S. ROSENTHAL AND S. D. BRIGHTMAN.

BELT BUCKLE.

APPLICATION FILED DEC. 29, 1920.

1,389,459. Patented Aug. 30, 1921.

Fig. 1.

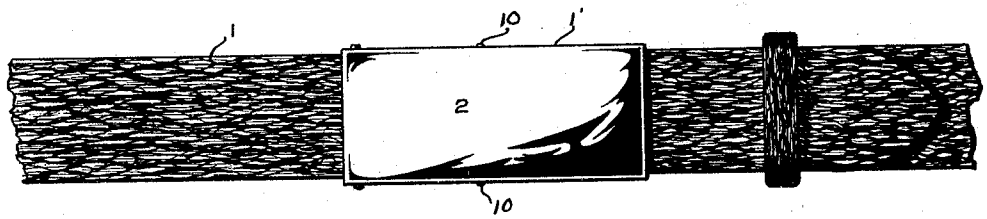


Fig. 2.

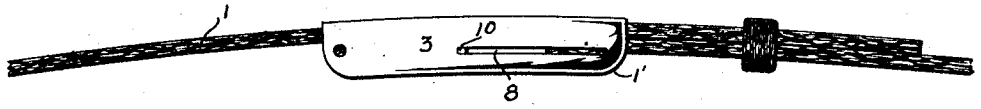


Fig. 3.

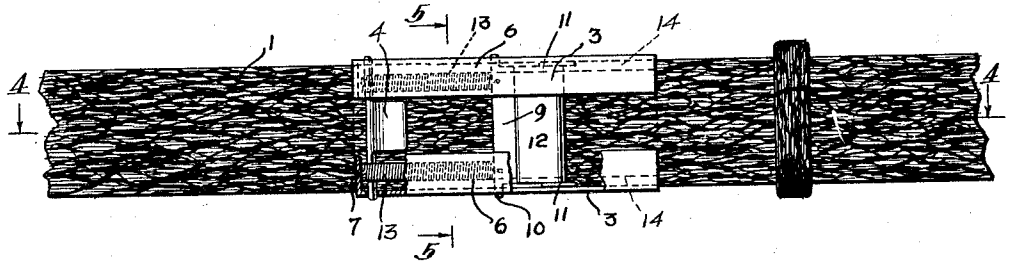


Fig. 4.

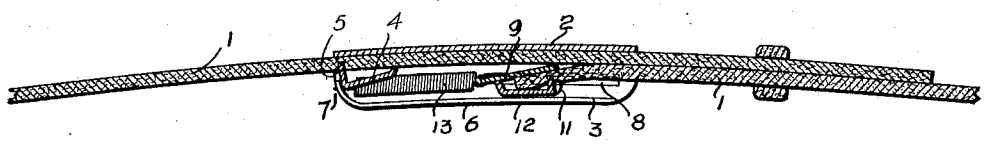
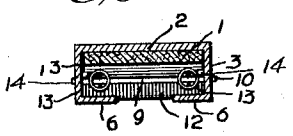


Fig. 5.



WITNESSES

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SAMUEL ROSENTHAL, OF NEW YORK, AND SAMUEL D. BRIGHTMAN, OF BROOKLYN, NEW YORK.

BELT-BUCKLE.

1,389,459. Specification of Letters Patent. Patented Aug. 30, 1921.

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To all whom it may concern:

Be it known that we, SAMUEL ROSENTHAL and SAMUEL D. BRIGHTMAN, both citizens of the United States, and residents of the city of New York, boroughs of Manhattan and Brooklyn, respectively, county of New York and Kings, respectively, and State of New York, have invented a new and Improved Belt-Buckle, of which the following is a full, clear, and exact description.

This invention relates to improvements in belt buckles, an object of the invention being to provide a device of this character which has a yielding connection with one end of the belt so that a certain amount of expansion is permitted.

A further object is to provide a buckle especially designed for concealing this expanding mechanism and guarding it from contact with the clothing of the wearer.

A still further object is to provide a buckle which will be neat and attractive in appearance, strong, durable and efficient in use, simple and practical in construction, and comparatively inexpensive to manufacture.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts to be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings:

Figure 1 is a view in front elevation of our improved buckle in applied position.

Fig. 2 is an edge view of Fig. 1.

Fig. 3 is a view in rear elevation.

Fig. 4 is a view in section on the line 4—4 of Fig. 3.

Fig. 5 is a view in section on the line 5—5 of Fig. 3.

Referring in detail to the drawing, 1 represents a belt and 1′ represents our improved buckle in applied position thereon. The buckle is in the form of a plate 2 having inwardly extending flanges 3 at its side edges. The flanges 3 provide mounting for a hinged, toothed, angular clamping plate 4, the toothed edge 5 of which may be swung to clamp the free end of the belt against the under face of the plate.

Each of the flanges 3 at its edge is integral with an inwardly extending guard plate 6 parallel to the plate 2. The guard plates 6 are formed with upstanding lugs 7 at their ends adjacent the clamping member 4.

The flanges 3 are provided with relatively long alined slots 8 therein. A plate 9 is integral with a pair of laterally extending lugs 10 movable in the slots. A pair of perforated ears 11 on the plate 9 provide mounting for a pivoted clamping member 12 adapted to clamp one end of the belt against the plate 9 as shown in Fig. 4.

Coil springs 13 connect the lugs 7 with the edge of the plate 9 and normally maintain the lugs 10 in those ends of the slots 8 which are adjacent the cross bar 5.

In view of the construction above described, it will be readily seen that one end of the belt is permanently yieldingly connected to the buckle, and the other end may be removably held thereby. One of the peculiar advantages of the construction is the yielding or elastic connection which is obtained without spoiling the attractive external appearance of the buckle. The guard plates 6 serve to prevent engagement of the springs with the clothing of the wearer.

The belt may be adjusted to give when the wearer assumes a stooping posture or breathes deeply, and will at all times assure a maximum of comfort and a minimum of wear on the buckle and belt. The lugs 10 may be successfully retained in the slots by turning a strip of the flanges inwardly at one end of the slot 8 as shown at 14, to provide a guide track upon which these lugs are movable.

Various slight changes and alterations might be made in the general form and arrangement of the parts described without departing from the invention, and hence we do not limit ourselves to the precise details set forth but consider ourselves at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

What we claim is:

1. In a belt buckle, a plate, flanges at the sides of the plate, guards extending inwardly from the flanges, lugs carried by one end of the guards, said flanges having longitudinal slots therein, a plate slidable in the slots, means for clamping one end of a belt to the slidable plate, means for clamping the other end of the belt against the first-

mentioned plate and coiled springs connecting the lugs and the second-mentioned plate and located between the guard and the belt.

2. The combination with a belt buckle including a plate, of a belt, compression springs connecting said buckle and one end of said belt, the other end of said belt being passed between said plate and the first-mentioned end of the belt, said end extending beyond the end of the plate and means locking said end to the plate whereby the first-mentioned end of the belt is slidable under the other end of the belt when the springs are expanded by the breathing of a wearer.

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