

S. ZEUGSCHMIDT.

CLASP.

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975,102.

Patented Nov. 8, 1910.

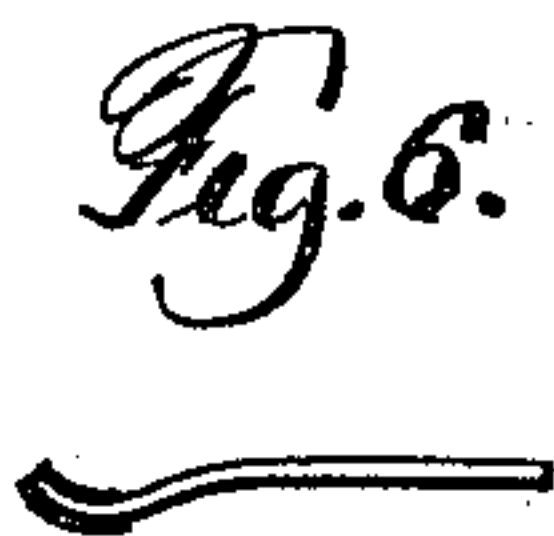
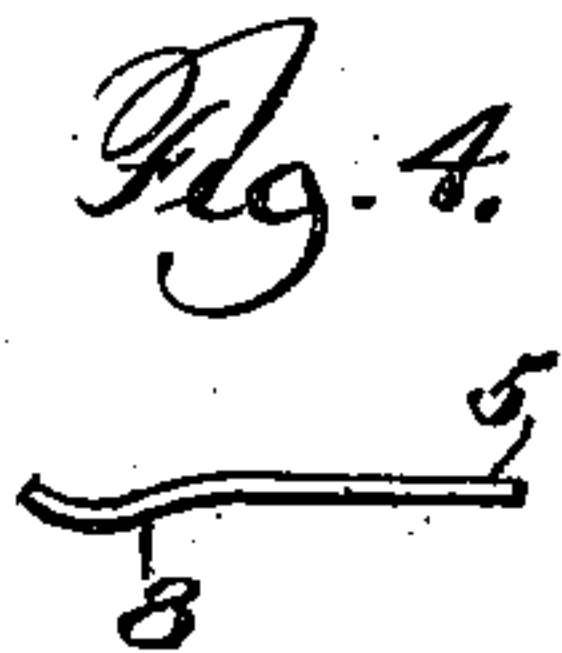
