

Nov. 20, 1928.

1,692,418

A. PRIMAK

BELT BUCKLE

Filed Sept. 26, 1925

Fig. 1.

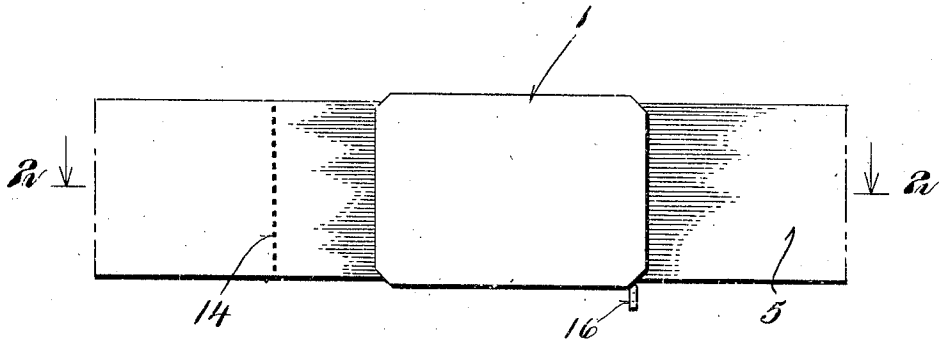


Fig. 2.

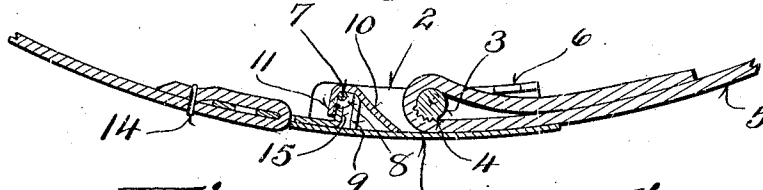


Fig. 3.

Fig. 4.

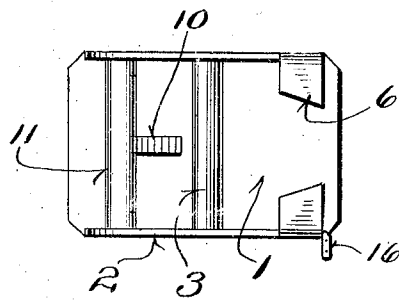
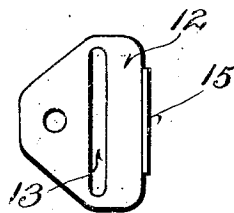
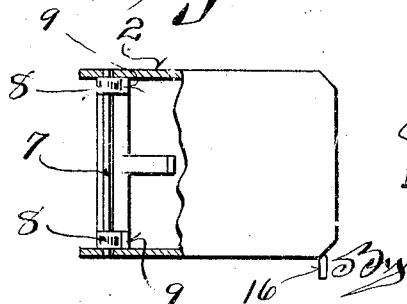


Fig. 5.



Inventor
Adam Primak

Wm. H. Morris
Attorney

UNITED STATES PATENT OFFICE.

ADAM PRIMAK, OF MILWAUKEE, WISCONSIN.

BELT BUCKLE.

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This invention relates to buckles.

Objects of this invention are to provide a belt buckle which will adjustably and detachably receive the belt at one end, and which is provided with means for permitting the quick detaching of the other end of the belt from the buckle so that the adjustment need not be disturbed when applying or removing the belt.

Further objects are to provide a belt buckle in which a front plate completely covers the mechanism of the buckle, in which no projecting tongues adapted to engage apertures in the belt are employed, and in which a plain imperforate belt may be used.

An embodiment of the invention is shown in the accompanying drawings, in which:—

Figure 1 is a face view of the buckle.

Figure 2 is a sectional view on the line 2—2 of Figure 1.

Figure 3 is a detail of the detachable portion of the buckle.

Figure 4 is a rear view of the buckle with the detachable portion and the belt removed.

