

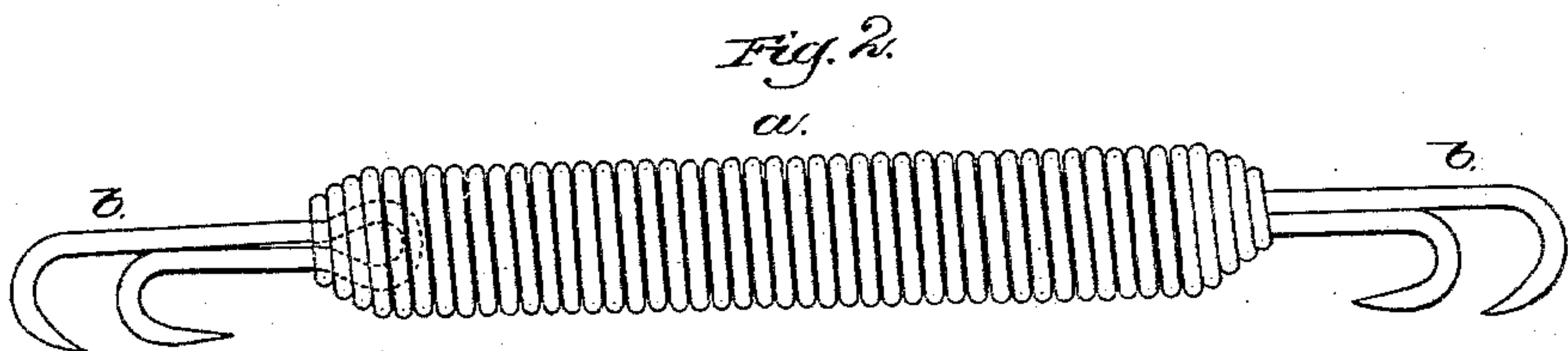
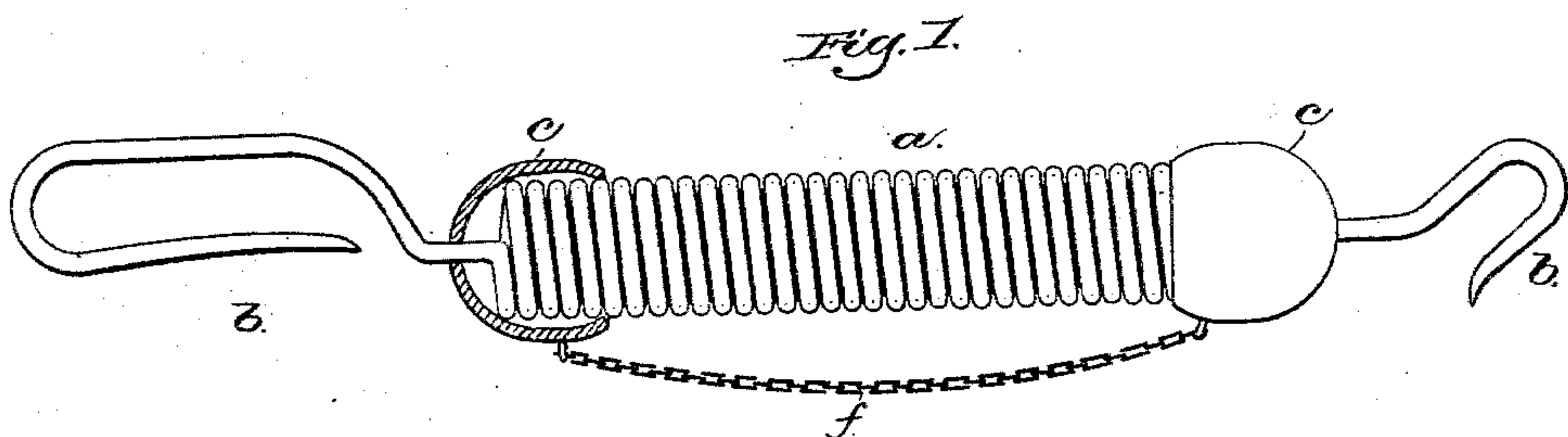
(No Model.)

W. D. C. PATTYSON.

CLASP OR HOLDING DEVICE FOR WEARING APPAREL.

No. 315,959.

Patented Apr. 14, 1885.



Witnesses.

John F. C. Prinkert
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Inventor.

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UNITED STATES PATENT OFFICE.

WILLIAM D. C. PATTYSON, OF MARLBOROUGH, MASSACHUSETTS, ASSIGNOR
TO HORACE S. CROWELL, OF SAME PLACE.

CLASP OR HOLDING DEVICE FOR WEARING-APPAREL.

SPECIFICATION forming part of Letters Patent No. 315,959, dated April 14, 1885.

Application filed January 3, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. C. PATTYSON, of Marlborough, county of Middlesex, State of Massachusetts, have invented an Improvement in Clasps or Holding Devices for Wearing-Apparel, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

The improved clasp or holding device to be herein described is adapted to connect together portions of garments or wearing-apparel, it being well adapted to take the place of a pin to hold a shawl, or a link to hold a cloak, or a sleeve-supporter.

My invention consists, essentially, in a spiral spring provided at its ends with hooks the shanks of which are substantially in line with the center line of the spring, or within the helical coils thereof, whereby the strain upon the spring is substantially in the line of its center, the said hooks being adapted to engage the parts of the fabric or garment to be held together, the points of the hooks being preferably within the circle occupied by the helical coil.

Figure 1 represents a clasp or holding device embodying my invention, one of the end shields being in section, and Fig. 2 is a modified form of clasp.

In accordance with my invention, a piece of spring-wire is bent to form a spiral spring, as at *a*, and these springs at their ends are provided with hooks to engage the fabric or garment.

As shown in Fig. 1, the wire of which the spring is composed is bent inward at each end of the spring to form the shanks of the hooks *b*, which are pointed to enter the fabric or garment like a pin, and preferably the points of the hooks do not extend outward beyond the periphery of the spiral coils of the spring. The shanks of the hooks occupy a position

substantially in the center line of the spring, thus straining the spring equally.

The ends of the spiral spring will preferably be finished by means of shields *c*.

If desired, the hooks or devices which engage the fabric may be made separate from the wire which forms the body of the spiral spring.

Fig. 2 shows a double hook attached to the spiral spring at the center line, the spring being tapered at its outer ends, the folded or bent end of the hook being preferably joined with the end coils of the spring by means of solder or otherwise. The shields, or it may be the ends of the spring, are joined by means of a connecting device, *f*, (shown as a slack chain,) which limits the movement of the spring.

This chain may be more or less ornamented, and, if desired, may be contained within the spring, in which event a flexible wire may be used as an equivalent for the chain.

I claim—

1. As an improved article of manufacture, a clasp or holder composed of a small spiral spring having at its ends sharp-pointed open hooks, suitable to penetrate and hold a fabric or garment, the shanks of the hooks being substantially in line with the center line of the said spring, or within the interior of the helical coils of wire composing the said spring, substantially as described.

2. The spiral spring and connected hooks or devices to engage a fabric, combined with a connecting device to limit the stretch of the spring, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM D. C. PATTYSON.

Witnesses:

G. W. GREGORY,
B. J. NOYES.