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S. MISHKIN ET AL

2,634,476

WINDOW BUCKLE

Filed Nov. 8, 1949

FIG. 1

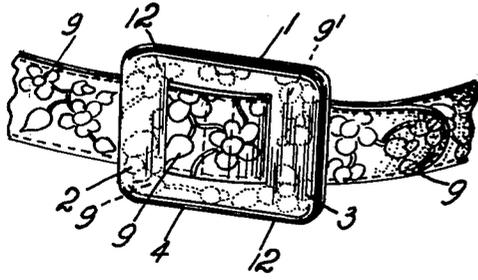


FIG. 2

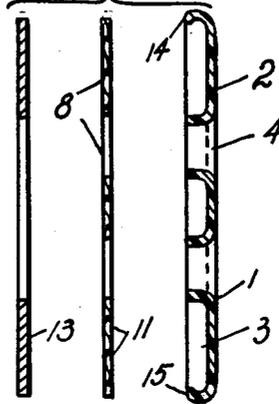


FIG. 3

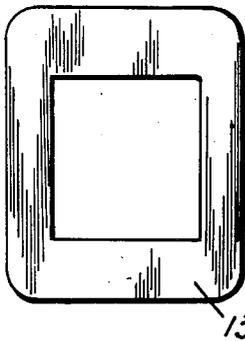


FIG. 4

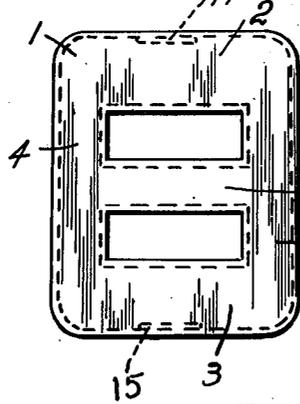


FIG. 5

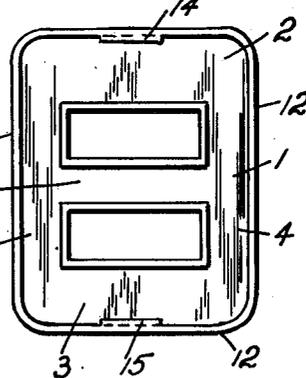


FIG. 6

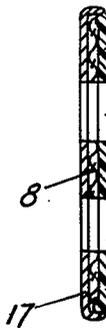


FIG. 7

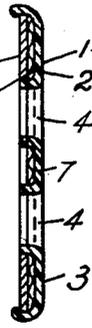
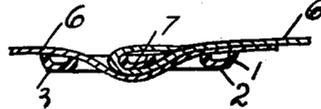


FIG. 8



FIG. 9



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WINDOW BUCKLE

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4 Claims. (Cl. 24-163)

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Our invention relates to a window buckle, particularly for belts, and so that the pattern on the belt may be seen and also matched with the visible parts of the belt buckle.

Among the purposes and objects of our invention are to provide a buckle having a transparent front and a hollow back for framing the material and pattern which also finish the belt; the ends of which are secured together by the buckle.

Another object is to provide a transparent plastic belt buckle having bars at the ends and sides, behind which the pattern of the belt may be seen.

A further object is to provide a buckle having end and side bars, and a back plate for holding a patterned piece similar to the belt facing, between the transparent bars of the buckle and the back plate, so that the belt in being secured in use passes over a center bar between the side bars to provide a frame around the exposed portion of the belt within the bars, as well as to provide a similar pattern visible through the transparent bars themselves.

Still another object is to provide a transparent buckle front comprising end, center, and side bars, and a patterned piece and a back plate both shaped to conform with said bars, and to cooperate therewith to complete the bars of the belt buckle.

To accomplish the foregoing objects, and such other objects as may hereinafter appear, our invention resides in the belt buckle elements, and their relation one to another, as are hereinafter more particularly described in the following specification. The specification is accompanied by a drawing, in which:

Fig. 1 is a perspective view of a belt portion and buckle assembly embodying features of our invention;

Fig. 2 is an exploded sectional view showing the front and back plate and fabric lining;

Fig. 3 is an elevation of the back plate;

Fig. 4 is a front view of the front part of the buckle;

Fig. 5 is a rear view of the front part of the buckle;

Fig. 6 is a longitudinal section showing a slightly modified form of the invention;

Fig. 7 is a longitudinal section through a buckle of the preferred form shown in Figs. 2 through 5 of the drawing;

Fig. 8 is a longitudinal section showing how the ends of a belt may be frictionally held by the buckle; and

Fig. 9 is a similar longitudinal section showing one end of the belt secured to the center bar of the buckle.

We are aware that the use of transparent covers for pins, buttons and buckles is not new, and also that buckles having end, side and center bars for belts are quite common.

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In accordance with our invention the front part of the buckle is made up of bars which are transparent in part, and provided with a conforming back plate so that a conforming patterned piece made of material like the belt facing or finish may be disposed between the transparent front and the back plate. The several bars of the buckle then show the same material or pattern as the face of the belt. The face of the belt is exposed at and beyond the end bars of the buckle, and also is framed within the end and side bars of the buckle, so that the whole buckle within its edge margins has the appearance of the material or pattern characterizing the face of the belt itself.

We have not attempted to show all possible modifications of our window buckle, but rather have described in detail a preferred embodiment, so that the construction may be more easily followed by one skilled in the art to which our invention pertains. Modifications may suggest themselves, after a study of the disclosure, which may be made without departing from the principles which underlie our invention, and which are sought to be set forth in the appended claims.

