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2,132,073

SUSPENDER CLIP

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FIG. 1

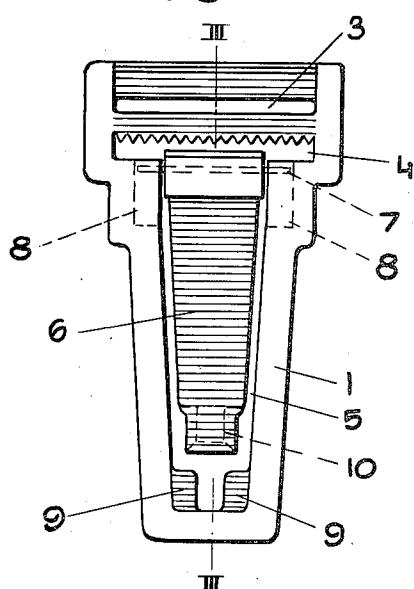


FIG. 3

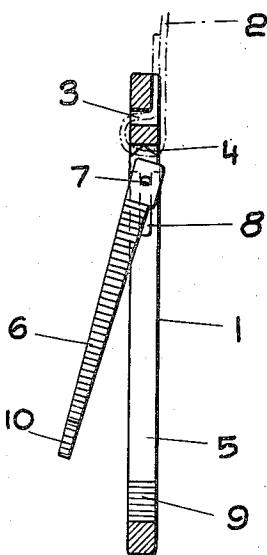


FIG. 2

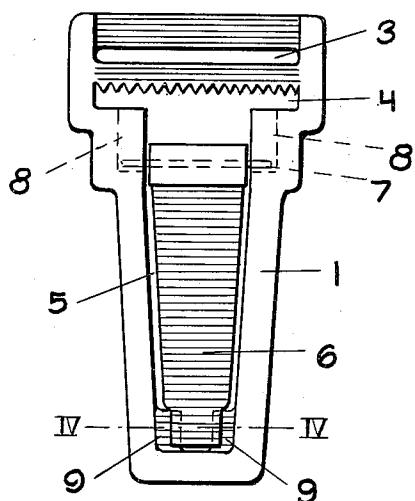
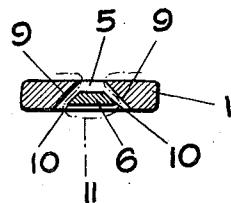


FIG. 4



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## UNITED STATES PATENT OFFICE

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## SUSPENDER CLIP

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4 Claims. (Cl. 24—263)

This invention relates to clips for stocking and sock suspenders and the like.

According to the invention the clip comprises an elongated plate adapted to be secured at one end to a suspender or the like and provided with a longitudinal recess or opening and preferably bevelled portions projecting into said recess or opening at the other end of the plate, and a swingable and slideable tongue so mounted in the said recess or opening in the plate that the free end of the tongue can be engaged with the said projecting portions of the plate by swinging the tongue into the plane of the plate and then sliding the tongue longitudinally.

The invention will be more fully described with reference to the accompanying drawing illustrating a preferred embodiment thereof. In the drawing:

Figs. 1 and 2 are front views of the clip with the tongue out of respective engagement with the portions projecting into the recess or opening for the tongue in the plate.

Fig. 3 is a longitudinal section of the clip on the line III—III in Fig. 1.

Fig. 4 is a cross section of the clip on the line IV—IV in Fig. 2.

The clip comprises a plate 1 preferably made in one piece of Celluloid or any other suitable material. This plate is adapted to be secured at one end to a suspender or the like (indicated at 2 in Fig. 3).

For the purpose of attaching the plate to the suspender the plate may be provided with preferably two transverse slots 3 and 4. The plate, however, also may be adapted to be

attached to the suspender or the like in any other suitable manner. The plate 1 is provided with a longitudinal recess or opening 5 which preferably may extend to the transverse slot 4 as shown.

In the recess or opening 5 there is mounted a tongue 6 which is both swingable and slideable longitudinally of the plate 1. Thus, in the embodiment shown for the purpose of illustration the tongue 6 at its pivoted end is provided with a transverse pin 7 the projecting ends of which are movable in longitudinal grooves 8 in the facing longitudinal edges of the recess or opening 5. The pin 7, however, also may be fixed in the plate 1 and the tongue 6 provided with a slot to allow displacement of the tongue.

