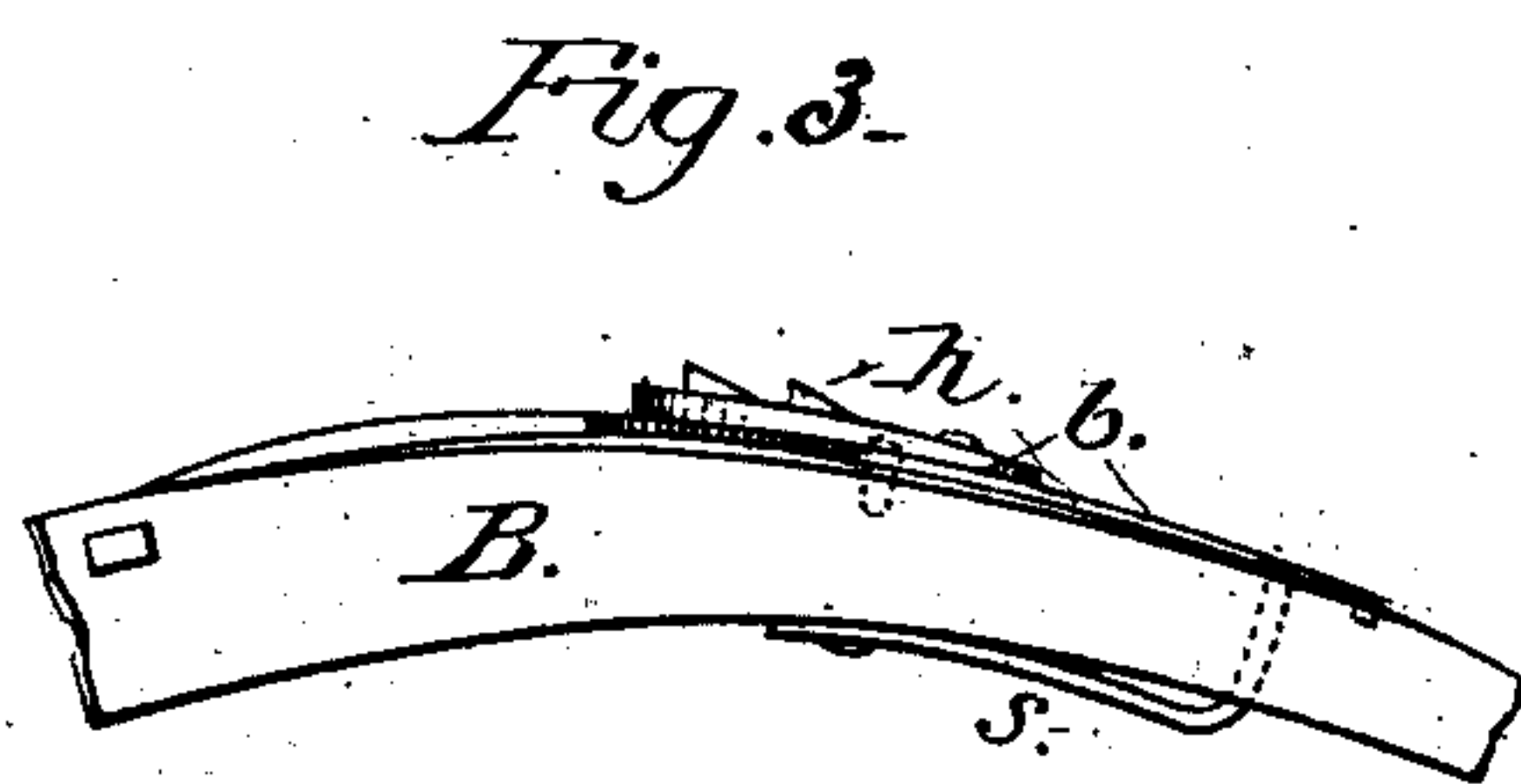
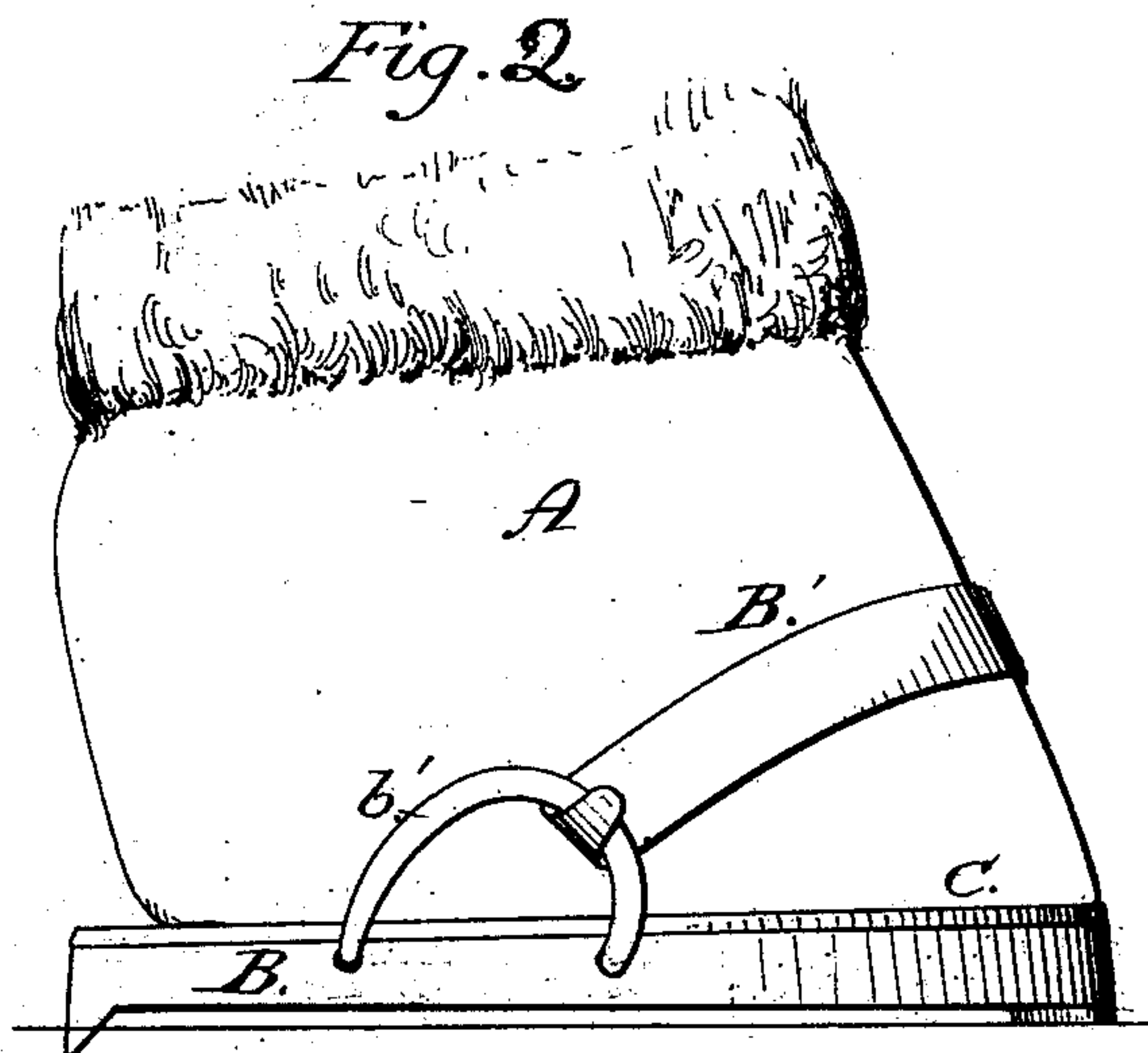
