

(No Model.)

S. A. NOLEN.

SADDLE STIRRUP.

No. 295,129.

Patented Mar. 11, 1884.

Fig. 1.

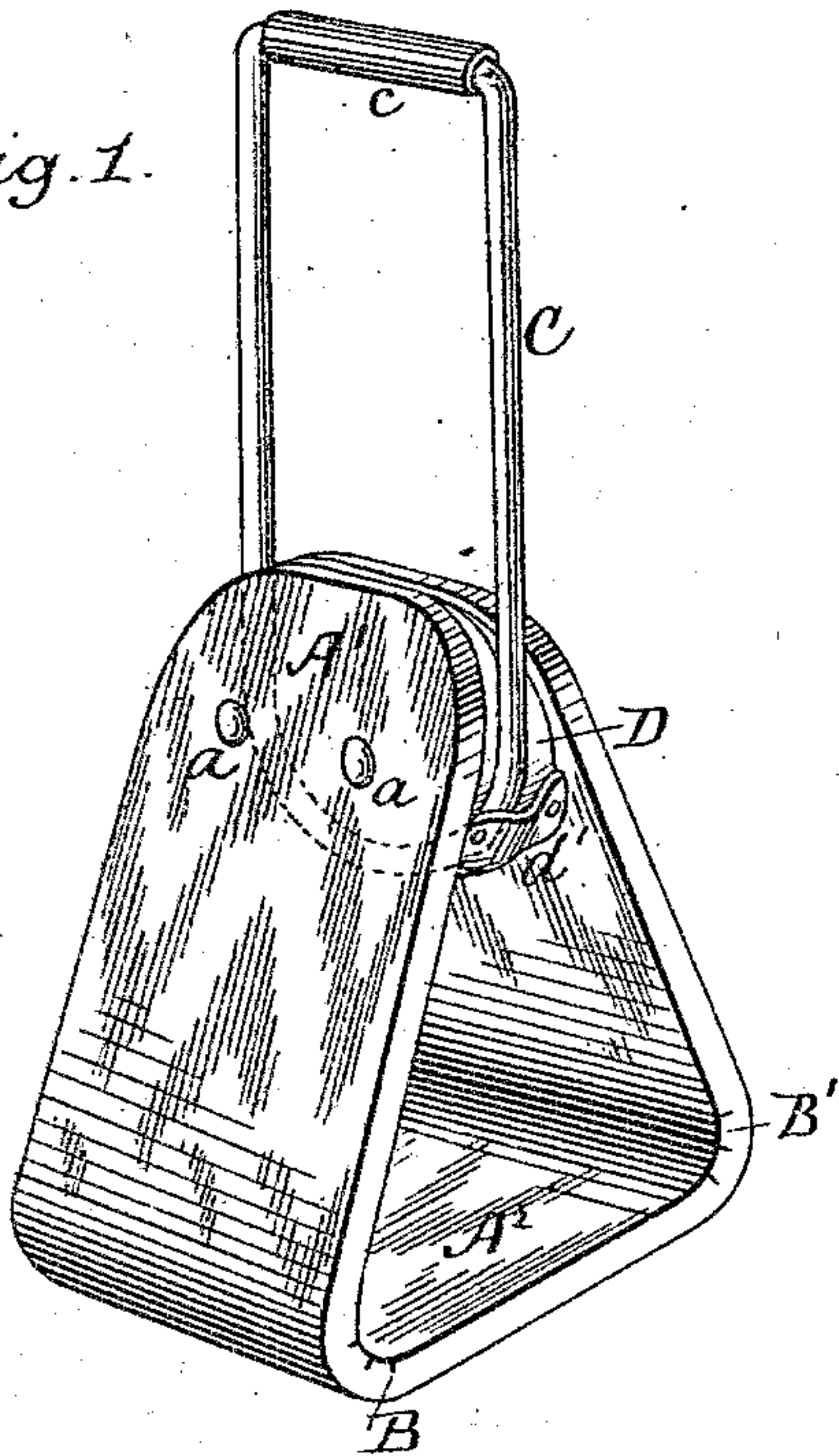


Fig. 2.