Figure 5 is a face view of the structure shown in Figure 4 with parts broken away.

The buckle comprises a body plate 1 provided with rearwardly turned flanges 2, as most clearly developed in Figure 2.

An eccentrically mounted roller 3 is pivotally carried between the flanges 2 and is preferably provided with teeth or corrugations 4 on the side most remote from the axis of rotation, as brought out in Figure 2.

The adjustable end of the belt 5 is adapted to be passed around the roller 3 between such roller and the body plate 1 and to be wrapped around the roller and slipped beneath the inwardly projecting lugs 6 carried by the side flanges 2, as most clearly brought out in Figures 2 and 4.

The other end of the buckle is provided with a transverse pin 7 about which the arms 8 of a short plate are wrapped to retain the plate in position. This plate is further provided with forwardly extending feet 9 which contact with the inner face of the body plate 1. It is provided with a tongue 10 which slants towards the body plate 1, as developed in Figure 2, and which serves to guide the free end of the strap outwardly from the buckle while it is being threaded beneath the roller 3. The plate is further provided with an inwardly projecting lug 11 which extends towards the body plate and is spaced therefrom. It will be seen, therefore, that the lip

11 is rigidly held in position by the feet 9 and the tongue 10 of this short plate.

The detachable portion of the buckle may comprise a trapezoidal plate 12 provided with a slot 13 through which the nonadjustable end of the belt is threaded. This nonadjustable end is folded backwardly and secured by stitching or other fastenings 14, as indicated in Figures 1 and 2. If desired, the free end of the belt may be riveted to the plate 12 or detachable portion of the buckle. This detachable portion is provided with an outwardly extending short lip 15 which, as shown in Figure 2, is adapted to hook behind the lip 11 when it is rocked into position and to thereafter temporarily and securely lock the nonadjustable end of the belt to the buckle.

It is apparent that the length of the plate 12 may be varied as occasion demands so that the body portion of the buckle 1 may contact with the folded portion of the belt, as shown in Figure 2, or may overlap such portion, if desired. It is preferable to provide the body portion 1 with an eyelet 16 which is adapted to receive a watch chain and which thus provides a neat and attractive attachment therefor.

It will be seen that a novel form of belt buckle has been provided which may be readily formed from sheet metal and easily curved during formation to the contour of the body, as indicated in Figure 2, and in which a body plate is provided which fully houses all of the operating mechanism of the buckle, and thus presents a very attractive appearance.

It will be seen further that the exact adjustment desired for the belt may be most readily attained by manipulating the adjustable end thereof with reference to the roller 3, such roller, when tension is applied to the belt, rocking into its binding position, as shown in Figure 2, and firmly clamping the belt against the body plate.

Further, the belt may be easily loosened for readjustment if desired, by merely pushing the free end of the belt inwardly thus rotating the roller 3 in a clockwise direction, as shown in Figure 2.

The nonadjustable end of the belt is most easily attached and detached with reference to the body portion of the buckle by merely rocking the plate 12 and slipping the tongue 15 behind the tongue 11 to thus cause interlocking of such tongue.

Although the invention has been described in considerable detail, it is to be understood that the invention may be variously embodied and is, therefore, to be limited only as claimed.

I claim:

The combination of a belt, a buckle having a body portion provided with outwardly turned marginal flanges, a transversely extending member carried between said flanges adjacent one end of the body portion and having a lip extending towards and spaced from the body portion, said member having a slanting extension projecting towards the center of the body portion and contacting therewith, the other end of said body portion having

inwardly turned lugs and having a locking transversely extending member located between and spaced from said slanting extension and said last mentioned lugs, one end of said belt being wrapped about said transversely extending locking member and having its end positioned beneath said last mentioned intumed lugs, a second member secured to the other end of said belt and having a right angular lip adapted to interlock with said first mentioned lip.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin.

ADAM PRIMAK.