

No. 880,972.

PATENTED MAR. 3, 1908.

L. J. CASTIAU.
SAFETY PIN.

APPLICATION FILED MAY 3, 1907.

Fig. 1

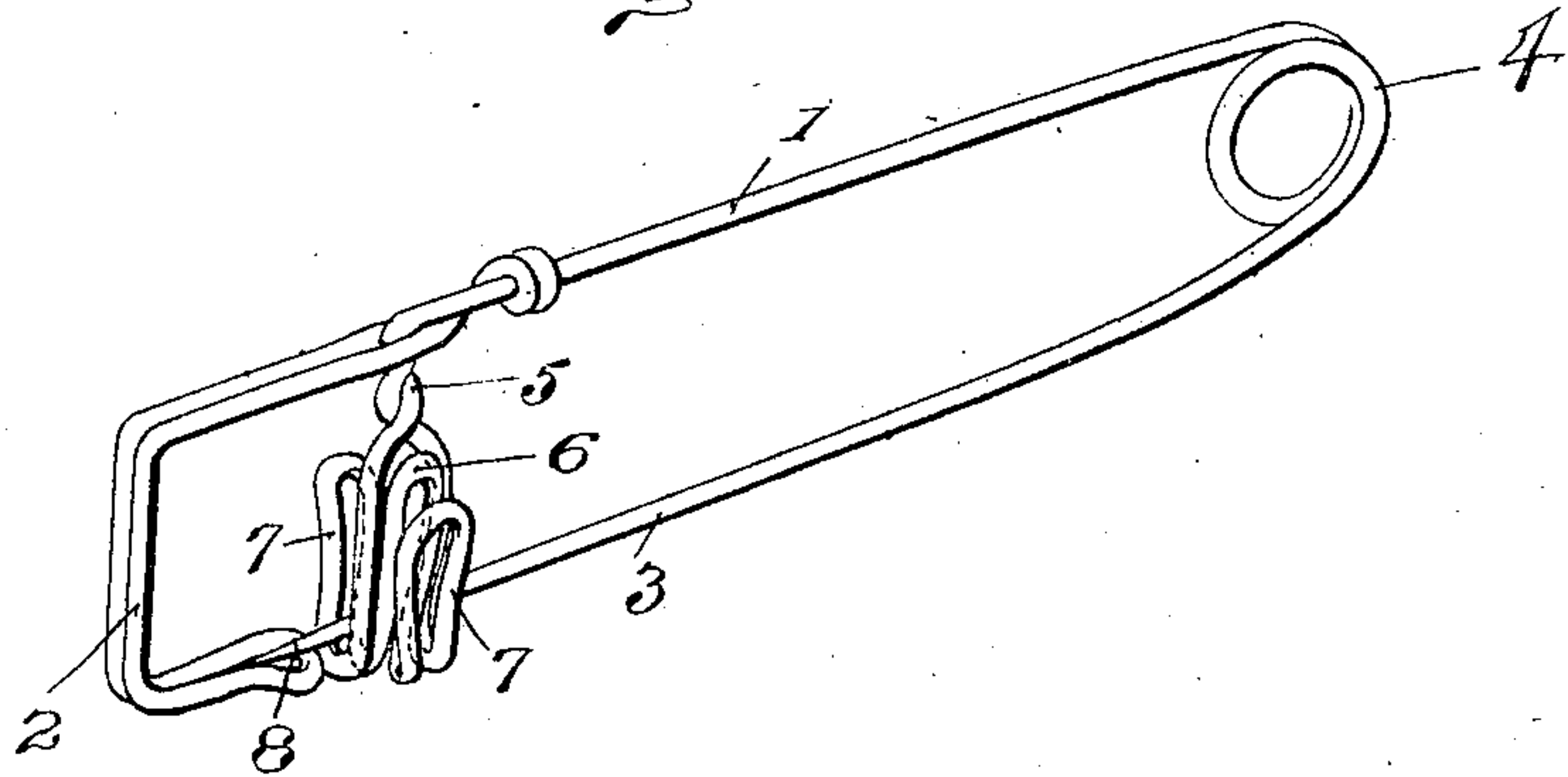


Fig. 2

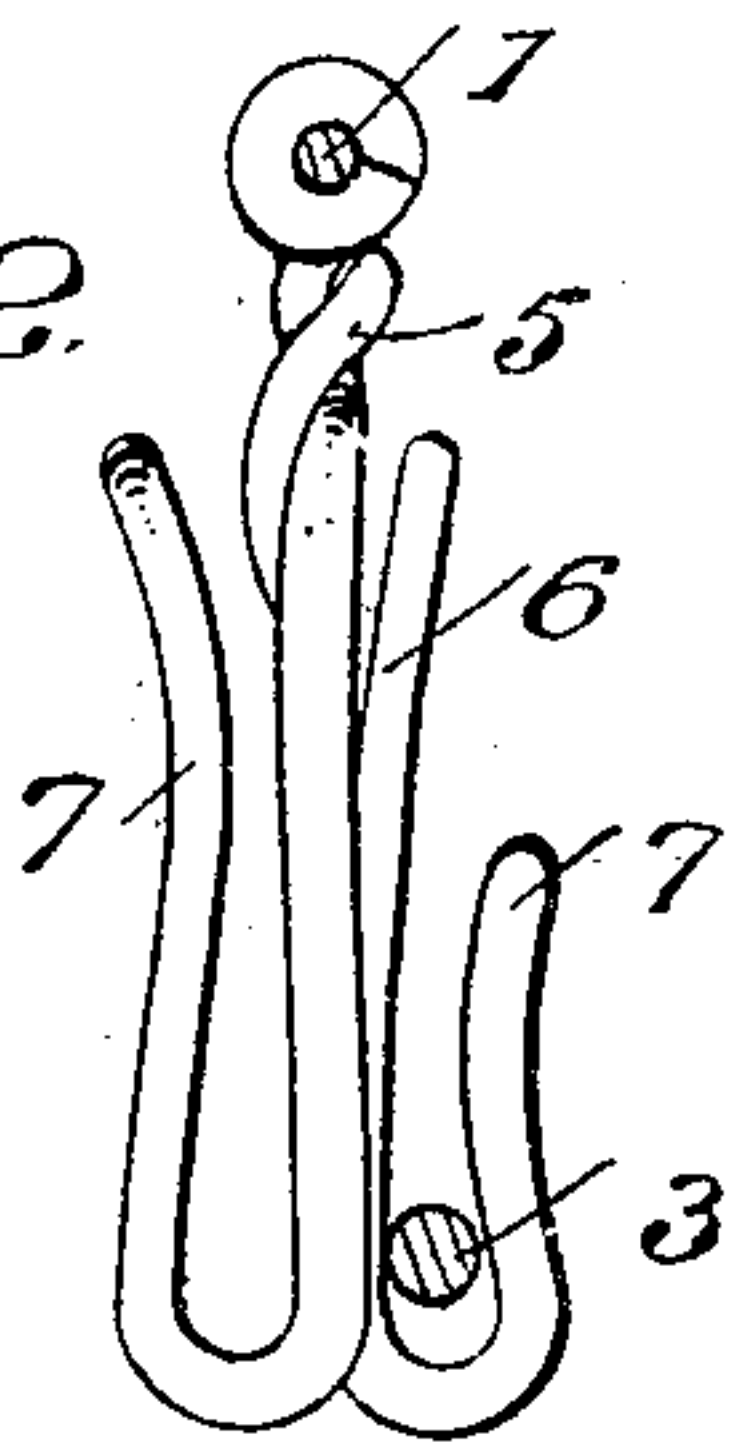


