

No. 844,048.

PATENTED FEB. 12, 1907.

C. E. SCHAFFNER.  
CLASP FOR GARTERS OR THE LIKE.  
APPLICATION FILED MAR. 30, 1906.

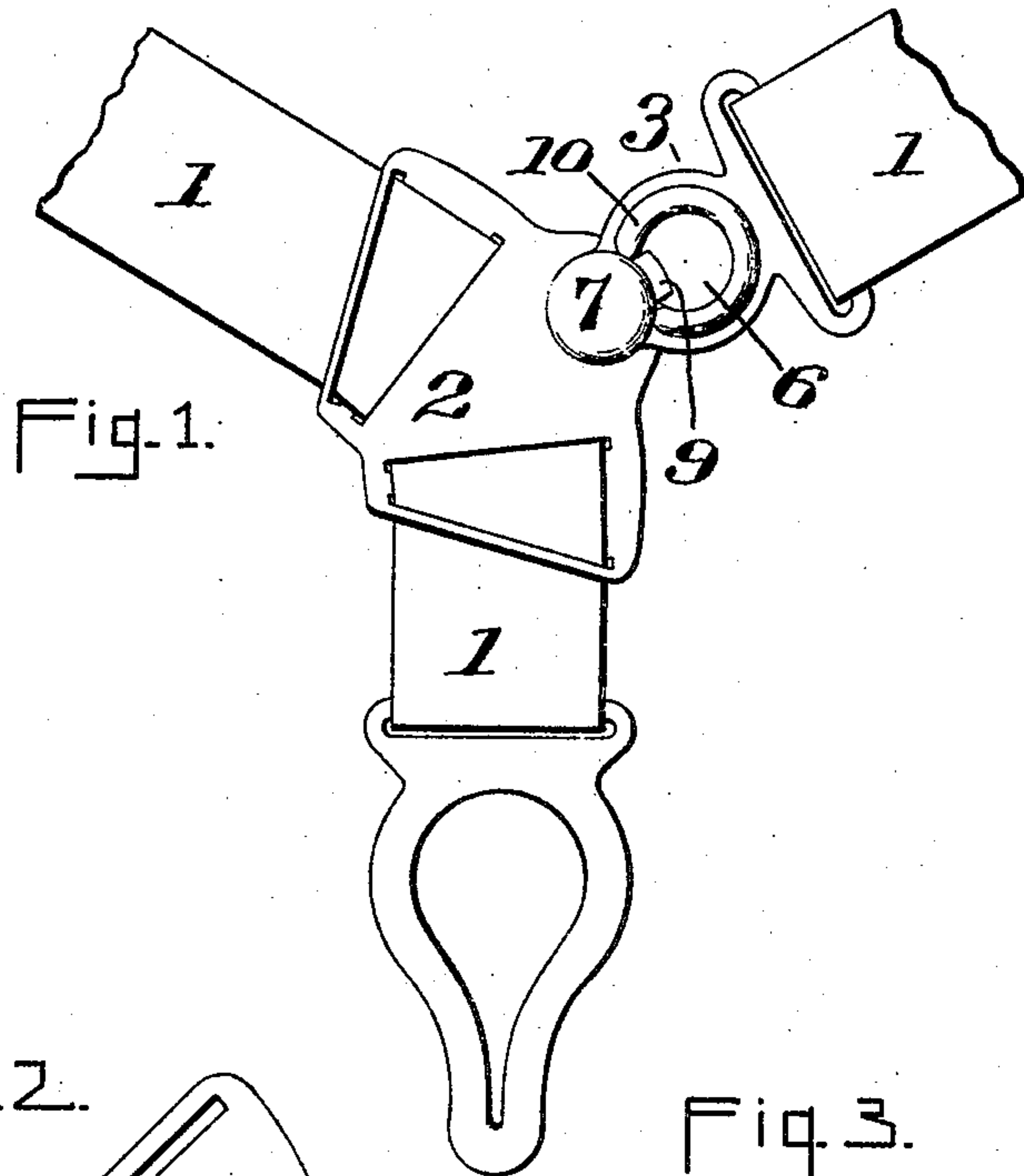


Fig. 2.

