E. N. HUMPHREY.

BUCKLE ATTACHMENT.

APPLICATION FILED JUNE 25, 1913.

1,125,023.

Patented Jan. 12, 1915.

2 SHEETS—SHEET 1.

Fig. 2.

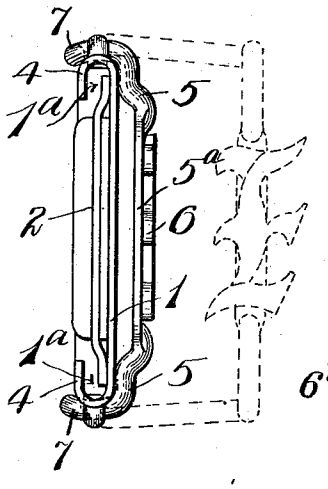


Fig. 1.

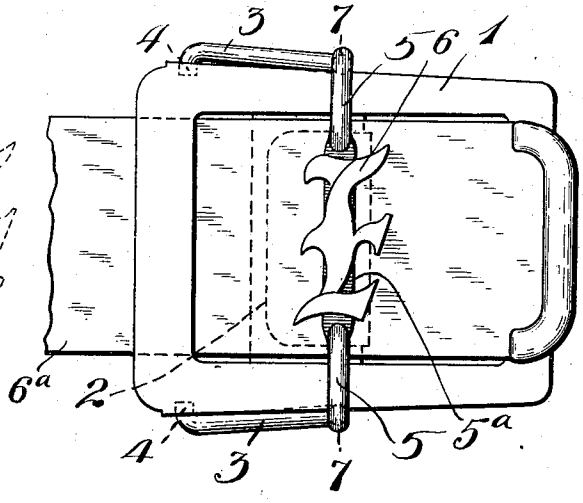


Fig. 4.

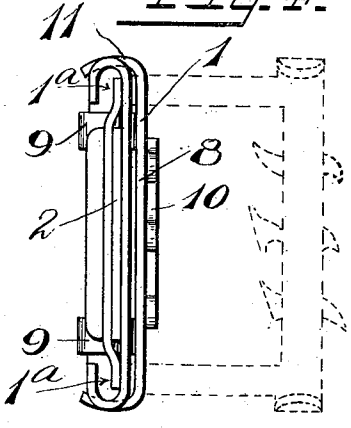
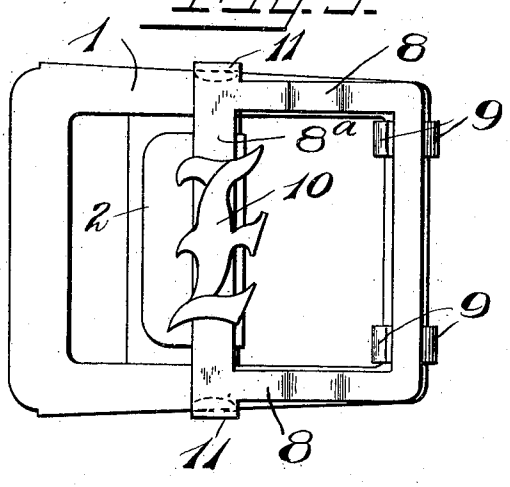


Fig. 3.



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2 SHEETS—SHEET 2.

Fig. 5.

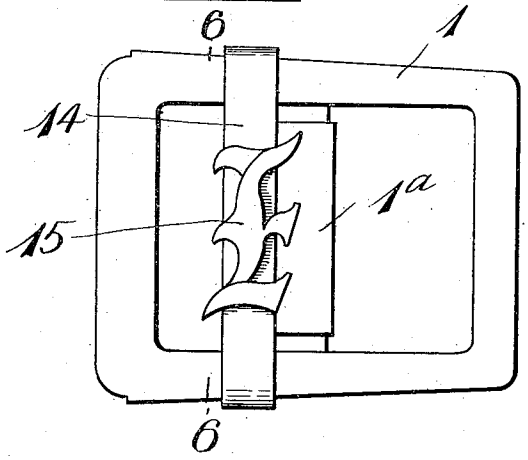


Fig. 6.

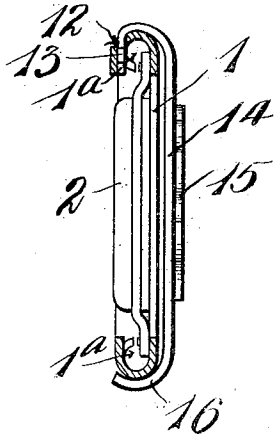
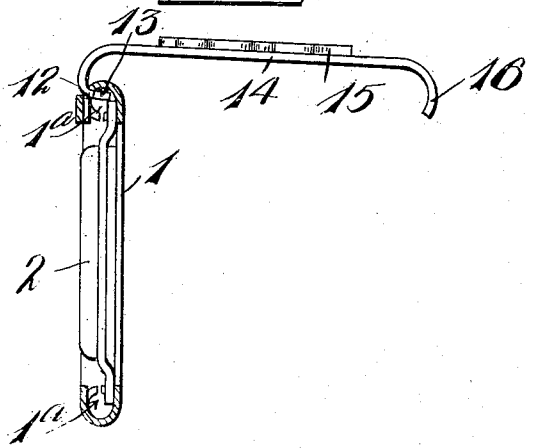


Fig. 7.



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BUCKLE ATTACHMENT.