Fig. 3

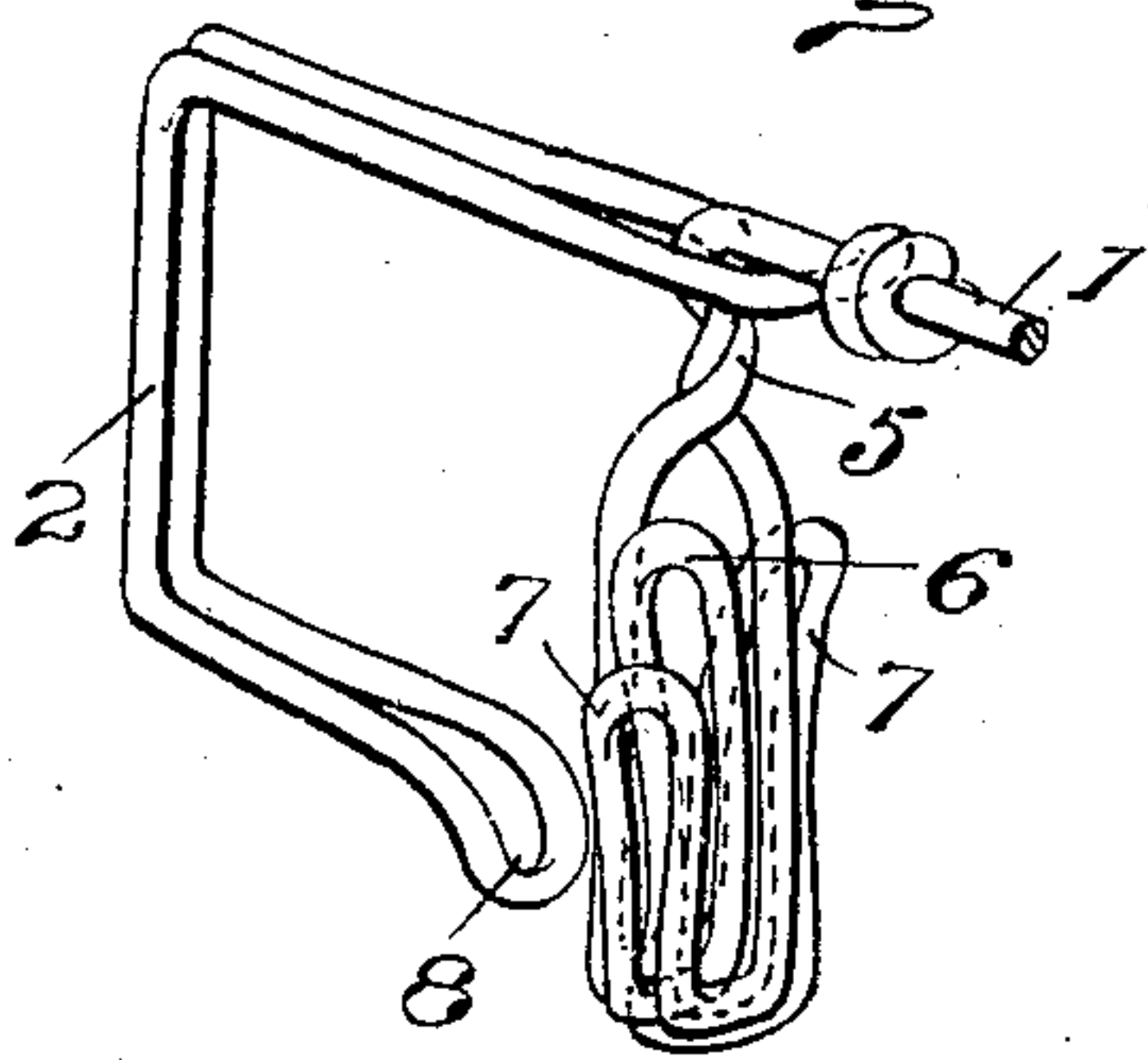
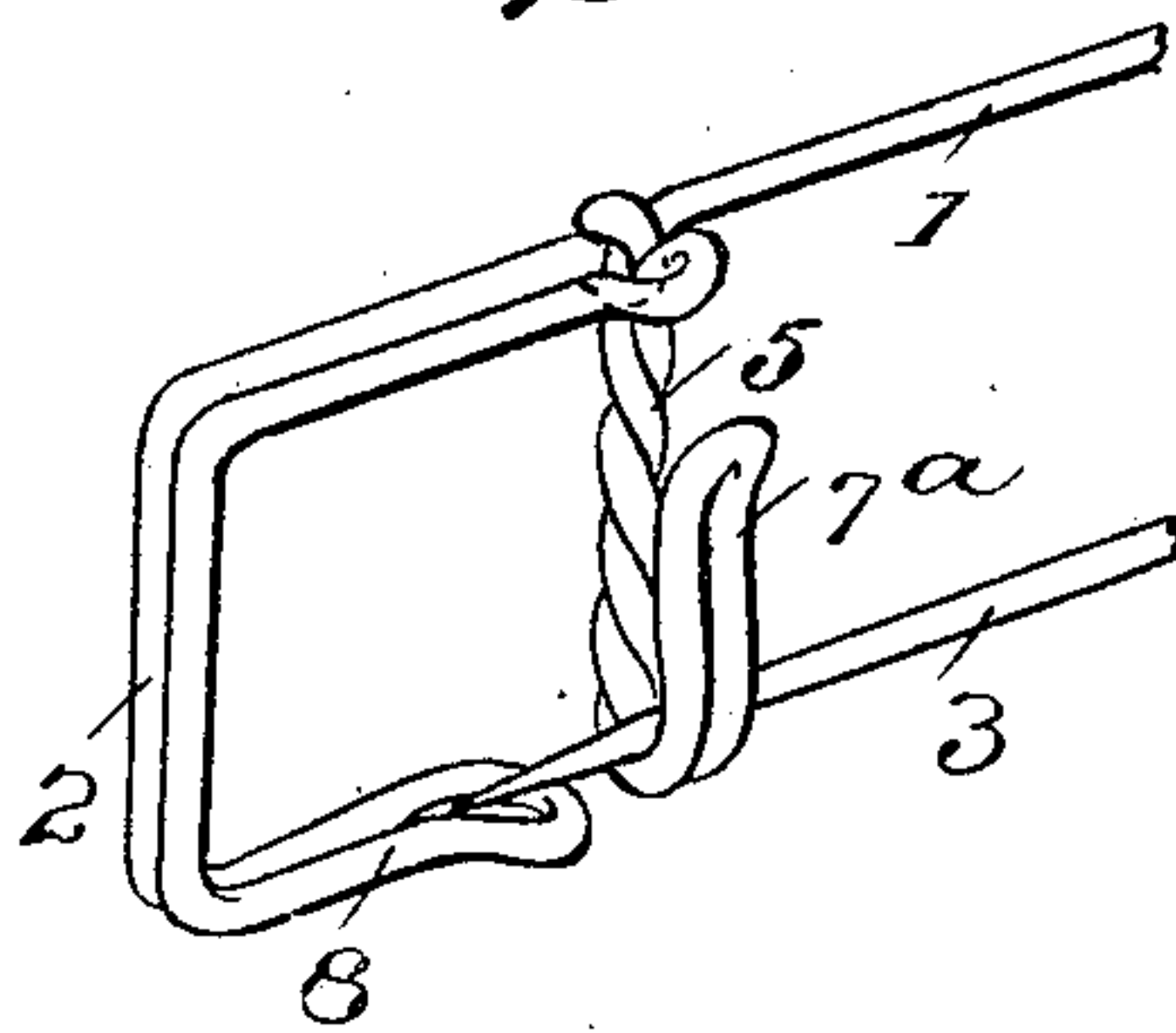


Fig. 4



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UNITED STATES PATENT OFFICE.

