

(No Model.)

J. L. HEFFERNAN.
SECURING DEVICE FOR OVERSHOES.

No. 438,923.

Patented Oct. 21, 1890.

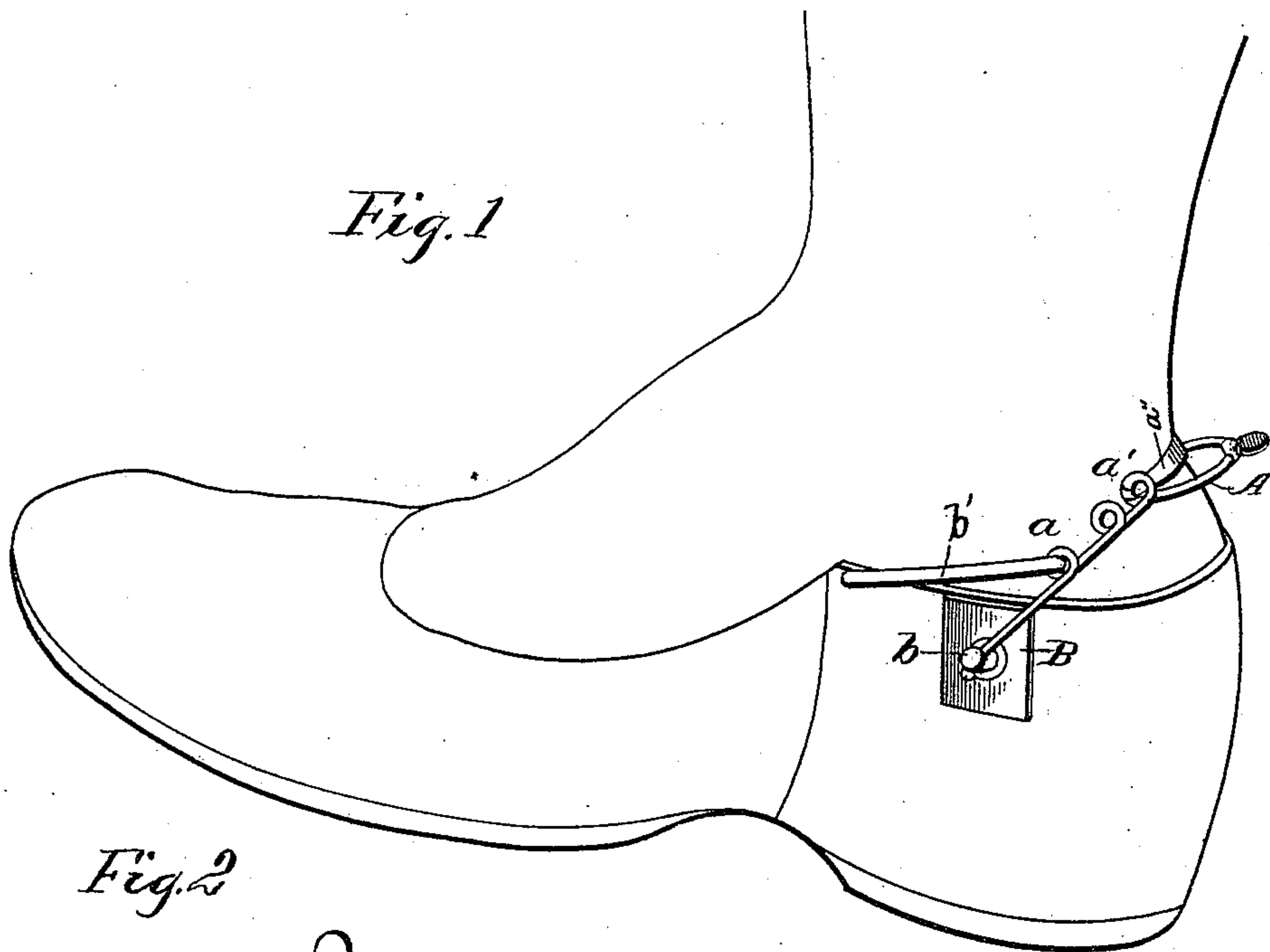


Fig. 2

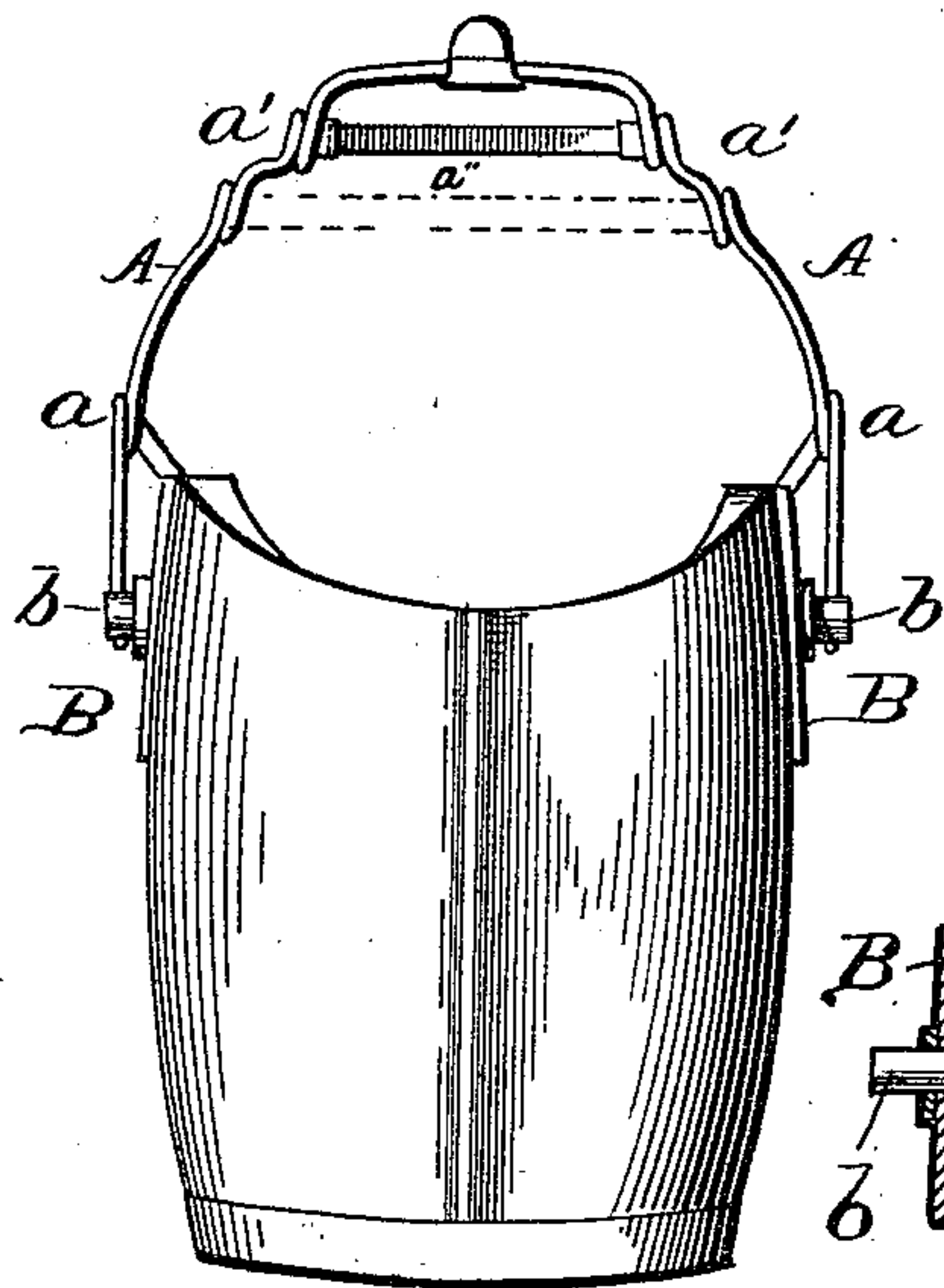
