

(No Model.)

S. Z. QUINT.
BUCKLE.

No. 536,043.

Patented Mar. 19, 1895.

Fig: 1.

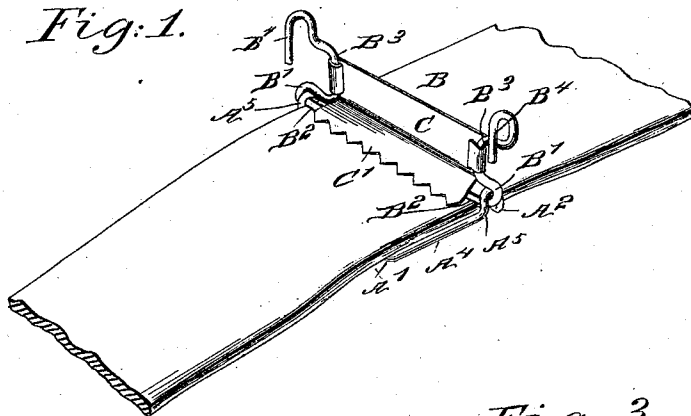


Fig: 2.

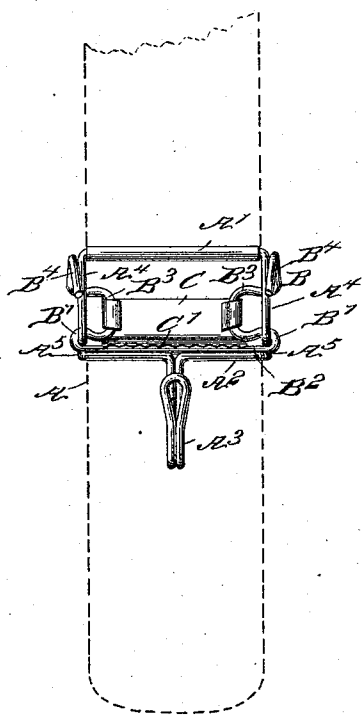
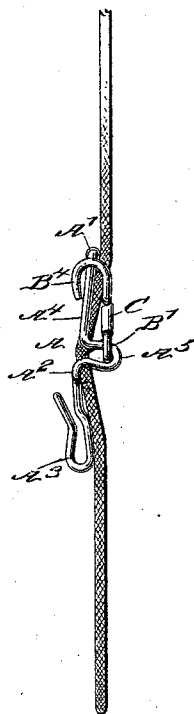


Fig: 3.



WITNESSES:

John A. Rennie.
Rev. G. H. Porter.

INVENTOR

S. Z. Quint
BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

SOLOMON Z. QUINT, OF NEW YORK, N. Y.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 536,043, dated March 19, 1895.

Application filed November 15, 1894. Serial No. 528,923. (No model.)

To all whom it may concern:

Be it known that I, SOLOMON Z. QUINT, of New York city, in the county and State of New York, have invented a new and Improved Buckle, of which the following is a full, clear, and exact description.

The invention relates to suspender buckles; and its object is to provide a new and improved buckle, which is simple and durable in construction and arranged to securely fasten into the web of suspenders or similar articles, and to permit of conveniently unlocking the buckle to shift the same on the web, to shorten or lengthen the suspender or other article as the case may be.

The invention consists of a main frame having a cross rod or bar extending over the web at the front thereof, and a clamping toothed bar adapted to engage the web at the back, opposite the said cross bar, and an auxiliary frame carrying the said toothed bar, and hinged on the said main frame and adapted to be locked thereto.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the views.

Figure 1 is a rear perspective view of the improvement. Fig. 2 is a front view of the same, and Fig. 3 is a side elevation of the same.

The improved buckle is provided with a main frame A, preferably formed of a single piece of wire bent to form the top cross bar A', and a clamping cross bar A² provided with a hook A³ extending from the middle, and adapted to receive the ring of the suspender ends in the usual manner. The cross bar A' is provided with the side arms A⁴, formed into eyes A⁵ connected with the cross bar A², as is plainly illustrated in the drawings. The eyes A⁵ of the main frame A are engaged by corresponding pendants or hooks B', of an auxiliary frame B, so that the latter is hinged on the main frame A.

The pendants or hooks B' terminate in a cross bar B³ extending across the back of the web approximately opposite the cross bar A²

of the main frame A. The pendants or hooks B', terminate in the inwardly extending arms B³, on which is attached a cross bar C preferably made of sheet metal, and formed with a toothed bar C' extending at right angles to the plate C to engage the web at the rear, slightly above the cross bar A².

The arms B³ are extended upward and forward to form the clamping bars B⁴ adapted to pass over the side arms A⁴, to fasten or lock the auxiliary frame to the main frame A at the time the toothed bar C' extends transversely, and securely engages with its teeth, the web above the bar A².

It will be seen that by the arrangement described, the auxiliary frame carrying the toothed bar C is hinged on the main frame A, and is adapted to be fastened thereto by swinging the auxiliary frame forward to cause the spring arms B⁴ to pass over and engage the side arms A⁴. When the operator desires to loosen or disengage the buckle from the web, he presses on the arms B⁴, so as to disengage the same from the side arms A⁴, and then swings the auxiliary frame B rearward to move the toothed bar C' into a vertical position, and out of engagement with the web.

It will be seen that the device is very simple and durable in construction, can be cheaply manufactured and readily applied on the web; and the construction permits of conveniently shifting the buckle on the web to lengthen or shorten the suspender or other article, on which the buckle is applied.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a buckle, the combination of a main frame having a cross-bar adapted to extend over one side of the web and having parallel eyes projecting at right angles from its sides at the ends of the cross-bar, an auxiliary frame having loops formed at its sides to engage the eyes on the main frame whereby a hinge connection is formed between the two frames, said auxiliary frame being provided with a cross-bar to extend over the other side of the web, said cross bars on the main and auxiliary frames being adjacent to one another, and means for locking the free end of the auxiliary frame to the main frame substantially as set forth.

2. A buckle, comprising a main frame having two cross bars, and eyes formed on the ends of the lower cross bar, an auxiliary frame hinged in the said eyes and formed
5 with locking arms engaging the side arms of the said main frame, and a toothed plate or bar secured to the said auxiliary frame and adapted to engage the web, opposite the lower cross bar of the main frame, substantially as
10 shown and described.

3. In a buckle, the combination of a main

frame, an auxiliary frame pivotally connected thereto, locking devices at the opposite sides of the auxiliary frame for locking it to the main frame, inturned loops on the auxiliary
15 frame and a serrated bar secured at its ends to the inner portions of said loops and adapted to engage the web, substantially as set forth.

SOLOMON Z. QUINT.

Witnesses:

THEO. G. HOSTER,
C. SEDGWICK.