Nov. 29, 1938. I. GOLDBERG 2,138,542

BUCKLE

Filed Jan. 26, 1938

Fig. 1.

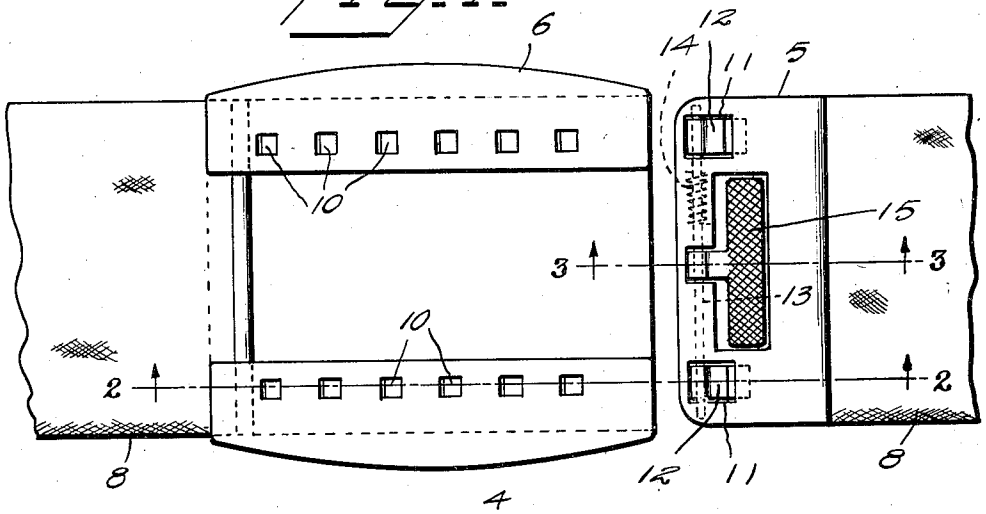


Fig. 2.

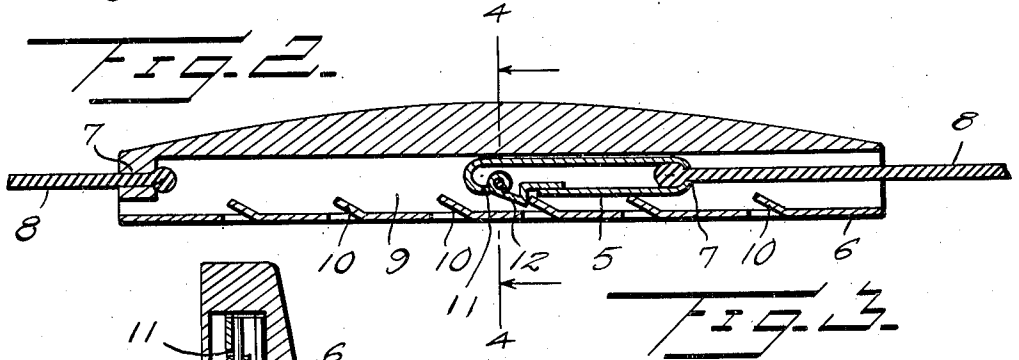


Fig. 3.

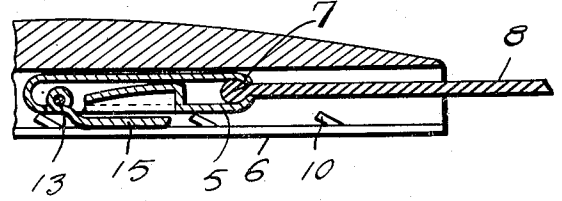
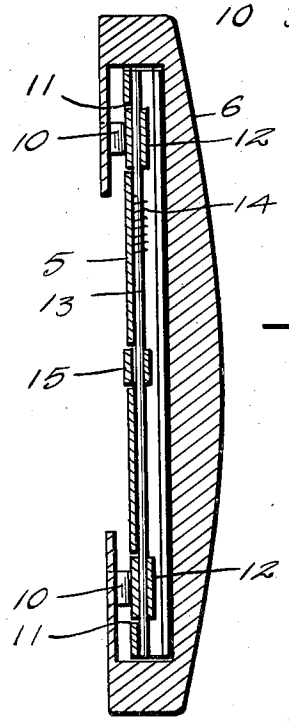


Fig. 4.



