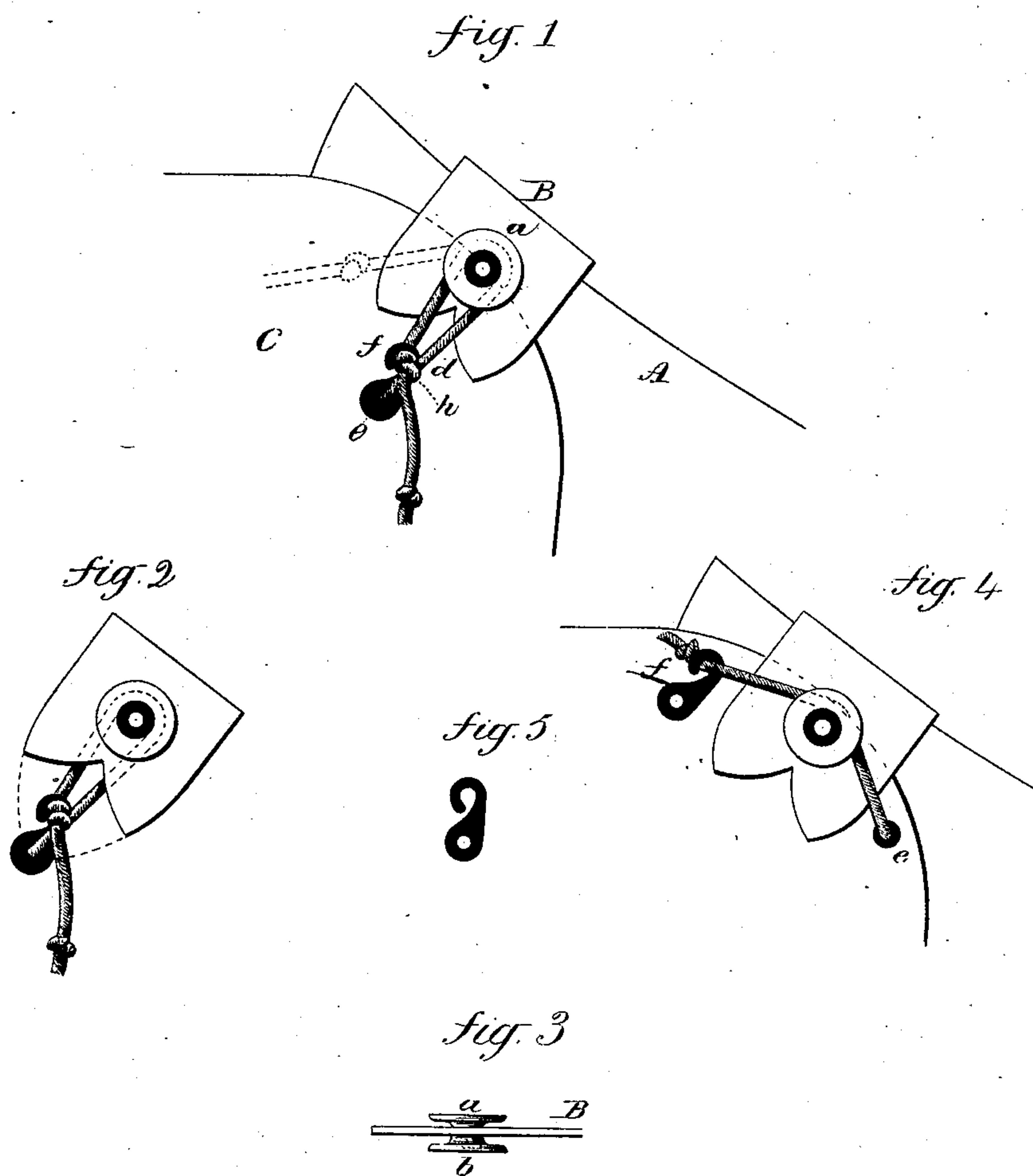


(No Model.)

J. L. JOYCE.
OVERSHOE FASTENING.

No. 256,003.