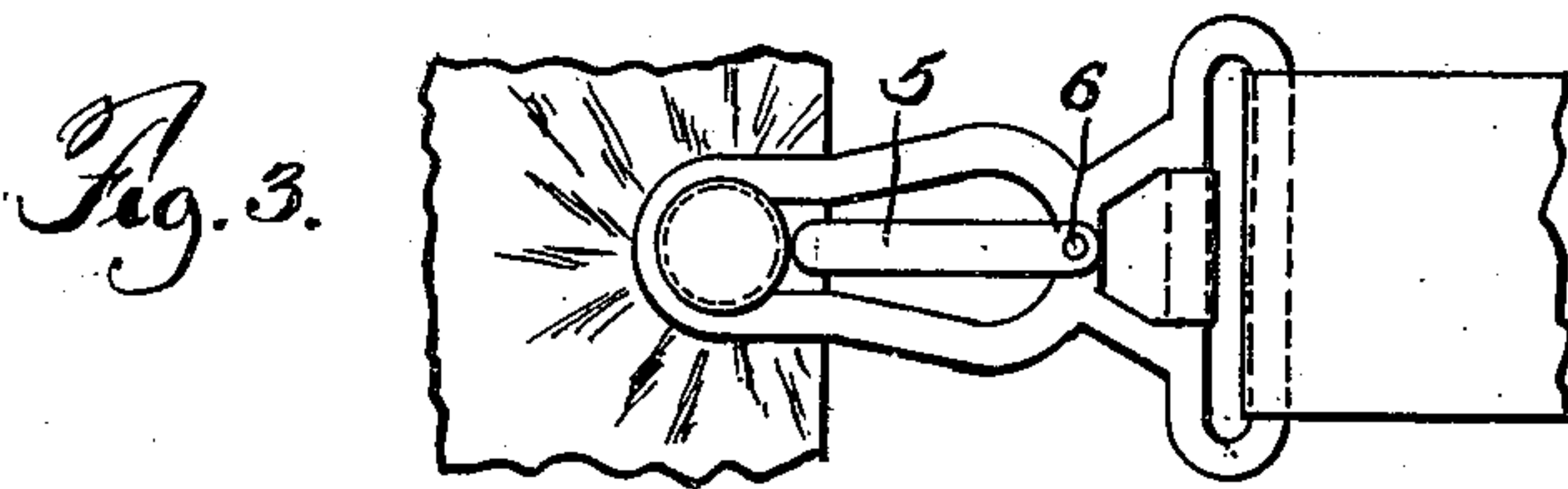
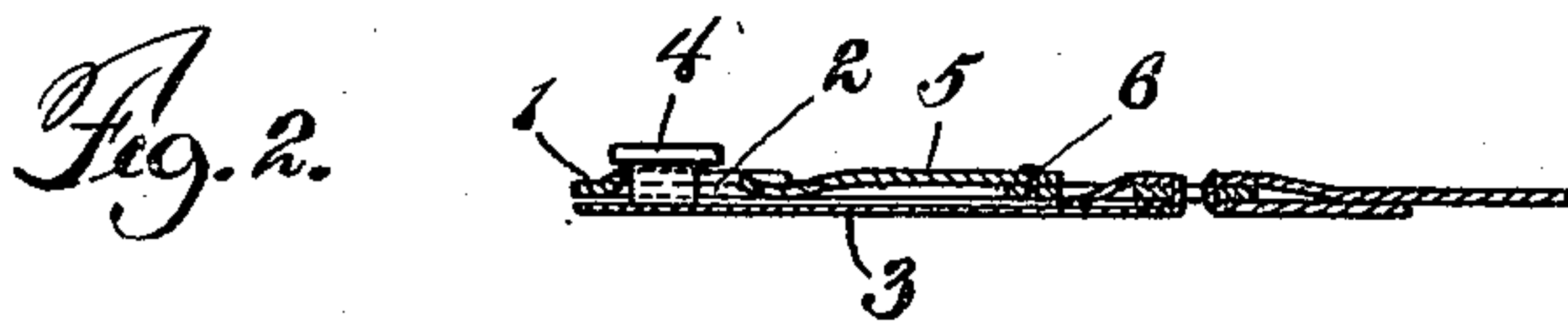
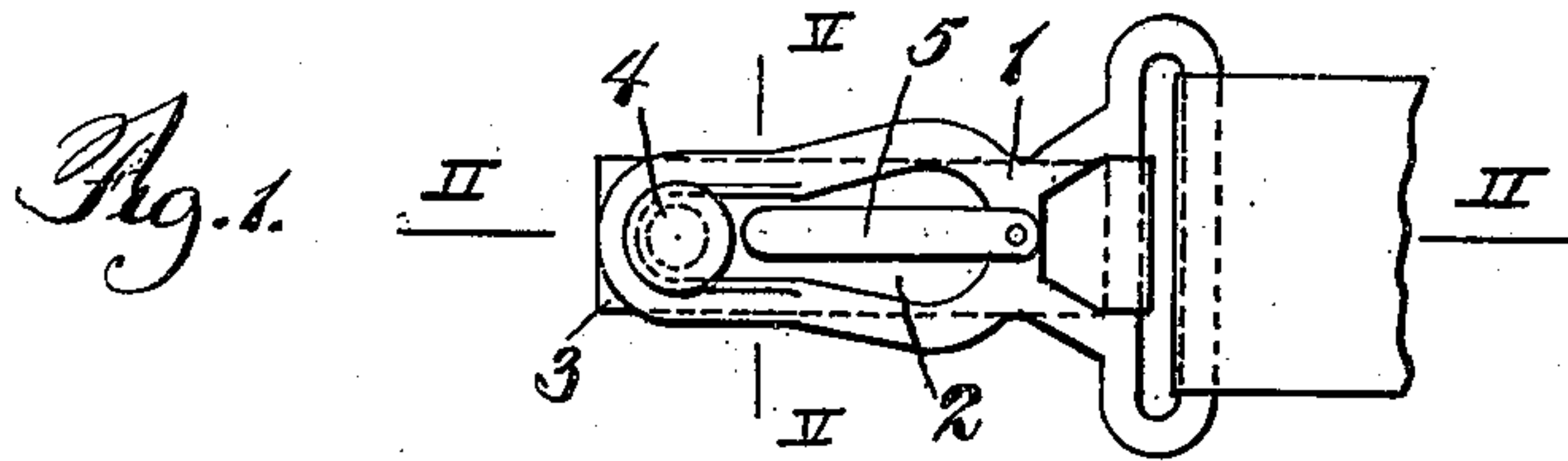
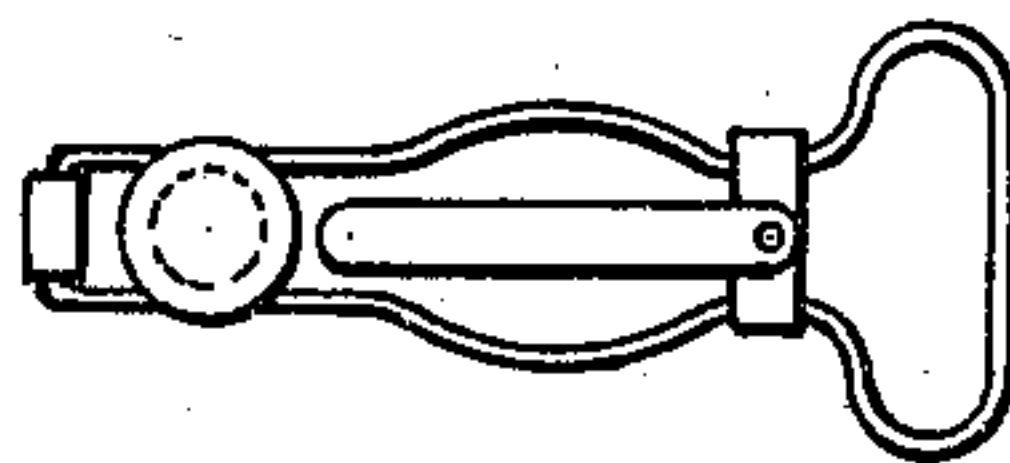


Fig. 7.