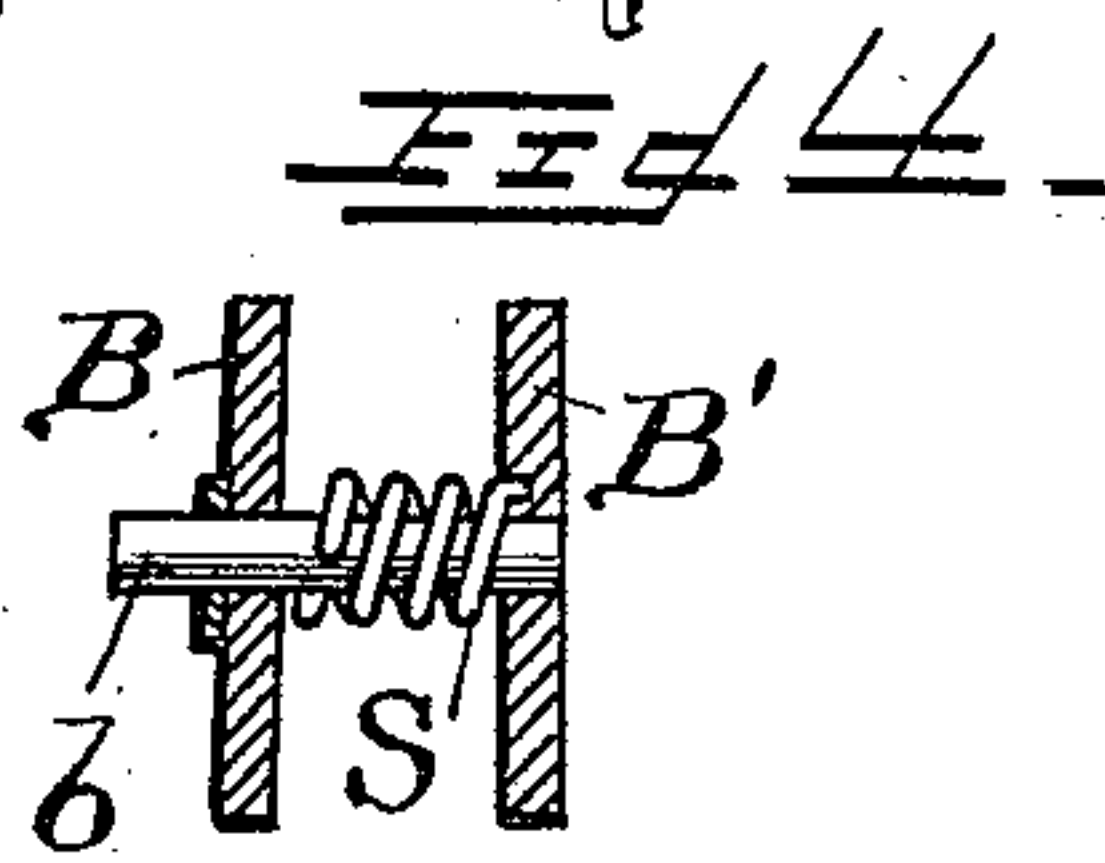
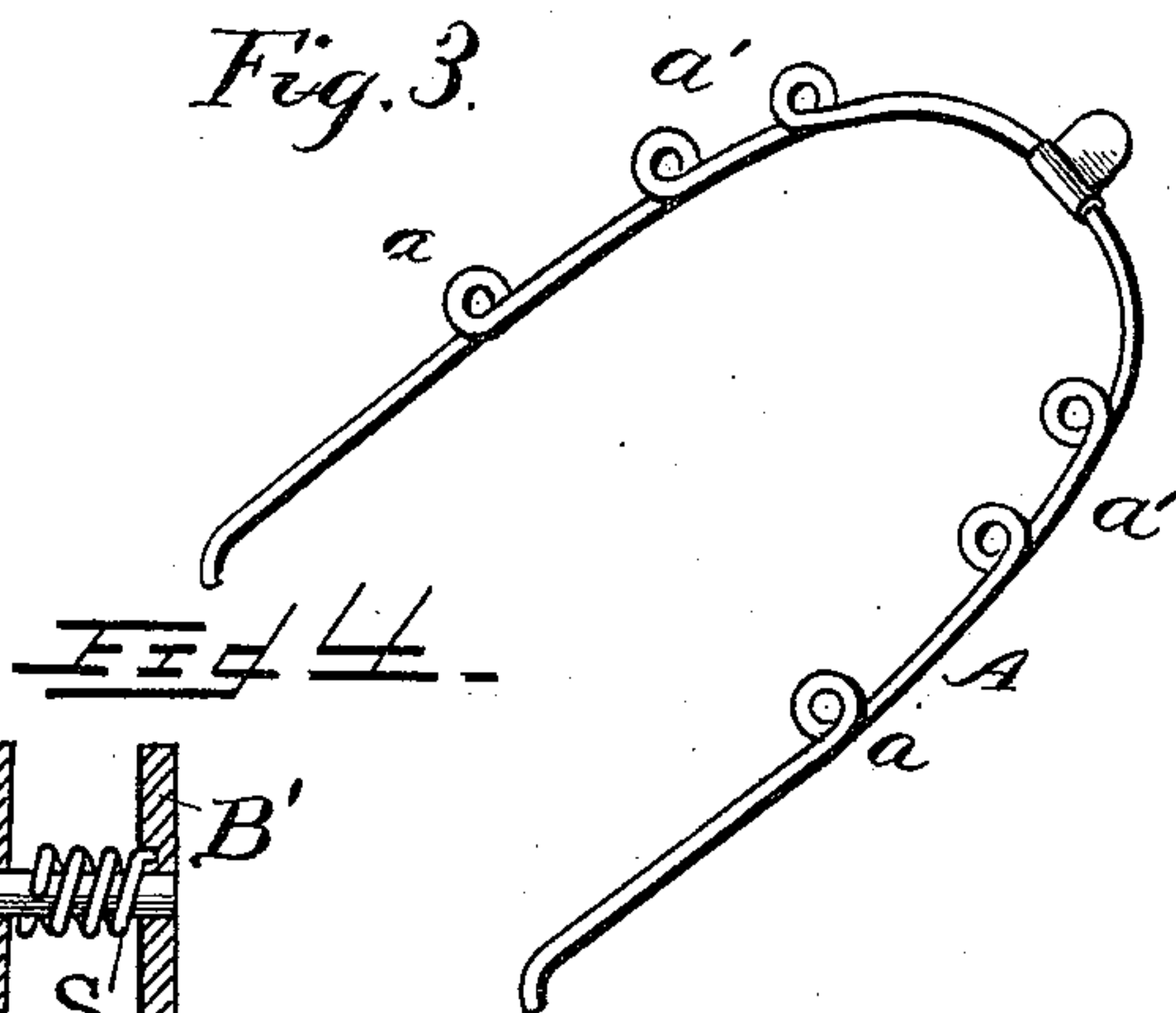