Patented Apr. 4, 1882.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOSEPH L. JOYCE, OF NEW HAVEN, CONNECTICUT.

OVERSHOE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 256,003, dated April 4, 1882.

Application filed February 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH L. JOYCE, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Overshoe-Fastenings; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view, showing the shoe-fastening on the outside of the strap; Fig. 2, the same fastening on the inside of the strap; Fig. 3, an edge view of the strap; Fig. 4, a modification; Fig. 5, the hook detached.

This invention relates to an improvement in devices for fastening that class of overshoes known to the trade as "arctics"—that is, shoes the uppers of which are composed of fabric made water-proof by the interposition of rubber between the outer and the lining, and such as are cut brogan shape and fastened across the instep.

In the usual construction of this class of overshoes a buckle has been attached to one side of the quarter, with which a strap from the other side passing over the instep would be interlaced. The strap is of the same material as the upper, and owing to its peculiar texture it is more rigid than leather, and does not readily hold in the buckle, so that serious inconvenience is experienced by the wearers of this shoe by the strap becoming disengaged from the buckle.

The object of this invention is to overcome this difficulty in this otherwise desirable class of overshoes; and it consists in providing the strap with a button or necked stud upon one or both sides of the strap, with a cord attached by one end to the other part of the quarter, and so as to be passed around the button on the strap and then drawn into engagement with a fastening on the quarter to which the cord is attached, as more fully hereinafter described.

A represents the vamp, B the strap attached to one quarter coming over the instep, and C the other quarter, all of substantially the usual form of this class of overshoes.

Near the end of the strap I attach a button or necked stud, *a*, preferably one upon the outer,

and a second, *b*, upon the inside, the two secured together by an eyelet or rivet passing through the two buttons and the strap, and as seen in Fig. 3.

To the part C of the quarter I attach one end of a cord, *d*, as at *e*, leaving the cord free from its point of attachment, and I also provide that part of the quarter with a hook, *f*, (shown detached in Fig. 5, in perspective,) the mouth of the hook so as to permit the cord to be passed within it.

To fasten the shoe, pass the cord around the button on the strap, as indicated in broken lines, Fig. 1, and when drawn sufficiently taut bring the cord down into engagement with the hook, the cord being provided with stops *h*, here represented as a knot in the cord, which is larger than the hook, and so that when released will catch and hold in the hook, so as to secure the strap, as seen in Fig. 1. To unfasten the shoe, simply draw the cord from the hook, then leave it free. The button will disengage itself therefrom.

The engagement of the cord with the button may be made either upon the outside, as seen in Fig. 1, or inside of the strap, as seen in Fig. 2, the double button providing for such engagement. If upon the inside, the end of the strap may extend over so as to cover the cord, as indicated in broken lines, Fig. 2.

In Figs. 1 and 2 I have illustrated the hook as constructed so that the cord will pass from the inside of the quarter through the shank of the hook, which arrangement I prefer; but it may be as seen in Fig. 4—the cord attached at one side and the hook upon the opposite side.

I claim—

1. The herein-described improvement in fastenings for arctic overshoes, consisting in the strap extending from the quarter at one side over the instep, provided with a button, combined with a cord attached by one end to the other quarter, and the hook with which the said cord may be engaged after having been passed around the button to draw the quarters together, substantially as described.

2. The herein-described improvement in fastenings for arctic overshoes, consisting in the strap extending from the quarter at one side over the instep, provided with a button upon

both the out and insides of the strap, combined with a cord attached by one end to the other quarter, and the hook with which the said cord may be engaged after having been passed
5 around the button to draw the quarters together, substantially as described.

3. The herein-described improvement in fastenings for arctic overshoes, consisting in the strap extending from the quarter at one side
10 over the instep, provided with a button, com-

bined with a hook attached to the other quarter, and a cord one end of which is secured to the quarter through the shank of the hook, the other provided with a stop to engage with the hook after the cord has been passed around the
15 button on the strap, substantially as described.

JOS. L. JOYCE.

Witnesses:

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