J. C. Loveland,

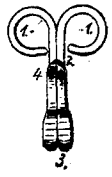
Hook.

No. 30683. Patented. Nov. 20 1860.

Fig 1.



Fig 2.



Witnesses

J. C. Loveland

H. C. Whitmore

B. F. Dana

UNITED STATES PATENT OFFICE.

J. C. LOVELAND, OF SPRINGFIELD, VERMONT.

SPRING-HOOK FOR CLOTHING.

Specification of Letters Patent No. 30,683, dated November 20, 1860.

To all whom it may concern:

Be it known that I, J. C. LOVELAND, of Springfield, in the county of Windsor and State of Vermont, have invented, made, and applied to use a certain new and useful Improvement in Spring-Hooks for Clothing; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1, is a side elevation of said hook in about three times the dimensions of the actual article, and Fig. 2, is a front view of said hook in an enlarged scale corresponding with Fig. 1.

The same marks of reference indicate corresponding parts.

I am aware that in hooks for ladies' and children's clothing a spring has been employed to close the hook and prevent unhooking until said spring is depressed. This operation of depressing said spring simultaneously with the operation of unhooking is difficult, particularly where the hook is on any portion of clothing where the person cannot easily see the hook in the act of unhooking.

The nature of my said invention consists in a hook constructed in a peculiar manner with a spring point which yields for the passage of the eye or loop in hooking, retains said eye or loop sufficiently to prevent the same unhooking by the ordinary movements of the body, and springs as the eye or loop is pressed through the hook in the act of unhooking by hand.

In the drawing 1, 1, are the bows of the hook by which it is attached to the garment.

2 is the shank formed by the double wires as usual. The wire is bent as at 3, into an acute angle and then flattened between said bend and the point 4, so that the point becomes a spring, and when the eye or loop passes between the shank 2, and point 4, in hooking or unhooking the said point is pressed away from the shank and springs back again so as to touch, or nearly touch the shank 2. The strain from the eye or loop, it will be evident, does not come upon the flattened spring part of the hook, to tend to bend the same, but it comes upon the wire in the acute angle formed between the point and shank where the hook is stiff and strong. The springing of the point will prevent the garment becoming unhooked when in use by the ordinary movements of the body.

I do not claim broadly a hook formed with a spring point as the hooks of guard chains have been formed to spring but

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

The spring hook for clothing formed as specified with the springing point 4, for the purposes and as set forth.

In witness whereof I have hereunto set my signature this twenty sixth day of October 1860.

J. C. LOVELAND.

Witnesses:
H. WHITMORE,
B. F. DANA.