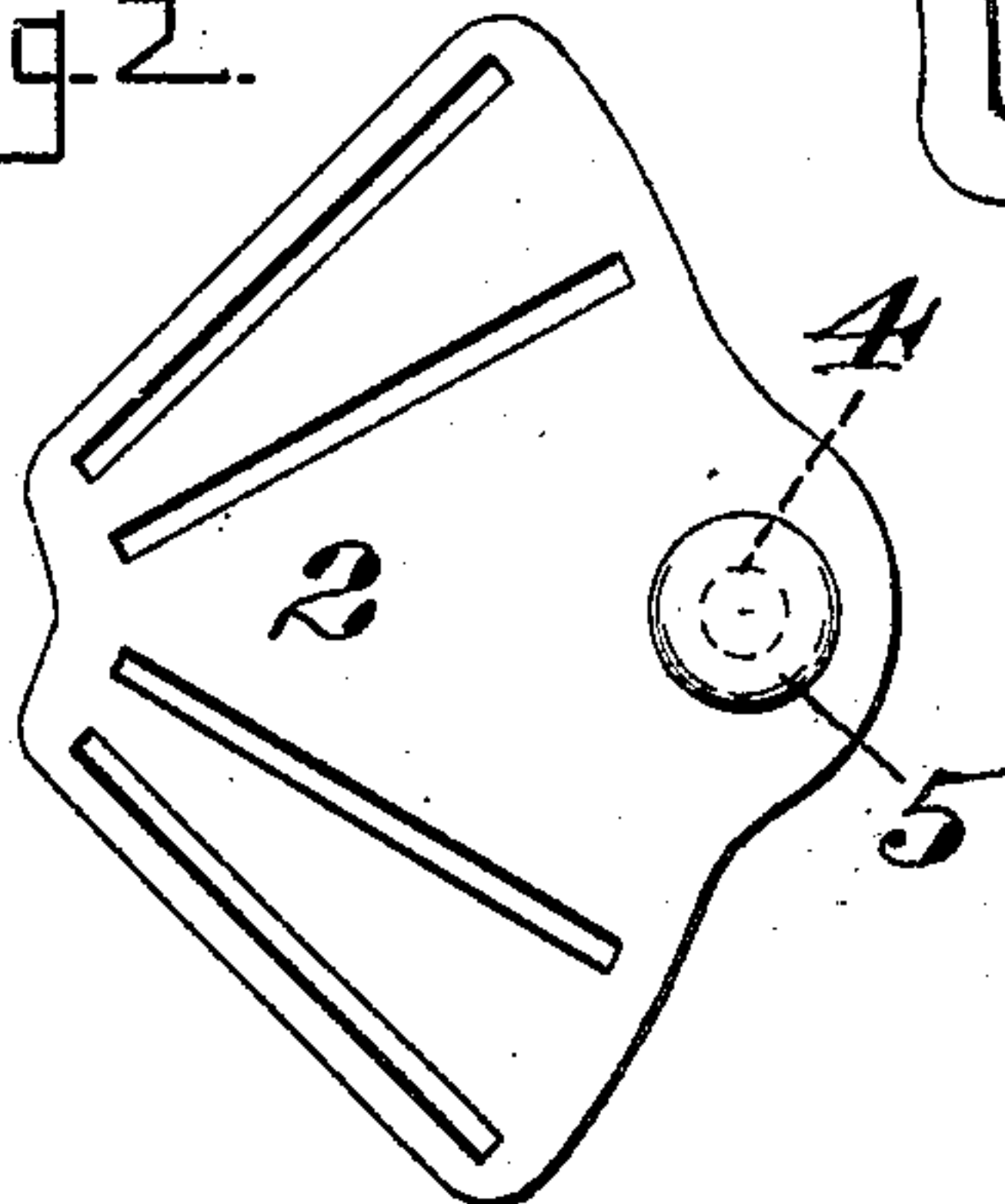


Fig. 3.