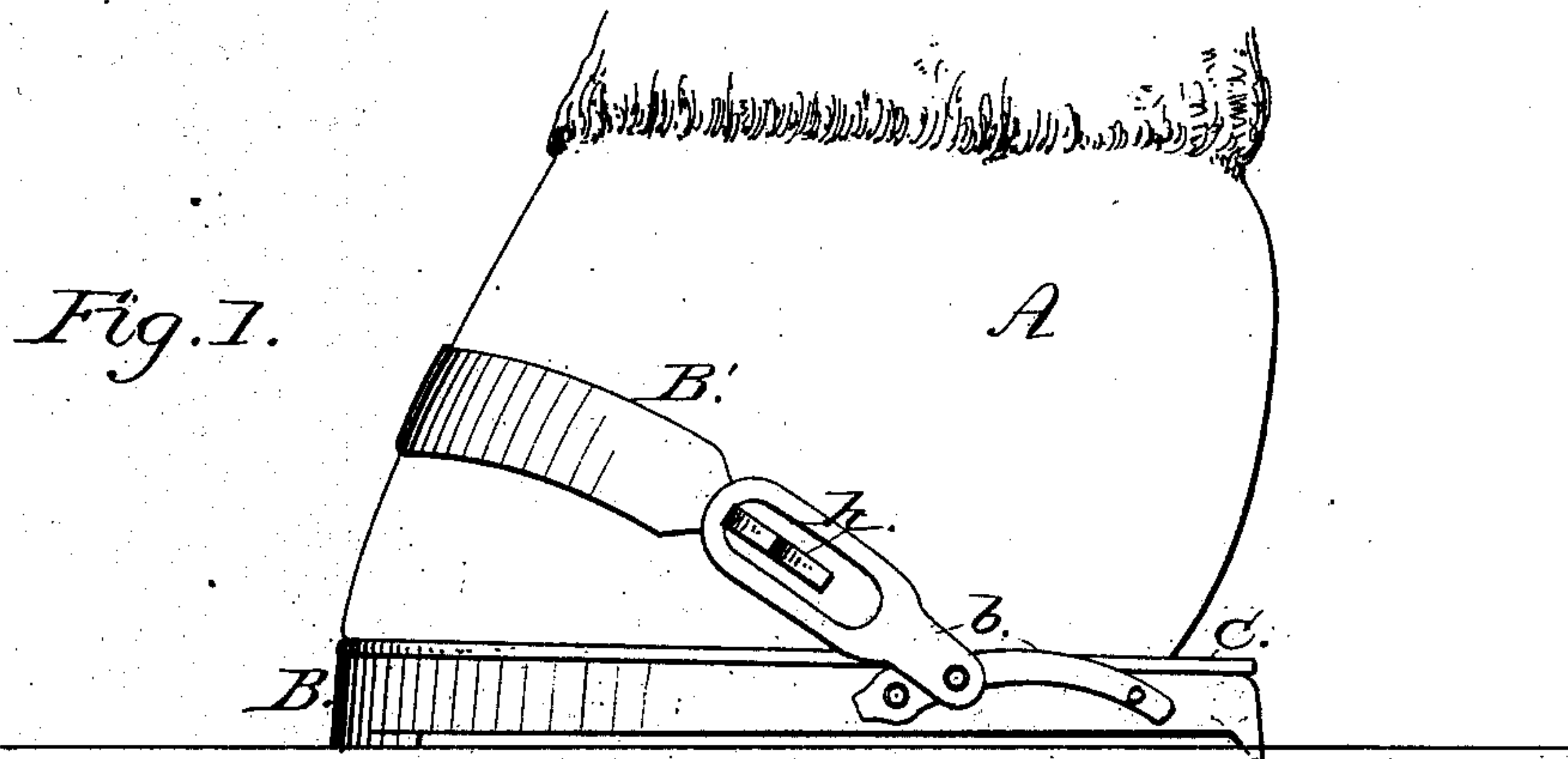


