

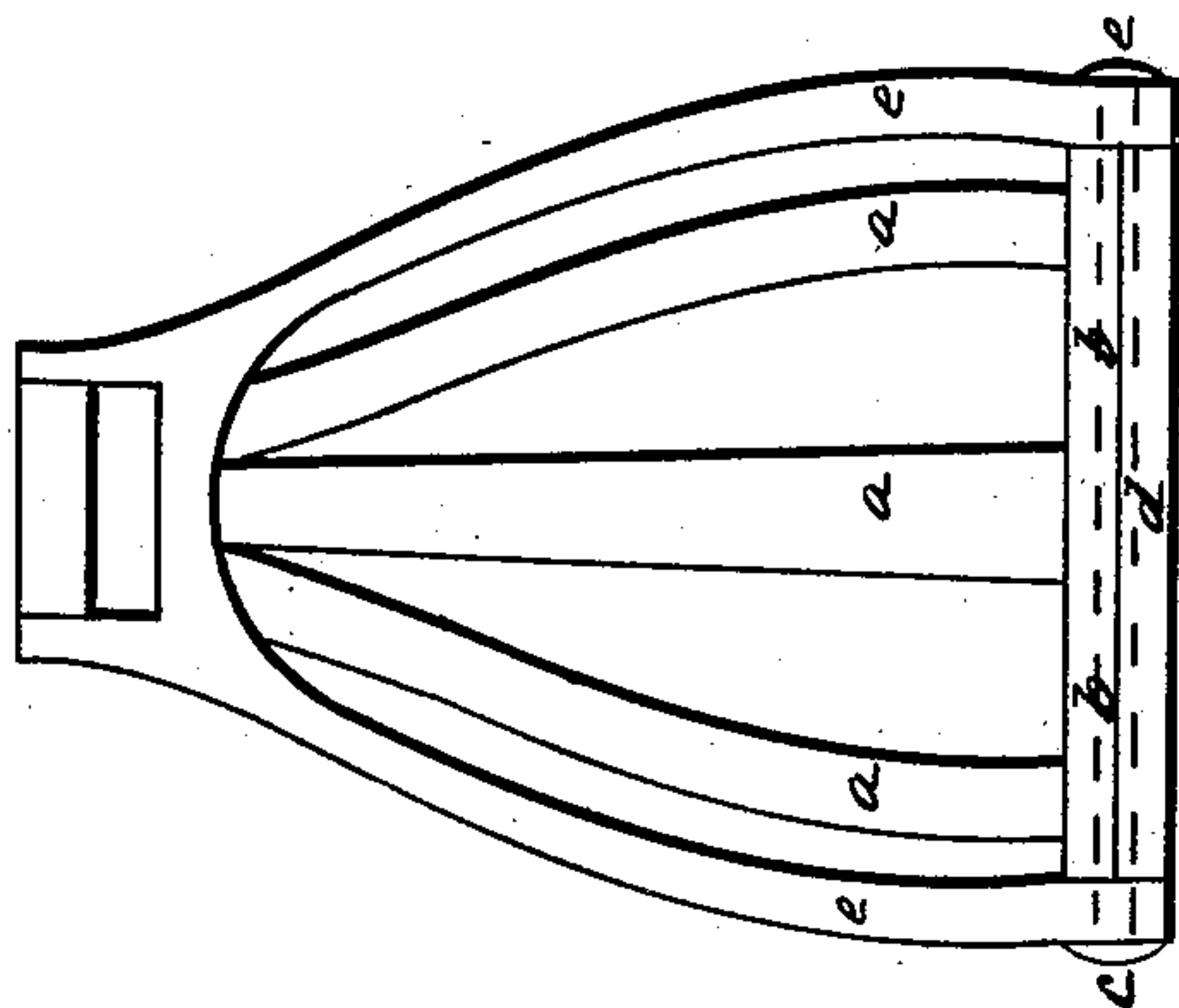
*S. F. Clark,*

*Riding Stirrup.*

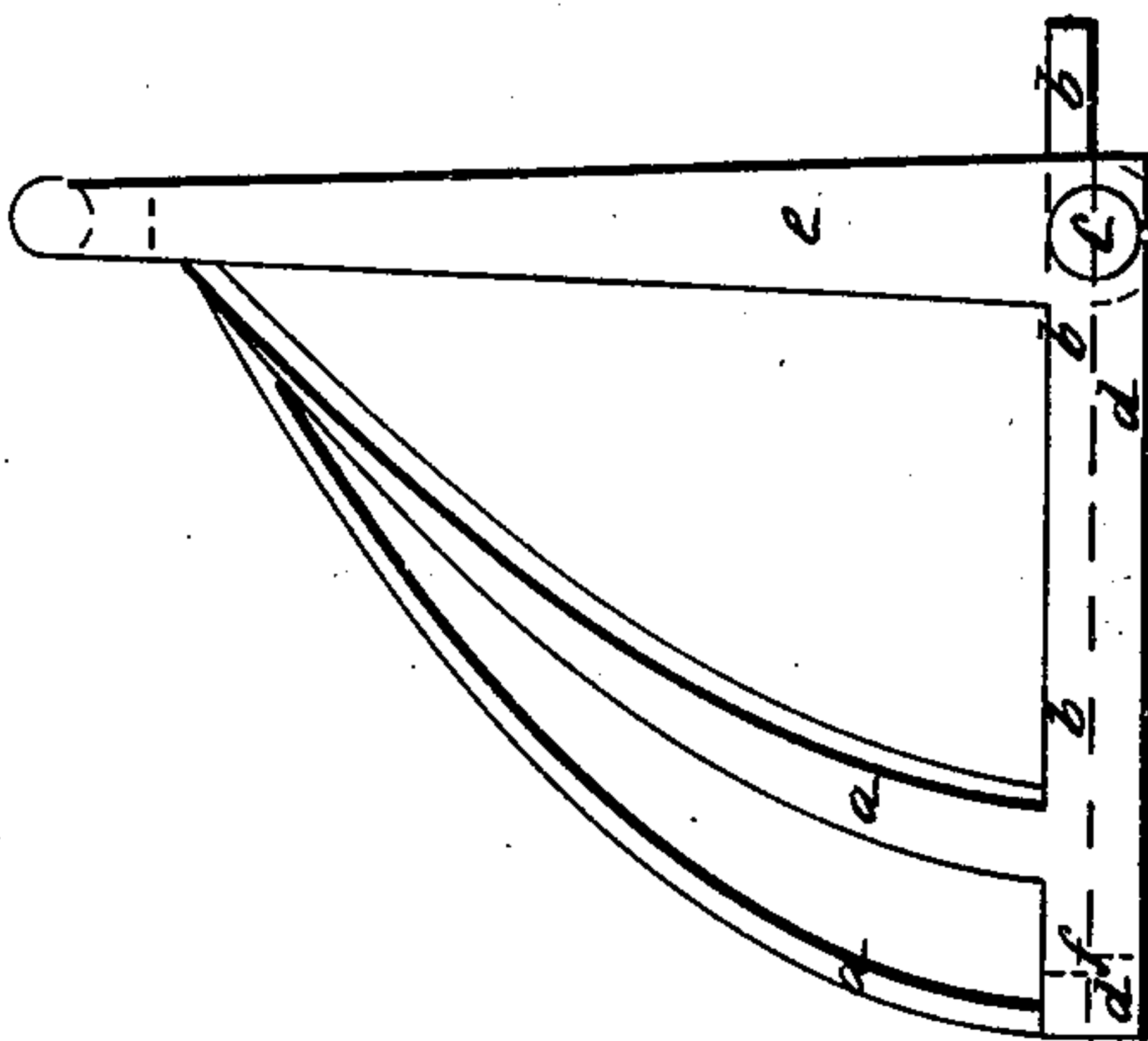
*N<sup>o</sup> 68,604.*

*Patented, Sep. 10, 1867.*

*Fig. 2.*



*Fig. 1.*



*Witnesses:*

*G. A. Brooke.*  
*Thos. C. Ellis.*

*Inventor:*

*Samuel F. Clark.*

# United States Patent Office.

SAMUEL F. CLARK, OF MIDDLETOWN, CONNECTICUT.

*Letters Patent No. 68,604, dated September 10, 1867.*

## IMPROVED SAFETY-STIRRUP.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, SAMUEL F. CLARK, of Middletown, in the county of Middlesex, and State of Connecticut, have invented a new and useful Safety-Stirrup; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a side view of the stirrup.

Figure 2 is a rear view of the same.

Like letters refer to similar parts in the several figures.

My invention consists in furnishing the front part of the stirrup with bars, *a a a*, which are so arranged as to prevent the foot by any possibility being pushed in so far as to get caught in the stirrup, and also in providing a sole, *b*, to the stirrup with a pivot or hinge, *c*, so that it can accommodate itself to the position of the foot. The bars *a a a*, of which there may be three or more, are attached to the top of the stirrup and to a horizontal band, *d*, connected at its rear ends with the upright sides *e*. This band *d* passes outside of the sole *b*, and is furnished with a projecting ledge or shelf, *f*, to receive the edge of the sole *b* and stop its farther motion downward. This prevents any opening through the bottom of the stirrup into which the foot might slip. The sole *b* is made separate from the frame of the stirrup, and is jointed to it by the hinge-joints *c*. It can turn upwards as far as desired, but is stopped when pressed downwards by the shelf or stop *f*. It is so constructed in connection with the frame of the stirrup that when in use the forward end will be elevated somewhat above the position shown in the drawings, so that it will turn easily with the motion of the foot.

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

1. The combination of the bars *a* with the horizontal band *d* and the upright part *e*, substantially as described.
2. The combination of the pivoted sole *b* with the band *d* and sides *e*, substantially as described.
3. The combination of the bars *a*, the band *d*, the sole *b*, and the upright sides *e*, the whole forming a safety-stirrup substantially as herein described.

Witnesses:

B. A. COOKE,  
THEO. G. ELLIS.

SAMUEL F. CLARK.