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BUCKLE

Isidore Goldberg, Brooklyn, N. Y.

Application January 26, 1938, Serial No. 187,067

1 Claim. (Cl. 24—206)

My invention relates to new and useful improvements in buckles and more particularly to strap or belt buckles.

One of the principal objects of my invention is to provide a buckle equipped with separable interlocking members so constructed and arranged as to effect a ready adjustment therebetween whereby a belt may be readily adjusted about the body of a wearer.

Another object of my invention is to provide a buckle of the above described character which is simple in construction, durable in use, efficient in operation and economical in manufacture.

Other objects and advantages will be apparent from the following description, appended claim and annexed drawing.

Referring to the drawing wherein like reference characters designate like parts throughout the several views:

Fig. 1 is a rear elevation of my invention illustrating the buckle members in detached position and connected to the respective ends of a belt.

Fig. 2 is a longitudinal sectional view illustrating the members in connected relation, the same being taken on the plane of the line 2—2 of Figure 1.

Fig. 3 is a fragmentary longitudinal section of the buckle illustrating the finger piece, the same being taken on the plane of the line 3—3 of Figure 1.

Figure 4 is a transverse section taken on the line 4—4 of Figure 2.

In practicing my invention I provide a belt buckle comprising male and female sections 5 and 6 respectively. Each of the said sections have slotted ends 7 for receiving therein the respective ends of a belt 8. The ends of said belt are folded to prevent disengagement with the respective members.

The female member is fashioned with longitudinally extending spaced channeled sections 9 formed with a plurality of spaced catches 10 extending within said sections and towards the slotted end 7 thereof.

The male member 5 comprises a substantially rectangular shaped shell having slots 11 formed in the lower wall thereof in which are pivotally mounted dogs 12 by means of a shaft 13 having the ends thereof journaled in the sides of the member 5. Said dogs are arranged in registry with the catches 10 and engage a pair of the same when the member 5 is inserted within the channeled sections 9 as clearly illustrated in Figure 2. A spring 14 is mounted about the shaft 13 and normally maintains the dogs in engagement with the catches 10.

Intermediate of the sides thereof the bottom wall of the member 5 is apertured and receives therethrough one end of a finger piece 15 fixed to the shaft 13, the opposite end of said finger piece adapted for actuation into a recess formed in the lower wall of the member 5 whereby to rock the shaft 13 and disengage the dogs 11 from the catches 10.

From the foregoing it will be apparent that when the male member 5 is inserted within the channeled sections 9 of the female member 6, the dogs or latches 12 will engage the catches 10 and prevent withdrawal of the male member from within the female member. However, the ends of the belt may be adjusted towards each other by advancing the male member towards the slotted end 7 of the female member, the dogs 12 engaging another pair of the catches 10. Likewise, the ends of the belt may be adjusted away from each other by releasing the dogs 12 from the catches 10 through the medium of the finger piece 15 and moving the member 5 away from the slotted end of the member 6. In a like manner, by actuation of the finger piece 15, the member 5 may be withdrawn from the channeled sections 9.

What I claim is:

A buckle of the class described, comprising a female member fashioned with longitudinally spaced channeled sections provided with a plurality of spaced catches extending within said sections, a male member slidable within said sections, a shaft journaled in said male member, spaced dogs fixed on said shaft adjacent the ends of the latter for engagement with said catches, a coil spring on said shaft for maintaining said dogs in engagement with a pair of said catches to prevent movement of said male member in one direction and permit movement thereof in the opposite direction, and a finger piece fixed on said shaft between said dogs and extending between said sections for releasing said dogs from said catches to permit withdrawal of said male member from said sections.

ISIDORE GOLDBERG.