The preciseness of the detailed description and the preciseness of the drawing are not intended to limit the scope of our invention.

Referring to the drawing we have shown our buckle generally designated 1 as comprising the end bars generally designated 2 and 3, and side bars generally designated 4 and 5, visible to view when the belt 6 is secured at both ends in the usual manner, one or both ends passing under the end bars and up over the center bar 7.

The end bars and side bars, in particular, are constructed of transparent material so that a patterned piece 8 which is secured to, or within the back of the buckle may be readily seen from the front of the buckle. The pattern 9 (Fig. 1) on the face of the belt is preferably the same as the patterns 9' on the face 11 of the patterned piece 8, so that the buckle and belt match and both the pattern on the belt and the pattern on the patterned piece are visible within the outer margin 12 of the buckle; the pattern on the belt being visible between the end bars and side bars, and the pattern on the patterned piece being visible through the ends bars and side bars.

One end of the belt may be folded over and around the center bar and secured to itself, to secure the belt to the buckle as shown in Fig. 9 of the drawing, or both of the ends may be passed under and behind the end bars and over and in front of the center bar from opposite directions, as shown in Fig. 8 of the drawing.

The back of the buckle is closed by the back plate 13 after the patterned piece has been inserted. The back plate and patterned piece are preferably of a size and shape to enter the hollow

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back of the buckle within the end and side bars so that the back plate is flush with the back of the buckle. Lugs 14 and 15 are provided to secure the back plate in place and thus to provide the buckle with a pattern to match the pattern on the belt or its facing. The back plate is preferably of springy or resilient material and thus may be temporarily curved to enter under the lugs and to be held in place by the lugs when it resumes its normal flat position in place within the hollow back of the buckle and its several bars.

Fig. 7 is a longitudinal section generally similar to Fig. 2 but showing the parts in assembled relation, and shows how the back plate is held in position by the detent parts or lugs shown at 14 and 15 in Fig. 2.

In Fig. 6 we have shown a modification in which the back plate, instead of the front plate, is hollow or flanged. The back plate 17 is made hollow by the provision of a forwardly projecting peripheral flange to receive the patterned piece 8 and a transparent front part which includes transparent end bars 2' and 3' and center bar 7', as well as transparent side bars one of which is seen at 4'. In this modification these bars are solid or unflanged. However, the previously described form of the invention shown in Figs. 1-5 and 7-9 is preferred.

The size and material of the parts may vary to suit the style and use for which our belt is adapted.

It is believed that the construction and method of use of our improved belt buckle, as well as the advantages thereof, will be apparent from the foregoing description. It will also be apparent that while we have shown and described the invention in a preferred form, changes may be made without departing from the scope of the invention, as sought to be defined in the following claims.

We claim:

1. A belt buckle comprising a front part and a separable back plate, the front part being molded out of a transparent molding material and comprising bars connected to one another, at least some of said bars including a front wall and side walls or flanges projecting rearwardly from the front wall to form channels which are open to the rear at full width and adapted to receive therewithin fabric of mating configuration, said back plate having parts dimensioned to fit into the open channel-shaped bars of the front part of the buckle, said front part and said back plate having mating detent means for holding the parts in assembled relation with the fabric therebetween, said fabric when added being visible thru the transparent front of the buckle.

2. A belt buckle comprising a front part and a separable back plate, the front part being molded out of a transparent molding material and comprising end bars and a center bar connected by side bars, said end and side bars including a front wall and side walls or flanges projecting rearwardly from the front wall to form channels which are open to the rear at full width and adapted to receive fabric of mating configuration, said back plate having ends and sides dimensioned to fit into the channel-shaped bars of the front part of the buckle, said front part and said back plate having mating detent means for holding the parts in assembled relation with the aforesaid fabric therebetween, said fabric and back plate being substantially coextensive in area

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with the front walls of the channels of the front part, and said fabric when added being visible thru the transparent front of the buckle.

3. A belt buckle comprising a front part and a separable back plate, the front part being molded out of a transparent molding material and comprising end bars and a center bar connected by side bars, said end and side bars including a front wall and side walls or flanges projecting rearwardly from the front wall to form a continuous rectangular channel which is open to the rear at full width and adapted to receive a piece of fabric of mating configuration, said back plate being rectangular and having ends and sides dimensioned to fit into the channel-shaped bars of the front part of the buckle, said front part and said back plate having mating detent means for holding the parts in assembled relation with the aforesaid piece of fabric therebetween, said fabric and back plate being substantially coextensive in area with the front wall of the channel of the front part, and said fabric when added being visible thru the transparent front of the buckle.

4. A belt buckle for use with a belt made of fabric having a pattern, said buckle comprising a front part and a separable back plate, the front part being molded out of a transparent molding material and comprising end bars and a center bar connected by side bars, said end and side bars including a front wall and side walls or flanges projecting rearwardly from the front wall to form a continuous rectangular channel which is open toward the rear at full width and adapted to receive a piece of fabric of mating configuration and having the same pattern as the belt, said back plate being rectangular and having ends and sides dimensioned to fit into the open channel-shaped bars of the front part of the buckle, said front part and said back plate both being made of somewhat resilient material and having mating detent means for detachably holding the parts in assembled relation with the aforesaid piece of fabric therebetween, said fabric and back plate being substantially coextensive in area with the front wall of the channel of the front part, said fabric when added being visible through the transparent front of the buckle, and said belt passing under the end bars and over the center bar and thus being visible within the aforesaid transparently housed piece of matching fabric.

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