(No Model.)

W. P. TINSLEY.
Horseshoe.

No. 237,144.

Patented Feb. 1, 1881.



Witnesses:
Edw. M. Down
James J. Linton

Inventor:
W. P. Tinsley
By *J. N. Kael*
Atty

UNITED STATES PATENT OFFICE.

WILLIAM P. TINSLEY, OF DALLASBURG, KENTUCKY.

HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 237,144, dated February 1, 1881.

Application filed June 18, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM POLLOCK TINSLEY, of Dallasburg, in the county of Owen and State of Kentucky, have invented certain
5 new and useful Improvements in Horseshoes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use
10 the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to horseshoes which have a clamp upon the top of the hoof to dispense with the use of all but a couple of nails, and, by having a cushion between the shoe and the hoof, prevent jars and shocks.

The object of my invention is to provide a shoe which can be used upon horses with extremely tender feet, and to a great extent dispense with the use of nails in shoeing.

In carrying out this invention I pass a band or clamp across the front of the hoof and attach it to both sides of the shoe proper. The
25 attachment may be made to the heel of the shoe, as will be hereinafter shown. At one side it is attached to the shoe through the medium of a staple with turned points, which are inserted in holes in the side of the shoe. On
30 the other side it is fastened, by means of several hooks, to a link which is movably attached to the shoe by means of a spring and lever. Between the shoe and hoof is placed a rubber cushion, to prevent jars and shocks. The
35 band or clamp is attached to the shoe near or at the ends of the shoe, in order to dispense with the use of nails at this point where the walls of the hoof are thinnest and most susceptible to jars and shocks.

40 In the accompanying drawings, Figure 1 is a side elevation, showing the arrangement of the link, hooks, and lever. Fig. 2 is a view of the opposite side of the hoof, showing the

connection by means of the staple. Fig. 3 is a detail of lever and spring.

Similar letters of reference indicate like
45 parts in all the figures.

A is the hoof upon which the shoe is to be placed. B is the shoe. B' is the band or clamp attached at one side to the shoe by the
50 staple *b'*, which has bent ends which enter suitably-inclined holes in the side of the shoe. The band passes over the hoof, and at its other end is provided with several hooks, which engage with the link *h*, so as to be adjustable
55 to any hoof. The link *h* is attached to the lever *b*, which is pivoted to the side of the shoe in front of the link. A spring, S, is placed upon the inner side of the shoe, opposite the lever, and runs backward with the lever, and
60 one end of said spring passes through the shoe and the lever on the opposite side, and is held there by the elasticity of the spring. This holds the lever in place and secure against any
ordinary knocks or usage.

When it is desired to remove the shoe, the spring is withdrawn and the lever released. The band is thereby loosened, and the shoe will fall off. I may use a nail or two in front of the shoe. In such a case the nails will neces-
70 sarily have to be taken out before the shoe can be removed.

C is the rubber cushion. This cushion is preferably made of three parts, to receive the hoof at the heels and front.

Having thus described my invention, I desire to claim—

The combination of the band B', link *h*, lever *b*, spring S, and staple *b'*, as set forth.

In testimony that I claim the foregoing as
80 my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM POLLOCK TINSLEY.

Witnesses:

THOMAS JOHNSTON,

JOHN BRECKENRIDGE GARDNER.