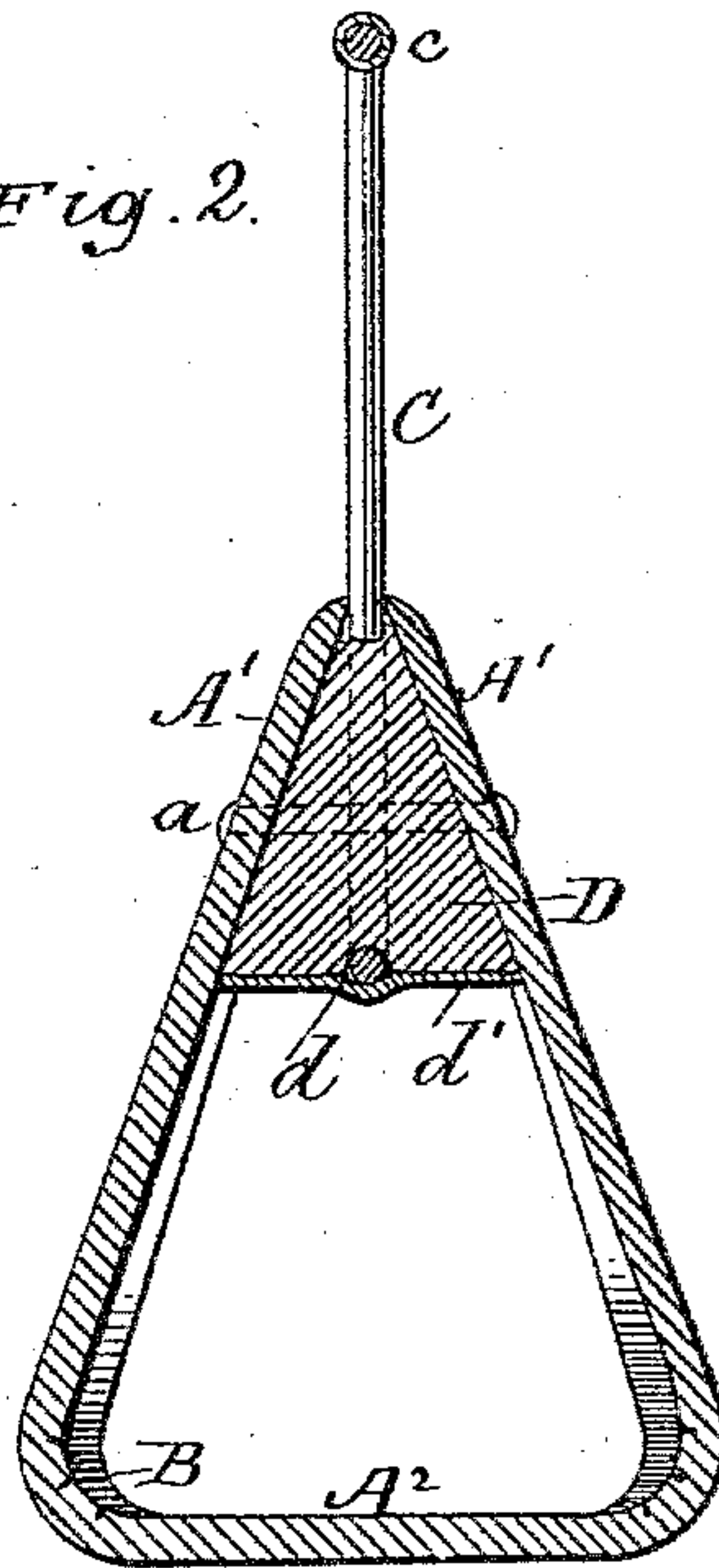


Fig. 3.