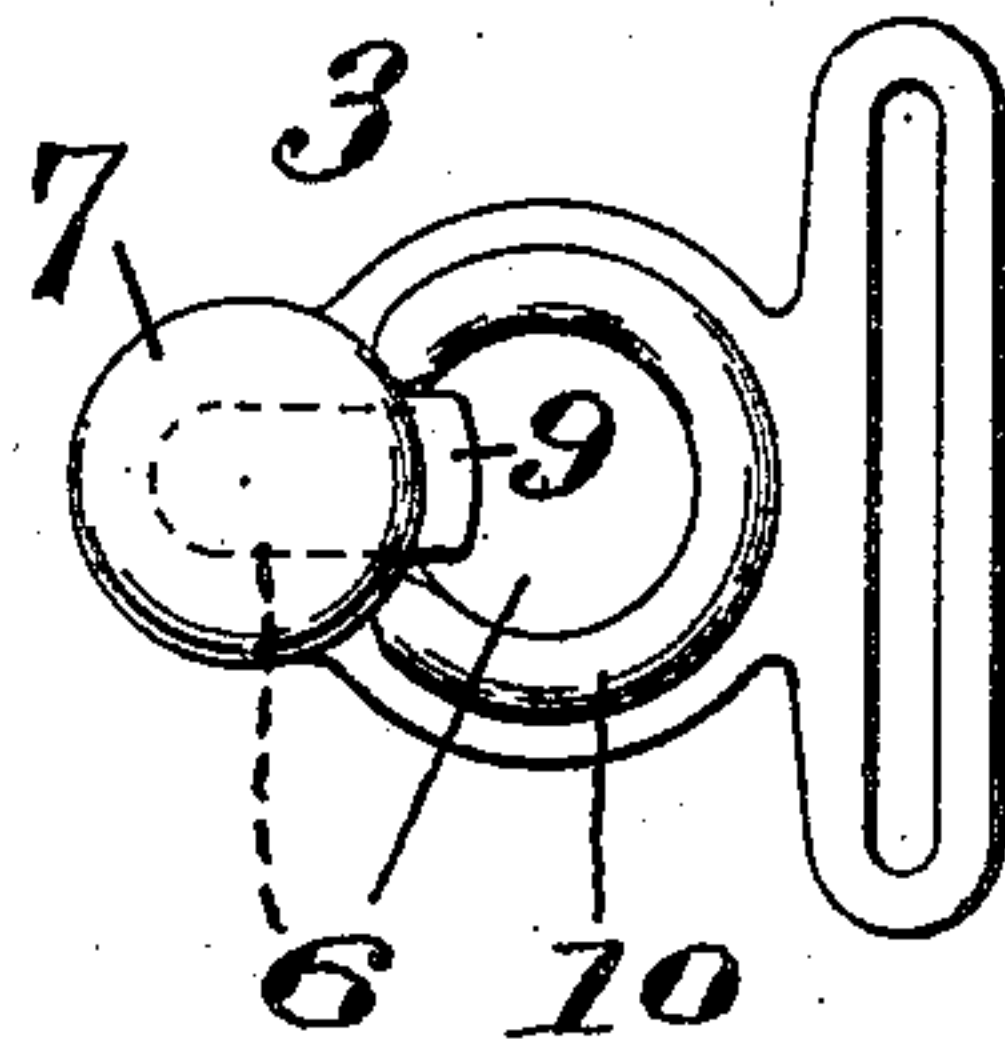


Fig. 4.