LEOPOLD J. CASTIAU, OF STRATHCONA, ALBERTA, CANADA.

SAFETY-PIN.

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Specification of Letters Patent.

Patented March 3, 1908.

Application filed May 3, 1907. Serial No. 371,648.

To all whom it may concern:

Be it known that I, LEOPOLD J. CASTIAU, a citizen of the United States, residing at Strathcona, Alberta, Canada, have invented certain new and useful Improvements in Safety-Pins, of which the following is a specification.

The present invention relates in general to pin fasteners and more particularly to an improved form of safety pin which is provided with novel means for retaining the point in engagement with the sheath whereby the said point is prevented from working loose and either injuring the wearer or forming a means for tearing the fabric in connection with which it is being employed.

The object of the invention is to design a pin of this character which is inexpensive in its construction and can be readily formed from a single length of wire.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a safety pin constructed in accordance with the present invention. Fig. 2 is a transverse sectional view through the same. Fig. 3 is a detail view of one end of the pin. Fig. 4 is a similar view showing a modification.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Specifically describing the invention the numeral 1 designates the back of the safety pin having one end thereof curved upwardly and carrying a sheath as indicated at 2, while the opposite end is connected in the usual manner to the pin 3 by means of the coil 4. The guard member for retaining the point of the pin in engagement with the sheath or keeper is carried by an arm 5 extending laterally from the back 1 and terminating in front of the keeper the said guard being spaced from the sheath and operating independently thereof. This arm 5 is shown as formed by crimping the wire of the back 1, the crimped portion being twisted at a point adjacent the back while the extremity

thereof is provided with a hook member designed to have a spring engagement with the pin 3.

In the form of the invention shown in Fig. 1 the end of the crimped portion constituting the arm 5 is bent inwardly as indicated at 6 whereby the extremity of the arm has a bifurcated formation, each member thereof being returned upon itself to form a hook 7, and the said hooks facing in opposite directions so as to engage the pin 3 upon either side of the arm 5.

Another embodiment of the invention is shown in Fig. 4 in which the extremity of the crimped portion constituting the arm 5 is returned upon itself to form the hook member 7^a which has a spring engagement with the pin 3 and operates in an identical manner with the form previously described to retain the pin in engagement with the sheath.

As shown in the drawings it will be observed that the sheath carried by the curved end 2 is constituted by a loop 8 formed by returning the said end upon itself, the returned portion of the wire extending entirely around the curved end of the pin and having its end bent around the back 1 at a point adjacent the base of the arm 5.

Having thus described the invention, what is claimed as new is:

1. A safety pin comprising a back having an intermediate portion thereof crimped, a sheath carried by one end of the back, and a pin connected to the opposite end of the back and designed to engage the sheath, the before mentioned crimped portion of the back being returned upon itself to form a hook acting independently of the sheath to retain the pin in engagement therewith.

2. A safety pin comprising a back having an intermediate portion thereof crimped, a sheath carried by one end of the back, and a pin connected to the opposite end of the back and designed to engage the sheath, the before mentioned crimped portion of the back being bent inwardly to bifurcate the end thereof, the two members of the bifurcation being returned upon themselves to form oppositely facing hook members acting independently of the sheath to retain the pin in engagement therewith.

3. A safety pin comprising a back, a

sheath at one end of the back, a pin connect-
ed to the opposite end of the back and de-
signed to engage the sheath, an arm project-
ing laterally from the back at a point adja-
cent the sheath, and a pair of oppositely fac-
5 ing hook members carried by the arm, each
of said hook members being adapted to have
a spring engagement with the pin and to act

independently of the sheath to retain the pin
in engagement therewith.

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

LEOPOLD J. CASTIAU. [L. s.]

Witnesses:

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