At the lower end of the recess or opening 5 the plate 1 is provided with preferably bevelled portions 9 projecting into the recess or opening 5, and preferably the edges of the tongue 6 at the lower or free end thereof are correspondingly bevelled as shown at 10. From the position

shown in Figs. 1 and 3 the tongue 6 may be moved into the position shown in Figs. 2 and 4 by swinging the tongue into the plane of the plate 1 and then sliding the tongue towards the lower end of the recess or opening 5. In the position shown in Figs. 2 and 4 the lower or free end of the tongue engages the bevelled projections 9.

In order to engage the clip with the stocking or the like (indicated at 11 in Fig. 4) the latter, while the tongue 6 is swung out as shown in Fig. 3, is inserted between the plate 1 and the tongue 6, and by swinging the tongue into the plane of the plate and then sliding the tongue towards the lower end of the recess or opening 5 to the position shown in Figs. 2 and 4 the stocking or the like is securely clamped. In order to disengage the clip from the stocking it is only necessary to slide the tongue upwards so as to disengage the tongue from the portions 9 and allow it to swing towards the position shown in Fig. 3.

The front of the tongue 6 may be roughened in order to facilitate displacement of the tongue with the fingers. Also the bevelled portions 9 and the bevelled edges 10 as well as the side edges of the tongue may be roughened.

The clip according to this invention has the advantage that it can be made flat and very thin and, therefore, is more comfortable to the wearer.

The clip can be modified in several respects without departing from the spirit of the invention or the scope of the appended claims and, therefore, the invention may not be considered as limited to the form herein shown and described in detail.

What I claim is:

1. A clip for stocking and sock suspenders and the like, comprising an elongated plate adapted to be secured at one end to a suspender or the like and provided with a longitudinal opening, bevelled portions on said plate projecting into the opening therein at the other end thereof, a tongue, and means for mounting one end of said tongue in said longitudinal opening for swinging movement about a transverse axis adjacent the end of the plate secured to the suspender and for limited longitudinal movement, said tongue being of a length such that its free end will swing clear of the bevelled portions projecting into the opening when said tongue is at one limit of its longitudinal movement and to engage said bevelled portions when at the other limit of its longitudinal movement and cooperate therewith to grip a stocking or sock to be supported.
2. A clip for stocking and sock suspenders and the like, comprising an elongated plate adapted

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to be secured at one end to a suspender or the like and provided with a longitudinal opening, bevelled portions on said plate projecting into the opening therein at the other end thereof, a tongue, and means for mounting one end of said tongue in said longitudinal opening for swinging movement about a transverse axis adjacent the end of the plate secured to the suspender and for limited longitudinal movement, 10 said tongue being of a length such that its free end will swing clear of the bevelled portions projecting into the opening when said tongue is at one limit of its longitudinal movement and to engage said bevelled portions when at the other 15 limit of its longitudinal movement and cooperate therewith to grip a stocking or sock to be supported, the edges of the tongue at the free end thereof being beveled to correspond to the bevelled portions of the plate which project into the opening for the tongue in the plate, the bevelled portions of the plate and correspondingly bevelled edges of the 20 tongue being roughened.

3. A clip for stocking and sock suspenders and the like, comprising an elongated plate adapted to be secured at one end to a suspender or the like and provided with a longitudinal opening, 25 bevelled portions on said plate projecting into the opening therein at the other end thereof, a tongue, and means for mounting one end of said tongue in said longitudinal opening for swinging movement about a transverse axis adjacent the 30 end of the plate secured to the suspender and for limited longitudinal movement, said tongue being of a length such that its free end will swing clear of the bevelled portions projecting into the

opening when said tongue is at one limit of its longitudinal movement and to engage said bevelled portions when at the other limit of its longitudinal movement and cooperate therewith to grip a stocking or sock to be supported, the edges of the tongue at the free end thereof being beveled to correspond to the bevelled portions of the plate which project into the opening for the tongue in the plate, the bevelled portions of the plate and correspondingly bevelled edges of the 10 tongue being roughened.

4. A clip for stocking and sock suspenders and the like, comprising an elongated plate adapted to be secured at one end to a suspender or the like and provided with a longitudinal opening, 15 said plate having longitudinal grooves in the facing longitudinal edges of said opening adjacent the end of said plate secured to the suspender, a tongue, a pin extending transversely through one end of said tongue and mounted in 20 said longitudinal grooves in the facing longitudinal edges of said opening for supporting said tongue for swinging and longitudinal movement in said opening, said tongue being of a length such that its free end will swing clear of the 25 bevelled portions projecting into the opening when said tongue is at one limit of its longitudinal movement and to engage said bevelled portions when at the other limit of its longitudinal movement and cooperate therewith to grip a 30 stocking or sock to be supported.

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