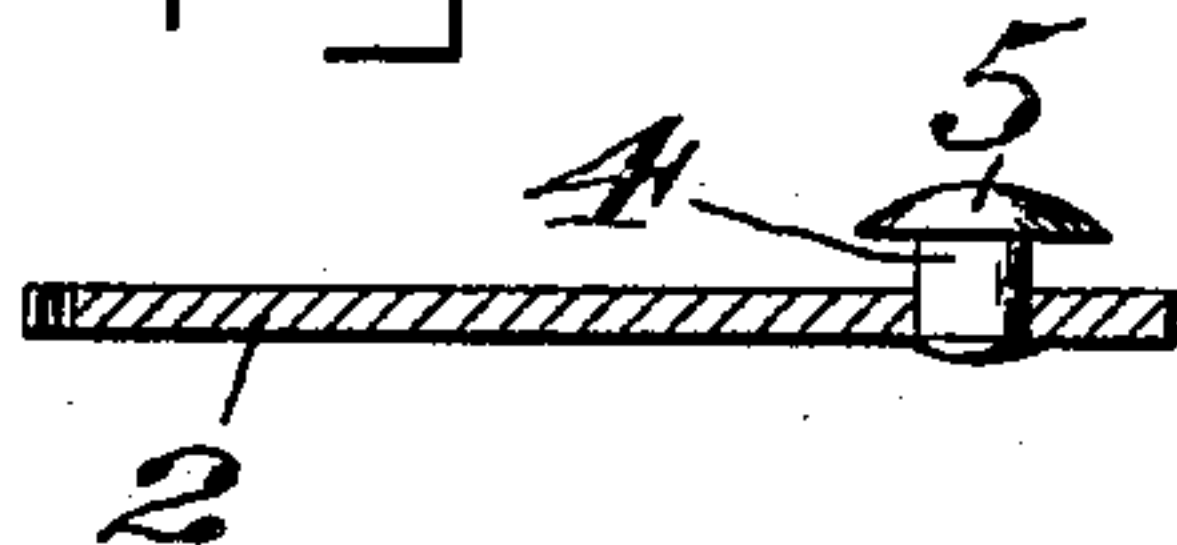


Fig. 5.