WITNESSES

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# UNITED STATES PATENT OFFICE.

SOPHIA ZEUGSCHMIDT, OF PITTSBURG, PENNSYLVANIA.

CLASP.

975,102.

Specification of Letters Patent.

Patented Nov. 8, 1910.

Application filed July 24, 1909. Serial No. 509,255.

*To all whom it may concern:*

Be it known that I, SOPHIA ZEUGSCHMIDT, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Clasps, of which the following is a specification.

My invention relates to devices for supporting hosiery and the like. It has for its chief objects; the provision of an improved clasp whereby the article supported is securely held by means of a safety or locking device; the provision of an improved safety or locking device for clasps which is adaptable to the ordinary forms of clasps; and the provision of an improved safety clasp wherein the parts are so arranged as to prevent tearing of the article supported. To accomplish these and such other objects and advantages as may hereinafter appear I employ a device which is illustrated in its preferred form in the accompanying drawing wherein:—

Figure 1 is a plan view of my improved clasp,

Figure 2 is a section on the line II—II of Fig. 1,

Figure 3 is a view showing my clasp applied,

Figure 4 is a side elevation of the locking member,

Figure 5 is a section through the supporting loop on the line V—V of Figure 1,

Figure 6 is a view of a modified form of locking member and

Figure 7 is a view of my improved locking device applied to another form of clasp.

Heretofore devices of this character have been made substantially as indicated in Figures 1 and 7, saving that no locking or safety means were provided therefor. These devices were imperfect in that the buttons holding the article supported would become loosened to the discomfort and confusion of the wearer. My invention among other things is intended to overcome this difficulty.

In carrying out my invention I employ an ordinary form of supporting loop 1 (preferably of stamped metal) provided with the usual elongated slot 2 having one of its ends more narrow than the other. To the supporting loop or adjacent thereto is secured a flexible securing member 3, which is provided with an upstanding member or button 4. The operation of the de-

vice so far described is as usual,—namely a portion of the article to be supported is placed between the supporting loop and the securing member over the button, which is then pushed into the large end of the slot 2 and advanced into the narrow end thereof where it is held in place laterally by the sides of the loop forming the slot. To hold the button in the narrow end of the slot against longitudinal movement, I provide a swinging locking or safety member 5, which is a flat springy piece pivotally mounted at 6 on the upper portion of the loop 1, and adapted to be moved between the sides of the slot in the line of the travel of the button. The lower end of the safety member 5 is deflected downward at 8 in order that said end may lie between the sides of the slot and be retained there by the springiness of the metal.

The tip of the locking member is upturned to retain the article against the holding button, and is rounded off to prevent tearing of the article so held. The tip may also be provided with a rubber covering as an additional protection against tearing (see Fig. 6). While the locking member is made sufficiently springy to lock itself between the edges of the slot it can readily be moved out of position by a slight pressure of the hand. This style of locking member can be applied to the form of clasp illustrated in Fig. 1, which is a stamped plate, by simply riveting it to the portion of the plate as indicated. When the clasp is of the type shown in Fig. 7, which is made of bent wire, a plate having mounted thereon the locking member can be fastened to the sides of the loop by bending or soldering its ends over them. In Fig. 6 I have shown a cross section of the slot on the line V—V of Fig. 1. Herein that portion of the loop forming the slot has a rib turned up on its inner edge, the object being to provide a means for holding the locking member in place in the slot. This rib has also the additional function of stiffening the slotted portion of the supporting loop.

By my construction a neat and effective safety clasp is secured—one in which the parts are simple and so arranged that the article supported is not liable to be torn, and a device which can readily be made without change of the dies and other machinery now used for forming common



forms of clasps. These and other advantages will readily occur to those familiar with the art.

Having thus described my invention and illustrated its use what I claim as new and desire to secure by Letters Patent is the following:—

The combination with a securing button, of a member adapted to cooperate with the button and comprising a strap engaging portion and a button engaging loop integral therewith, and means for maintaining the button in such loop comprising a spring catch pivoted at one end to the said mem-

ber opposite the said securing button engaging end of the loop for lateral movement into and out of the said loop the said catch having its free end lying when in operative position within the sides of the loop so that the sides of the loop constitute stops to prevent the lateral movement of the catch.

In testimony whereof I have hereunto signed my name in the presence of the two subscribed witnesses.

SOPHIA ZEUGSCHMIDT.

Witnesses:

HARVEY L. LECHNER,  
ARCHWORTH MARTIN.