

(No Model.)

J. A. TRAUT.

METHOD OF MAKING SUSPENDER BUCKLES.

No. 452,880.

Patented May 26, 1891.

Fig. 1

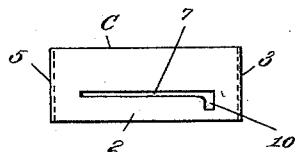


Fig. 3

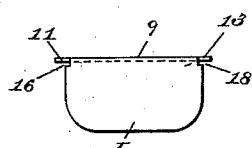


Fig. 2

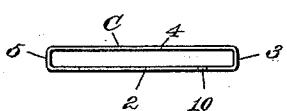


Fig. 4

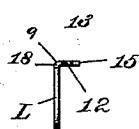


Fig. 6

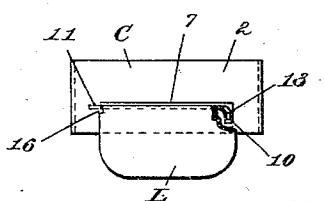


Fig. 5

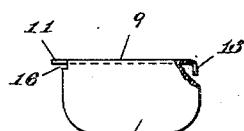
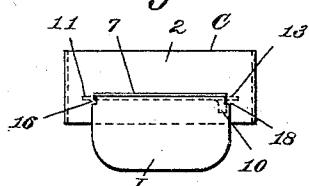


Fig. 7



Witnesses:

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UNITED STATES PATENT OFFICE.

JUSTUS A. TRAUT, OF NEW BRITAIN, CONNECTICUT.

METHOD OF MAKING SUSPENDER-BUCKLES.

SPECIFICATION forming part of Letters Patent No. 452,880, dated May 26, 1891.

Application filed September 29, 1890. Serial No. 366,499. (No model.)

To all whom it may concern:

Be it known that I, JUSTUS A. TRAUT, a citizen of the United States, residing at New Britain, in the county of Hartford and State 5 of Connecticut, have invented certain new and useful Improvements in Methods of Making Suspender-Buckles, of which the following is a specification.

This invention relates to buckles for suspenders, the object being to provide a method of making and assembling the web-case and the lever whereby each may be made of a single piece, as hereinafter more fully set forth.

In the drawings accompanying and forming 15 a part of this specification, Figure 1 is a front view of the buckle-frame or web-case. Fig. 2 is a top view of the same. Fig. 3 is a front view of the lever. Fig. 4 is an end view of the lever. Fig. 5 is a front view, partially 20 broken away, showing the lever prepared for insertion in the web-case. Fig. 6 shows the prepared lever inserted in the web-case. Fig. 7 shows the completed buckle.

Similar characters designate like parts in 25 all the figures.

The method of making suspender-buckles herein described is the method incidentally described in the prior Letters Patent, No. 446,543, granted to me February 17, 1891, for 30 an improvement in suspender-buckles. The frame or web-case C is of the nature of a short tube having the front plate 2, the back plate 4, and the two ends 3 and 5, connecting said front and back plates, substantially as shown 35 in the drawings. In the front plate of said frame is formed a slot 7, wherein the lever-plate L is pivotally supported. Said lever is bent at 9, and the working end thereof has its edge 15 provided with teeth for engaging 40 the suspender-web in the usual manner. On either side thereof, on the line where the lever is bent, the lever has notches, as 16 and 18, for engaging with the front plate 2 at the ends of said slot 7, as will be understood by 45 comparison of the several figures and as set forth in my aforesaid prior application. The inwardly-projecting end 12 of the lever is, at

least in part, malleable, and is extended side-wise to form the ears 11 and 13, which engage the front plate 2 on the inner side thereof. 50 The lever is prepared for assembling by having the malleable ear 13 thereof bent or shaped, as indicated in Fig. 5, so as to stand out of its normal position and to correspond substantially with the entrance-way 10, which is 55 formed at one side of the slot 7 in the front plate 2, as shown in Figs. 1 and 6. On said buckle parts being thus prepared the buckle-maker, taking the lever in hand, inserts the end 12 thereof through the slot 7 and slides 60 the same toward the left hand until the ear 11 is fully under the plate 2 at the left hand of the slot 7, as shown in Fig. 1. This brings the bent ear 13 of the lever over the entrance-way 10, so that on pressing down the same 65 said bent ear passes through said notch or entrance-way into the interior of the buckle-frame, as will be understood by inspection of Fig. 6. After this said ear is reshaped by means of suitable instruments inserted in the frame, 70 so as to stand in its original position (shown in Figs. 3 and 7) and under the front plate at the right hand of the slot 7. This completes the operation of assembling the buckle-frame and lever and leaves said lever pivotally supported in the frame and permanently connected thereto. 75

Having thus described my invention, I claim—

The herein-described method of making 80 frame-and-lever buckles, consisting in forming the frame with the continuous pivot-slot having the lateral notch at one end thereof, forming the lever with the side notches at the bend thereof for engaging the frame at the 85 ends of said slot and with one of its ears bent to stand crosswise to the lever-axis, inserting the lever into the frame, the bent ear passing through said notch, and straightening said ear within the frame.

JUSTUS A. TRAUT.

Witnesses:

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