

Feb. 12, 1924.

F. J. SCHWERD

1,483,853

BUCKLE

Filed Feb. 23, 1923

Fig. 1.

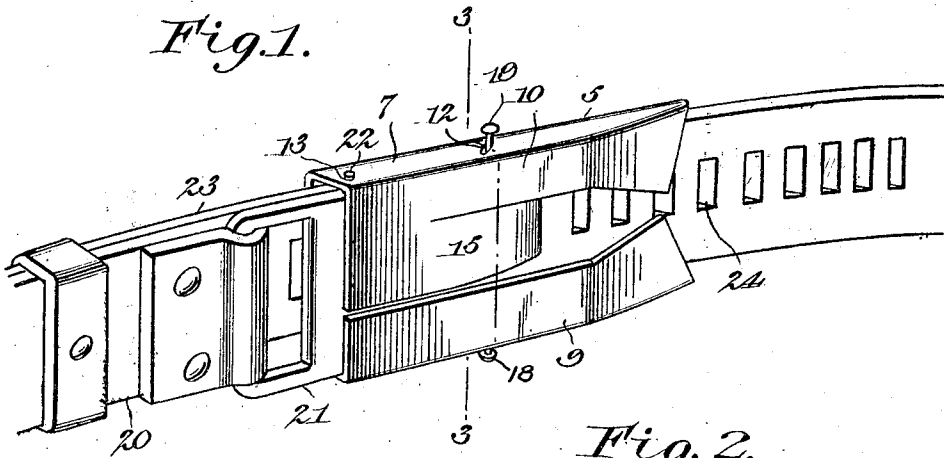


Fig. 2.

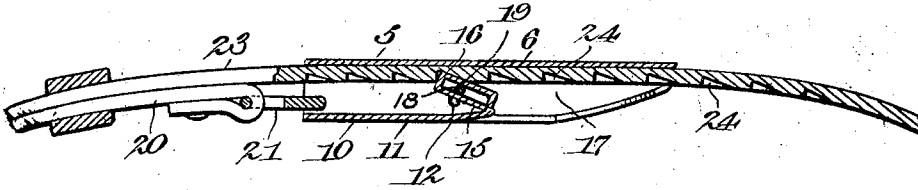


Fig. 3.

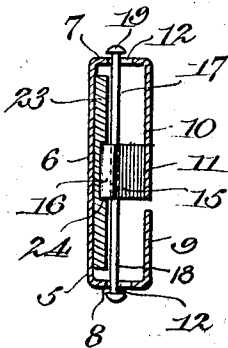
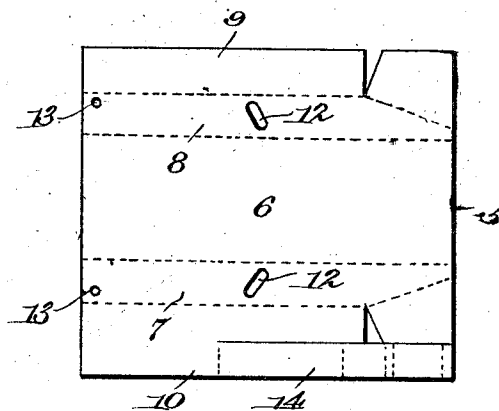


Fig. 4.



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BUCKLE.

Application filed February 23, 1923. Serial No. 620,775.

To all whom it may concern:

Be it known that I, FRANCIS J. SCHWERD, a citizen of United States, residing at New York city, in the county of New York and State of New York, have invented new and useful Improvements in Buckles, of which the following is a specification.

This invention relates to buckles and more particularly to a belt buckle.

The principal object of the invention is the provision of a buckle which is capable of preventing a belt from slipping when it is applied to the wearer.

Another object of the invention resides in the provision of a buckle adapted to be formed from a single piece of material whereby the cost of manufacture is reduced to a minimum.

A further object of the invention resides in the construction of a buckle which is neat in appearance, easy and quick to adjust and consisting of relatively few parts.

With these and other objects in view, the invention resides in certain novel construction and combination and arrangement of parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claims, and are illustrated in the accompanying drawing, in which:—

Figure 1 is a perspective view of my improved buckle showing the belt attached.

Figure 2 is a horizontal section view therethrough.

Figure 3 is a vertical sectional view on the line 3—3 of Figure 1.

Figure 4 is a plan view of the blank from which the buckle is formed.

Referring more particularly to the drawings, the invention consists of a frame 5, the same being formed from a single blank of rectangular material. By reference to Figure 4 the blank is bent to form a front wall 6, top wall 7, bottom wall 8, and portions 9 and 10 serving to form a rear wall 11. The top wall 7, and the bottom wall 8 are identical in construction and each is provided with a slot 12 and an opening 13, the said slots 12 and openings 13 being in vertical alignment when the blank is folded as is shown in Figures 1, 2 and 3 of the drawing. The portion 10 of the frame of the rear wall is slit to provide a tongue 14 adapted to be bent so as to form an engaging means 15, and in the present instance the same comprises a yieldable catch 16. The frame

is provided with a guideway 17, between the front wall 6 and rear wall 11 into which the engaging means 15 extends.

A retracting means 18 is employed for co-action with the engaging means 15. In the present instance the means 18 comprises a pin or rod 19 having manipulating portions formed on its ends and capable of movement in the slots 12 of the frame. From the construction it will be apparent that by moving the pin 19 toward the rear of the frame, the yieldable catch will be retracted, thereby permitting the free passage of a belt 20.

The belt 20 is suitably connected to the frame 5 by means of a bail 21 which in turn is provided with trunnions 22 having bearings in the openings 13 of the top and bottom walls. The free end of the belt is shown at 23 and is provided with a plurality of notches or recesses 24 which when the free end of the belt is inserted in the guideway 17 the notches or recesses 24 will co-act with the yieldable catch 16.

In operation, the free end 23 of the belt is inserted in the guideway 17 to the desired adjustment and is held therein by means of the yieldable catch 16 engaging the notches or recesses 24. By reason of the catch 16 constantly pressing the belt against the front wall 6, a binding action is set up between the catch 16 and the front wall 6 making it practically impossible for the belt to slip from its adjusted position. When it is desired to adjust the belt or remove the free end from the buckle, the catch 16 is retracted by means of a pin 19 in the manner already described.

Having described what I consider to be the preferred form of my invention, I wish it to be understood that changes, alterations and modifications as come within the claims may be resorted to when desired.

What is claimed as new is:—

1. A buckle including a frame having a portion struck-up therefrom for yielding engagement with the free end of a belt and a part of the frame correlated to the struck-up portion to co-act therewith, and means for retracting said upstruck portion.

2. A buckle including a frame having a front wall and a rear wall, and means stamped from said rear wall and adapted to co-act with the free end of a belt for securely holding the same in clamping engagement with the front wall.

3. A buckle including a frame having a

front wall and a rear wall integral therewith, a guideway between, a belt connected at one end of said frame, and adapted to have its free end inserted in said guideway, and yieldable engaging means struck-up from the rear wall of said frame and extending into said guideway for co-action with the free end of said belt, and means for retracting said engaging means. 15

4. A buckle including a frame having a front and rear wall integral therewith, a guideway between, a belt connected at one

end of said frame, and adapted to have its free end inserted in said guideway, and yieldable engaging means struck-up from the rear wall of said frame and extending into said guideway for co-action with the free end of said belt, and means for retracting said engaging means. In testimony whereof I have affixed my signature.

FRANCIS J. SCHWERD.