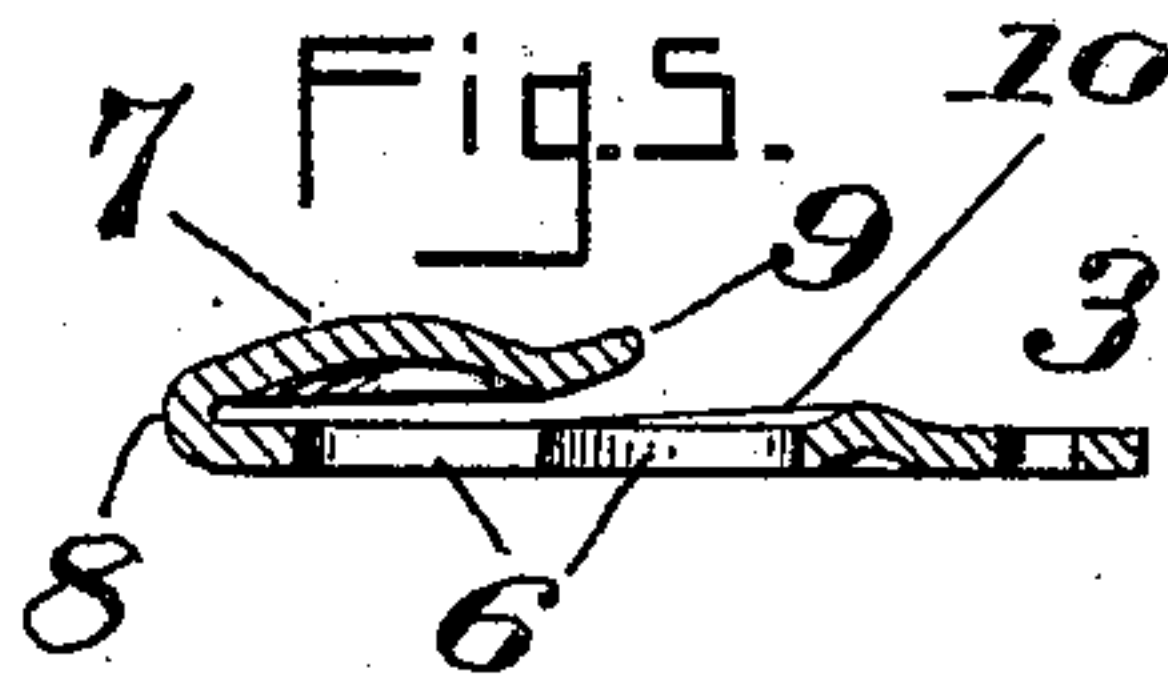
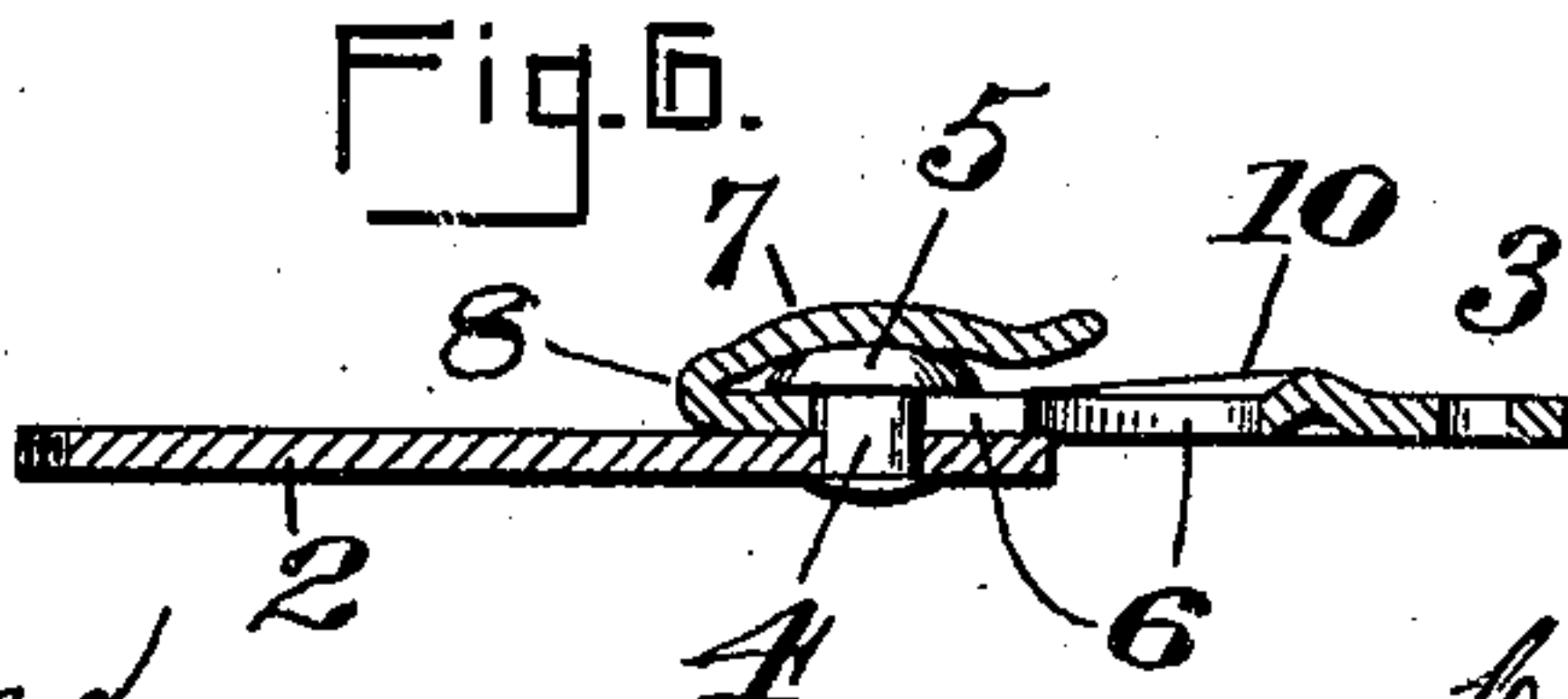


Fig. 6.



Witnesses.  
Homer Bradford.  
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# UNITED STATES PATENT OFFICE.

CLARENCE E. SCHAFFNER, OF CINCINNATI, OHIO.

## CLASP FOR GARTERS OR THE LIKE.

No. 844,048.

Specification of Letters Patent.

Patented Feb. 12, 1907

Application filed March 30, 1906. Serial No. 308,976.

*To all whom it may concern:*

Be it known that I, CLARENCE E. SCHAFFNER, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Clasps for Garters or the Like, of which the following is a specification.

This invention relates to certain improvements in clasps or fastenings such as are adapted for use in connection with hose-supporters, garters, suspenders, and the like; and the object of the invention is to provide a clasp or fastening of an improved and simplified construction and of a light, durable, strong, and inexpensive nature and readily operated to securely hold or release the parts in connection with which the device is used.