Fig. 3



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WITNESSES.

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SECURING DEVICE FOR OVERSHOES.

SPECIFICATION forming part of Letters Patent No. 438,923, dated October 21, 1890.

Application filed February 13, 1890. Serial No. 340,244. (No model.)

To all whom it may concern:

Be it known that I, JAMES LOUIS HEFFERNAN, a citizen of the United States, residing at Newcomb, in the county of Campbell and State of Tennessee, have invented certain new and useful Improvements in a Securing Device for Overshoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain novel features involved in the construction of a securing device for overshoes, which I will describe in the following specification and illustrate in the accompanying drawings, in which—

Figure 1 is a perspective view of my invention as applied to use. Fig. 2 is a rear elevation of the device attached to the overshoe. Fig. 3 is a securing-loop detached from the other parts, and Fig. 4 is a sectional view showing the outer and inner plates B and B' and the spring which actuates the axle b.

Referring in detail to the separate parts of my invention, A is the securing-loop, which is preferably made of a piece of wire so bent as to conform to the contour of the counter of the shoe proper, while the free ends of the loop thus formed are pivotally secured to the overshoe, as will be hereinafter described. To each outer side of the overshoe I attach plates B B', each having a duplicate B', which is placed directly opposite its original on the inside of the overshoe. Extending through these plates are pivotally secured the movable axles b, the outer ends of which project out sufficiently far to receive the ends of the loop A, which pass through apertures in the outer ends of the said spindles or axles. These axles are encircled each by a spiral spring S, which is arranged between the outer and inner plates B and B', the inner end of each spring being secured to the inner plate B', while its outer end is secured to the axle b, as shown in Fig. 4. These springs are each coiled to the left, and it will be seen that they will act upon the axles so as to have a tendency to throw the loop A down and backward in a position parallel with the body of the overshoe.

The loop A, as shown in Fig. 3, is provided with a series of small loops or rings, the lower end of which is for the purpose of forming a point of attachment for the elastic band b', which is arranged to reach forward and be secured to the overshoe on both sides of the same. These elastic bands are sufficiently strong to overcome the backward tension of the spiral springs within the plates B B', thereby causing the loop to reach forward and upward over the counter of the shoe proper. It will thus be seen that when the loop A is brought backward and downward out of contact with the counter of the shoe and on a line parallel with the sole of the overshoe the bands b' will pass the center of the axles b, and when so passed will act in conjunction with the spiral spring between the plates and will throw the loop downward, as will be readily understood.

The series of rings a' a' are for the purpose of attaching thereto the elastic band a'', thus enabling the loop to be adjusted to the varying heights of counters.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a securing device for overshoes, the loop A, provided with a series of rings a and a' a', the axles b b, pivotally secured within the plates B B' and actuated by a suitably-arranged spring within said plates, and the elastic band b', secured to the loop A and the overshoe, as described.

2. In a securing device for overshoes, the combination of the loop A, provided with a series of rings a and a', the outer and inner plates B and B', the movable axles b, the spiral springs S, arranged as described, the elastic band b', secured to the loop A and overshoe, and the elastic adjusting-band a'', substantially as and for the purpose set forth.

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

JAS. LOUIS HEFFERNAN.

Witnesses:

JAS. JOS. MARS,
ELIAS DOUGLASS.