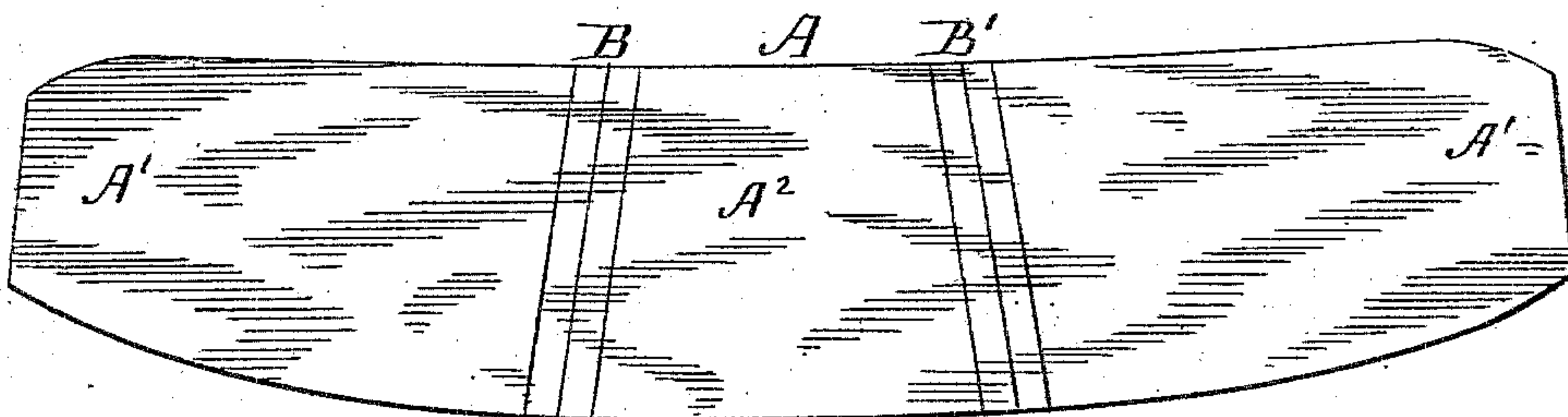
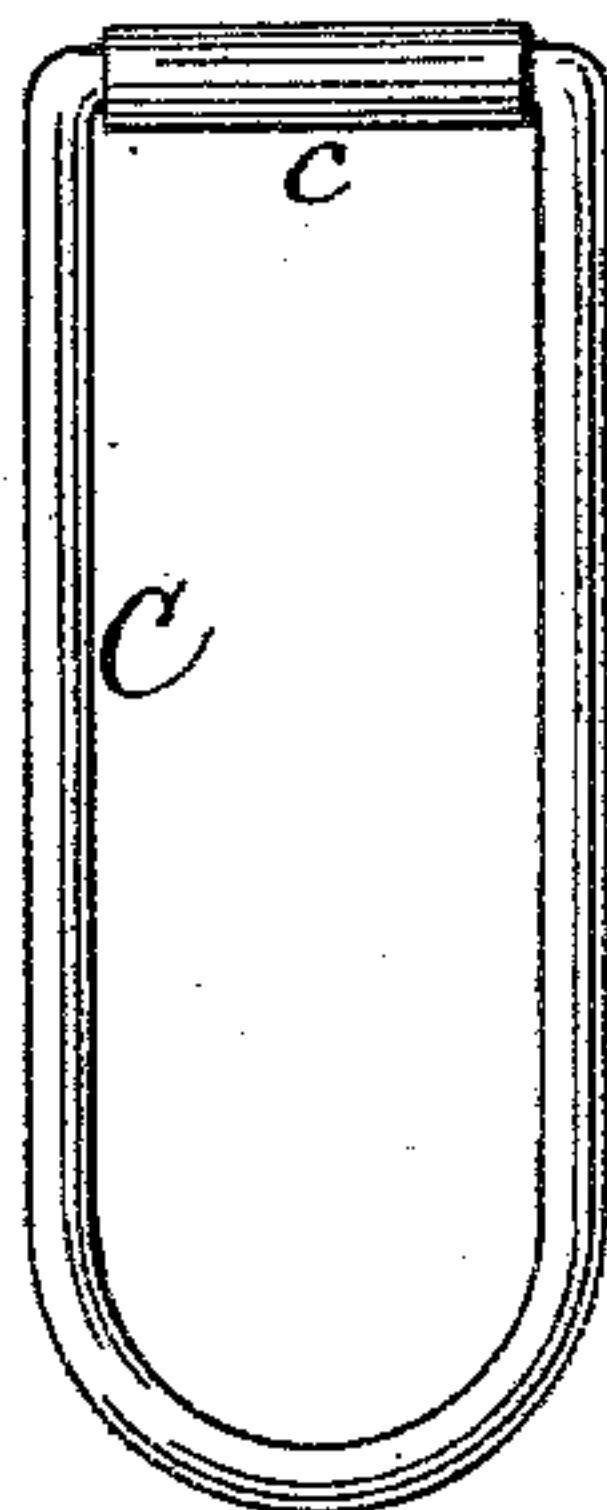