The invention consists in certain novel features of the construction, combination, and arrangement of the several parts of the improved clasp or fastening whereby certain important advantages are attained and the device is made simpler, stronger, and cheaper and also otherwise better adapted and more convenient for use, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claims.

In the accompanying drawings, which serve to illustrate my invention, Figure 1 is a plan view showing a fragmentary portion of a garter with its opposite ends connected together by means of my improved clasp; Fig. 2, a plan view of one of the metal parts of my improved clasp; Fig. 3, a plan view of the companion or other metal part of the clasp; Fig. 4, a central transverse section of Fig. 2; Fig. 5, a central transverse section of Fig. 3; and Fig. 6, a central transverse section taken through the two metal parts or members shown in Figs. 2 and 3, but with both said members united or connected together as they appear in operative position for use, as indicated in Fig. 1.

As shown in the said views, 1 indicates the web of the garter or hose-supporter whose opposite ends are connected in a suitable manner by means of two members 2 and 3, respectively, both members forming two engageable parts of the clasp or fastener for detachably connecting said opposite ends of the web. Both of the clasp members are made of thin sheet metal, member 2 being a triangular plate and having an upright post 4, provided with a convex head 5, and mem-

ber 3 having an opening or eye 6 of keyhole-slot construction or form for interlocking engagement with said headed post or pin of member 2, the narrow portion of the said keyhole-slot of member 3 being engaged by the said headed pin when the clasp is in use and the parts drawn taut by the elasticity of the web.

7 indicates a presser-cap extending rearwardly over the narrow portion of the keyhole-slot of member 3 and integrally connected with the outer end of member 3 by means of a spring-tempered or resilient ligament 8, a suitable space intervening between the cap and the body of member 3 to allow for the presence of the head 5 of the pin on member 2. Presser-cap 7 is a concavo-convex resilient one, with its concave side lowermost and is adapted to receive the convex head 5 of said pin on member 2 beneath it when the two parts of the clasp are in engagement, thus forming a swivel or ball-bearing, whereby the two clasp members may freely engage each other and pivot at a common central point, and also allow for the natural shifting movements of the garter or supporter caused by the movements of the person wearing it. It will be observed that the member 3 may be engaged with the member 2 at any point in the radius of the circle around the pin of member 2, thus making it convenient for the user to operate the clasp at most any angle that the member 3 may assume in the handling thereof.

9 indicates a short but decided tongue or projection at the outer end of the cap 7 and flaring upwardly over the circular or large portion of the keyhole-slot of member 3. This flaring tongue or projection 9 forms a raising lip or guide-surface, under which the head of the convex-headed pin on member 2 is readily directed into place under cap 7 when entering the said large portion of the keyhole-slot and without danger of the edge of said pin colliding with the edge of the cap, which would otherwise happen in the absence of the flaring projection or tongue.

10 represents a raised edge or rib constructed around the large opening of the keyhole-slot of member 3, such raised edge tapering downward somewhat toward the point where the large opening contracts into the narrow part of the slot, the purpose of which is to stiffen the light metal forming the member 3 and to aid in guiding the headed pin of member 3 under cap 7 and to further aid in retaining the head of said pin in engagement



under said cap, the latter being elastically held in overhanging position over said headed pin and preventing the pin from accidental disengagement from locking or fastening place in the keyhole-slot when the clasp members are detachably connected or locked together.

I claim—

1. A clasp or fastening comprising two independent parts or members, one member being a triangular sheet-metal plate and provided with a convex-headed post or pin and the other member being a sheet-metal plate and provided with a keyhole-slot and a rearwardly-disposed and resiliently-supported concavo-convex presser-cap overhanging the narrow portion of said keyhole-slot, and an

upwardly-flaring tongue or extension projecting from the fore edge of said presser-cap over a portion of the larger portion of said keyhole-slot.

2. A clasp or fastening comprising two parts or members, one member having a headed pin or post and the other member having a keyhole-slot provided with a tapered raised edge around the circular portion thereof and an overhanging resilient presser-cap connected integrally to the outer end of the last-named member.

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Witnesses:

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