1,125,023. Specification of Letters Patent. Patented Jan. 12, 1915.

Application filed June 25, 1913. Serial No. 775,665.

To all whom it may concern:

Be it known that I, ERNEST N. HUMPHREY, a citizen of the United States, residing at New Britain, Hartford county, State of Connecticut, have invented certain new and useful Improvements in Buckle Attachments, of which the following is a full, clear, and exact description.

This invention aims to provide a simple and efficient ornament-carrying attachment for buckles, arranged to be applied to buckle frames of standard make without substantial alteration of the structure of the frame, and providing a means whereby the attachment may be moved relative to the frame to permit threading of the fabric or web therethrough, and whereby the attachment may be detachably locked to the frame in operative ornamental position thereon.

Preferable embodiments of the invention are described in detail in the following specification, taken in connection with the accompanying drawings forming part thereof, and in which,

Figure 1 is a top plan view of a buckle of the "slide" type having one form of my attachment applied thereto. Fig. 2 is a view in end elevation of the parts shown in Fig. 1, the attachment being shown in raised position in dotted lines. Fig. 3 is a top plan view of a slide buckle having a modified form of attachment applied thereto. Fig. 4 is an end view of the part shown in Fig. 3, the attachment being shown in raised position in dotted lines. Fig. 5 is a top plan view of a slide buckle having a further modified form of my invention applied thereto. Fig. 6 is a transverse vertical section on the line 6—6 of Fig. 5. Fig. 7 is a view similar to Fig. 6 but with the ornament-carrying bar shown in raised position.

Referring to the drawings by numerals, 1 indicates the ordinary rectangular frame of a standard buckle of the "slide" type, the clamping slide being indicated at 2. In buckles of this type, a channel, such as 1^a is provided in the under side of the buckle in which the slide portion 2 moves.

In the form of my invention shown in Figs. 1 and 2, I provide an attachment formed of an integral piece of spring wire, this wire being provided with complemental hinging arms 3, the ends of which are bent and inserted within the channeled portion of the buckle frame. The outer ends of these arms are cranked to provide complemental offsets 7 forming spring clasps and are extended therefrom to provide a bar 5 extending across the buckle frame intermediate its ends and substantially centrally thereof, this bar 5 being preferably flattened as at 5^a to receive a suitable ornament 6, such as an initial, which may be applied thereto by any suitable means. This attachment being hinged to the frame of the buckle may be swung to and from said frame. When moved toward the frame to bring the bar 5 in engagement with the face thereof, the offsets 7 spring over the edges of the frame and detachably lock the attachment with its ornament-carrying bar 5 superposed thereon in operative ornamental position. When it is desired to withdraw the strap or web from the buckle, it is only necessary to swing the hinged attachment forwardly so that the web 6^a may be withdrawn or may be threaded therethrough. The bar 5 overlies the end of the web or strap 6^a and exposes the end on both sides of the bar, as clearly shown on Fig. 1.

Instead of using wire for the attachment, I may employ an integral sheet metal attachment, such as shown in Figs. 3 and 4 wherein 8 designates a substantially rectangular frame having ears 9 extending from one end thereof and bent around one end of the buckle frame to journal the attachment thereon. This sheet metal frame is provided with a bar member 8^a extending across the frame intermediate its ends and substantially centrally thereof. A suitable ornament, such as the initial 10 shown may be secured to this bar by any suitable means. In order to provide means for detachably locking the frame and its ornament-carrying bar to the buckle frame, the ends of the bar 8^a are extended and bent downwardly to provide the complemental spring clasp members 11 which, when the frame 8 is moved toward the buckle frame 1, will spring over the edges thereof and detachably lock the attachment thereon and in operative ornamental position. It will, of course, be understood that this frame may be detached from such position, as in the first form of the invention described.

A still further modification is illustrated in Figs. 5–7 inclusive in which a single integral bar of sheet metal is employed instead of the rectangular frame hereinbefore described. This single bar may be hinged to

the buckle frame by providing a slot 12 in the channeled edge 1^a thereof through which the bent end 13 of a bar member 14 is inserted. This bar member will extend transversely of the buckle frame between its ends and substantially centrally thereof, and may carry a suitable ornament 15 attached thereto in any appropriate manner. It is of course desirable to provide means whereby the bar may be detachably locked to the buckle frame to lie in superposed display or ornamental position. To this end the free end of the bar is provided with a bent under portion 16 forming a spring clasp which, when the bar is swung toward the frame, will snap over the edge of the frame and detachably lock the bar thereto in superposed transversely extending position. In this as in the other forms of the attachment heretofore described, the ornament-carrying bar may be detached from engagement with and swung away from the buckle frame to permit adjustment or threading of the web or strap therethrough.

While, therefore, I have described and illustrated specific embodiments of the invention, it will be understood that various structural changes are possible within the spirit of the invention and the scope of the appended claim.

What I claim, therefore, and desire to secure by Letters Patent is:

In a slide buckle, a buckle frame, a belt-clamping member comprising a slide movable to and fro in said frame at one end thereof, a bar supported transversely of the frame adapted to overlie the space to be occupied by the end of a belt engaged by said clamping slide and expose said end on each side of said bar, a hinged connection between said bar and said frame allowing said bar to be elevated to free the end of said belt, and said bar provided with means to detachably lock said bar in the position in which it extends across the frame.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."