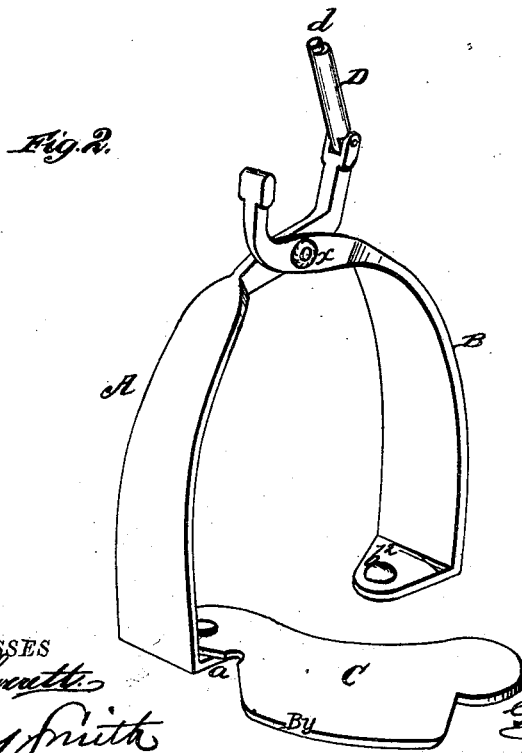
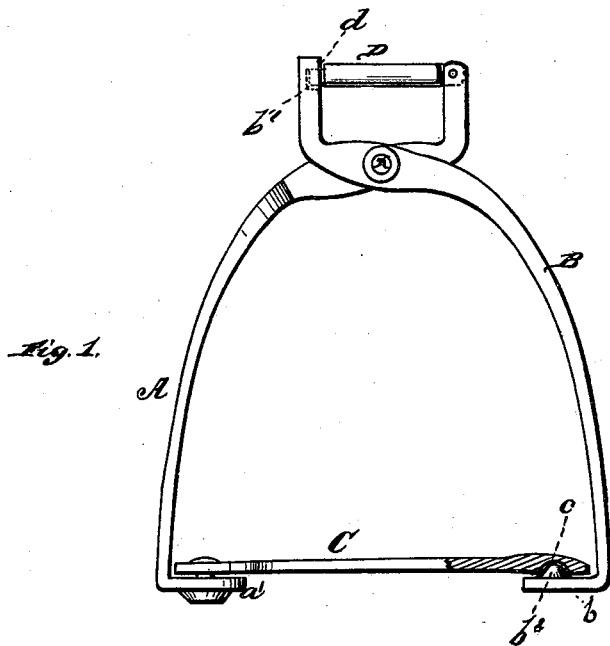


O. HENSLEY.
Stirrups.

No. 211,732.

Patented Jan. 28, 1879.



WITNESSES
Robert Emmett
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INVENTOR,
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ATTORNEYS.

UNITED STATES PATENT OFFICE

ORLANDO HENSLEY, OF KIDDVILLE, KENTUCKY.

IMPROVEMENT IN STIRRUPS.

Specification forming part of Letters Patent No. **211,732**, dated January 23, 1879; application filed November 9, 1878.

To all whom it may concern:

Be it known that I, ORLANDO HENSLEY, of Kiddville, in the county of Clark and State of Kentucky, have invented a new and valuable Improvement in Stirrups; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side elevation, partly in section, of my stirrup, and Fig. 2 is a perspective view, showing the stirrup disengaged.

My invention relates to saddle-stirrups; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth.

In carrying out my invention I employ two side pieces, which are bent so as to cross each other, and being pivoted together at a point near their centers form the upper jaws for leather attachment and lower jaws for foot-receptacle. To the lower end of one of the pieces I pivot the foot-plate, and in the upper end of the same piece I journal the shaft of the strap-bar, which is provided at the other extremity with a tenon. The other side piece has a stud, lug, or other confining means at the lower end, which stud, &c., engages a recess in the foot-plate and holds by a spring force the foot-plate. At the upper end of this latter side piece is a mortise, which receives the tenon on the strap-bar.

Referring to the drawings, A represents one of the side pieces, which is curved and crosses a similarly-formed side piece, B, to which it is loosely pivoted, as shown at *x*.

To an inwardly-projecting flange, *a*, at the lower end of the side piece A is pivoted, at *a'*, a foot-plate, C, which plate is provided at the opposite end with a recess, *c*, as shown. At the upper extremity of the side piece A is loosely pivoted the strap-bar D, which is provided at the opposite end with a tenon, *d*, adapted to engage in a mortise, *b'*, in the side piece B. The lower end of the side piece B has an inwardly-projecting flange, *b*, which has a stud or lug, *b²*, which lug fits in the recess *c*. The foot-plate has spring enough to allow the disengagement of the lug *b²* and recess *c*, but exerts sufficient constant force when engaged to hold them in contact.

In order to disengage my improved stirrup from the leather it is only necessary to raise the recess end of the foot-plate C until the lug and recess are out of connection, and thus swing the said foot-plate C around on its pivot until it is free from the foot of the side piece B. The lower extremities of the side pieces A B then approach each other, and the tenon *d* of the strap-bar D becomes disengaged from the mortise *b'*, and the stirrup has collapsed.

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

The collapsing-stirrup herein described, consisting of the side pieces A B *b'*, the strap-bar D *d*, foot-plate C, recess *c*, lug *b²*, as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ORLANDO HENSLEY.

Witnesses:

J. D. SIMPSON,
JAS. W. PAYNTER.