Fig. 4.



Witnesses:
L. C. Hills
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UNITED STATES PATENT OFFICE.

STEPHEN A. NOLEN, OF SEARCY, ARKANSAS.

SADDLE-STIRRUP.

SPECIFICATION forming part of Letters Patent No. 295,129, dated March 11, 1884.

Application filed December 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN A. NOLEN, a citizen of the United States, residing at Searcy, in the county of White and State of Arkansas, have invented certain new and useful Improvements in Saddle-Stirrups, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a perspective view of the stirrup and its supporting-link. Fig. 2 is a vertical transverse section of the same. Fig. 3 is a plan view of the wooden strip used to form the bottom and sides of the stirrup. Fig. 4 is a view of the stirrup-link.

My invention relates to that class of saddle-stirrups which are composed of wood bent into the requisite form to receive the feet of the rider, and which are generally suspended from a leather strap secured to the saddle; and the objects of my improvement are to furnish a bent wooden strip narrower at one end than at the other, and provided with saw-kerfs converging toward the narrower end, and to suspend the same from a wire link passing under a grooved block uniting the ends of the wooden strip in such a stirrup. I attain these objects by the construction illustrated in the accompanying drawings, in which similar letters refer to similar parts throughout the several views.

The stirrup is formed of a thin strip, A, of hard wood of the requisite length, so that when bent at the transverse lines B B' its ends A' will come nearly together. The lines B B' represent a series of shallow saw-kerf grooves, generally made with a fine saw, to facilitate the bending of the wood strip along these lines. Each series of transverse grooves heretofore provided for this purpose have been made parallel to each other, and the width of the stirrup was the same throughout its length, allowing the boot of the user to enter too far therein. My object is to remedy this defect by having the series of grooves B converging toward the grooves B', so that the sole A² of the stirrup is narrower at the front than at the rear, and, by thus conforming it to the or-

dinary form given to boots, prevent the latter from entering too far within the stirrup.

To dispense with one-half or more of the length of the leather strap connecting the stirrup to the saddle, and protect said strap as much as possible from gritty sand, mud, &c., that rapidly wear the ordinary leather strap, I provide the stirrup with a long wire link, C, four to eight inches long, (more or less,) one end of which is made to pass under and along the sides of the wooden block D, secured to the ends A' of the stirrup-strip by means of rivets a, passing transversely therethrough. The bottom of the block D is centrally grooved at d, to receive the lower end of the link C and prevent its lateral displacement, and as an additional security against said displacement a small patch, d', of leather is nailed to the under side of the block D. The upper end of the link C is rectangular, and carries a roller, e, around which is passed the strap that connects said link and the stirrup to the saddle.

I am aware that the sole portion of stirrups constructed of metal has been made narrower at the front than at the rear, and that square buckle-links have been attached to the upper surface of stirrups, and I do not claim stirrups thus constructed.

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

1. A bent wooden stirrup narrower at one end than at the other, and provided with saw-kerfs B and B', converging toward the narrower end, substantially as and for the purpose described.

2. A wooden stirrup narrower at one end than at the other, composed of a bent strip provided with saw-kerfs B and B', converging toward the narrower end, in combination with the grooved block D and the wire link C, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

STEPHEN A. NOLEN.

Witnesses:

R. T. JUDGE,
M. G. PETTY.