<sup>2</sup> and turn-buckle *b c*, as will hereinafter be fully set forth.

B is the seat, which I attach by riveting or otherwise to a plate, *a*, at its rear end. The body of the seat is approximately round, has a tongue or strap, *a*', in front, and may be either padded or of plain leather. To the tongue or strap *a*', I attach link *b*, forming one section of a turn-buckle, the screw portion *c* of which passes through a plate, E, that is inserted in grooves at the termination of the hollowed-out portion in the neck of the frame. The section *c* of the turn-buckle has a head, *c*', by which it can be turned to draw the strap over the neck of the frame and tighten the seat.

The plate E serves as an anchor for the head *c*' of the screw *c*, and is slightly wedge-shaped,

so as to fit tightly in grooves in the flanges on each side of the groove B'; but I may, without departing from spirit of my invention, cast this plate in one piece with the seat-frame, and in that case I would make the opening *e* large enough to permit the insertion of the screw *c* up through it from below, whereas with the construction shown I first insert the screw into plate E and then slide the plate into its place. The seat-plate *a* is preferably secured to the seat by rivets, and then it is secured to the flange A' by bolts and nuts; but I may dispense with the plate *a* altogether and attach the seat directly to the flange A'.

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

1. A bicycle-saddle having a frame of cast metal, to the rear end of which the rear portion of the seat is secured, and over the front end of which the tongue of the seat is drawn by a turn-buckle anchored in the lower portion of the frame, as set forth.

2. The seat having a tongue or strap, in combination with the frame having a groove, B', and a turn-buckle anchored in the frame, as set forth.

3. The combination of seat B, having strap *a*, frame having groove B', and anchor-plate E with a turn-buckle, *b c c'*, as set forth.

4. The combination of frame A, having flange A', and the seat having plate *a* secured thereto, with a device for drawing the seat tight over the front of the frame, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of August, 1881.

AUGUST RINTELMAN.

Witnesses:

S. S. STOUT,

HAROLD G. UNDERWOOD.