Jan. 30, 1923.

H. H. TAYLOR ET AL.

1,443,599.

ADJUSTABLE BUCKLE.

FILED OCT. 16, 1922.

FIG. 1.

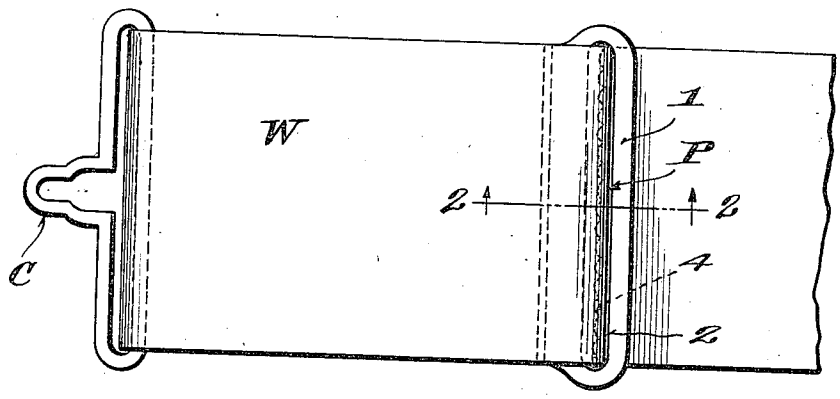


FIG. 2.

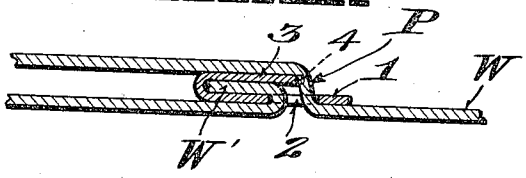


FIG. 3.

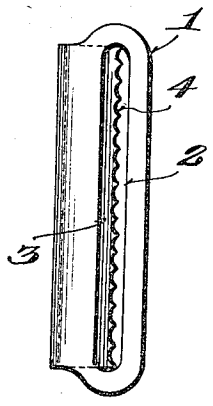
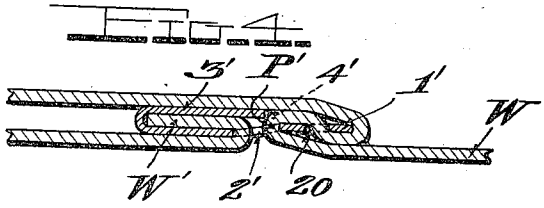


FIG. 4.



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UNITED STATES PATENT OFFICE.

HENRY H. TAYLOR AND MYRON B. HAMMOND, OF BRIDGEPORT, CONNECTICUT, ASSIGNORS TO THOS. P. TAYLOR COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

ADJUSTABLE BUCKLE.

Application filed October 16, 1922. Serial No. 594,722.

To all whom it may concern:

Be it known that we, HENRY H. TAYLOR and MYRON B. HAMMOND, both citizens of the United States, residing at the city of Bridgeport, county of Fairfield, and State of Connecticut, have invented certain new and useful Improvements in Adjustable Buckles; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains, to make and use the same.

This invention relates to certain new and useful improvements in combined slide buckles and clips and pertains more especially to a buckle which has the clip that is usually secured to the free end of the webbing or elastic made integral therewith.

The object of the clip of the present invention is to not only afford a finish for the webbing end edge and to prevent unraveling, but to also provide means for preventing drawing movement of the webbing through the buckle by constant use, which would cause difficulty to the user in any attempt of the latter to properly thread the buckle.

It further frequently happens that the constant strain on the webbing will pull the clip so tight against the edge of the sliding buckle as to result in the clip being pulled off of the buckle, the present invention aiming to overcome this defect by providing a structure wherein it is impossible for the webbing to pull loose from the clip.

The invention also has for its object the simplification and cheapening of the construction, since by making the clip integral with the buckle, both are stamped from sheet metal in a single operation.

In the drawings:

Figure 1, is a side elevation of the invention applied to one end of a garter;

Figure 2, is a section on line 2—2 of Figure 1;

Figure 3, is a plan view of the combined slide buckle and clip; and

Figure 4, is a section similar to Figure 2 of a modified form of the invention.

In the drawings, the present invention is illustrated in connection with the webbing W of one end of a garter, the latter having a female clasp C. The invention resides in a sliding buckle 1 slotted at 2 to receive the webbing W. The inner side of the body of the buckle is turned outwardly and then inwardly to form a clip 3 which latter is engaged on top of the free end W′ of the webbing so as to tightly hold or clamp the end W′ as depicted in Figure 2. The free side edge of the clip 3 may be roughened or serrated at 4 and extends slightly beyond the turned over part of the end W′ so as to bite into or against the inclined part P of the webbing that extends through the slot 2. In this manner after the buckle has been slid or adjusted, slipping of the buckle is positively prevented. In Figure 4 a modified form of the invention is disclosed and wherein two slots 2′ and 20 are employed in lieu of the single slot 2 in the remaining figures of the drawings. In this form the clip 3′ clamps the free end of the webbing W′ onto the buckle body 1, and has a serrated free side edge 4′ which bites against the part P′ of the webbing that extends up through slot 2′, the webbing then extending downwardly, through slot 20 under body 1′, and up over the latter and over the clip 3′, as in Figure 2 of the drawings.

The number of slots employed are immaterial and the invention is accordingly not restricted to the number, since the latter may vary as desired.

In both forms of the invention the function of the clip is identical, and the free or biting edge 4 of the clip is in alinement with approximately the center of the slot 2 in Figure 2, and 2′ in Figure 4 so that when the webbing is threaded as shown the parts P and P′ thereof respectively will be engaged by the edges 4 and 4′ preventing slippage after adjustment. In Figure 4 it will be noted that there are no metal parts whatever exposed, the webbing completely covering the parts.

What is claimed is:—

1. A combined slide buckle and clip for use with webbing consisting of a body having a slot through which a part of the webbing passes, and a clip integral with the body and formed by extending the inner side of the body outwardly and inwardly to clamp the free end of the webbing between the clip and the upper face of the body, the free side edge of the clip being disposed in alinement with substantially the center of the slot and being engaged with the said

part of the webbing that passes through the slot so as to prevent slippage of the buckle after adjustment.

2. A combined slide buckle and clip for use with webbing, composed of a slotted body receiving the webbing through the slot and a clip integral with the body and formed to clamp the free end of the webbing against the body, the free side edge of the clip extending over the slot to grip the part of the webbing that passes through the slot.

3. In a combined slide buckle and clip for use with webbing, a body having a web-receiving slot and having a clip-forming part overlying the body and extending over the slot, the clip being formed to clamp the free end of the webbing to the body and having a free side edge formed to grip the said part of the webbing that extends through the slot.

4. In a combined slide buckle and clip for use with webbing, a body having a plurality of slots to receive the webbing, the latter being threaded into and out of the slots and extended around and over one side of the body, the other side of the body having an integral clip formed to clamp the free end of the webbing between itself and the body, the clip having a free side edge engaging the part of the webbing that extends through one of the slots.

In testimony whereof we affix our signatures.

HENRY H. TAYLOR.
MYRON B. HAMMOND.