

(No Model.)

G. N. BUCK.
BUCKLE.

No. 539,164.

Patented May 14, 1895.

Fig. 1.

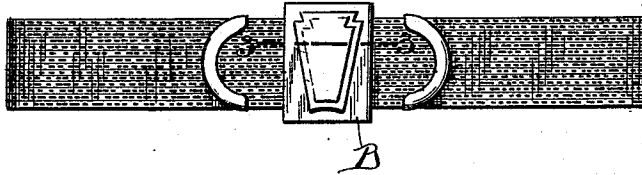


Fig. 2.

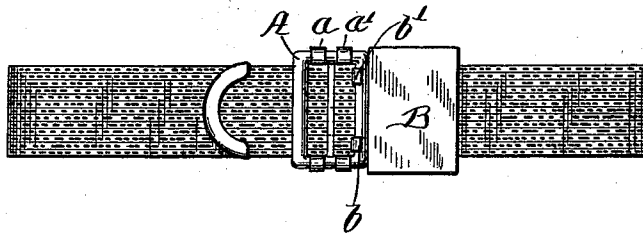


Fig. 3.

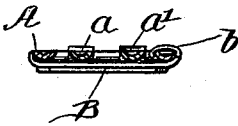
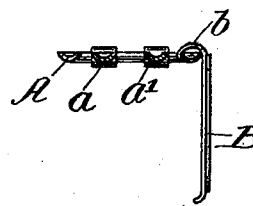


Fig. 4.



Witnesses:
Chas. Shewey,
A. H. Ebbesen

Inventor:
George N. Buck
by Wiles Innes & Pitner
attys.

UNITED STATES PATENT OFFICE.

GEORGE N. BUCK, OF MATTOON, ILLINOIS.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 539,164, dated May 14, 1895.

Application filed March 9, 1895. Serial No. 541,131. (No model.)

To all whom it may concern:

Be it known that I, GEORGE N. BUCK, a citizen of the United States of America, residing at Mattoon, in the county of Coles and State of Illinois, have invented certain new and useful Improvements in Buckles, of which the following is a specification.

My invention relates to certain improvements in buckles for garters and the like, the object of the improvement being to prevent any liability of the buckle to release its hold when the straps become slack.

In the drawings presented herewith, Figure 1 is a front view of my improved buckle with straps attached. Fig. 2 is a similar view showing one of the parts in a different position. Fig. 3 is a section showing the buckle alone in line 3 3 of Fig. 1; and Fig. 4 is a similar section, but shows one of the parts in a different position.

The buckle itself is of well known form, consisting of a rectangular frame, A, with cross-pieces, *a, a'*, turned down upon the end of the frame, so that they may slide freely back and forth. I have here shown two of these slides, or cross-pieces, because the buckle is illustrated in connection with an ordinary sleeve elastic. It is obvious, of course, that in a great many uses one side of the buckle may be provided with other means of fastening. The straps are secured in the buckle by passing them forward between the slides, then back between one of the slides and the adjacent side of the frame. When the straps are drawn taut their ends are firmly clamped between the slides and the sides of the frame. When the straps become slack, however, it often happens that they become disengaged from the buckle because of the loosening up of the slides. To prevent this I have pivoted to one side of the buckle, a latch, B, here shown as an ornamental plate having tongues, *b, b'*, turned about the side of the buckle and

composed of spring material so that the elasticity of said material forces the plate down upon the slides and prevents them from rattling or shaking loose when the straps are not taut. The side of the frame of the buckle will be seen in Figs. 3 and 4 to have a flattened outline so that the raising of the plate extends the eyes, or tongues, *b, b'*, as is shown in Fig. 4, till the position seen in the last mentioned figure is passed, when further movement allows the eye to spring back toward its original position. This construction therefore provides a spring which will hold the plate either in the position seen in Fig. 1 or that seen in Fig. 2.

I claim as new and desire to secure by Letters Patent—

1. In a buckle, the combination with the frame, A, of a slide, as *a*, moving freely within the frame and adapted to clamp a strap between itself and the side of the frame by the pull of said strap upon the slide, and a spring device normally pressing upon said slide whereby the tendency of the latter to shake loose is overcome; substantially as described.

2. The combination with the frame, A, of a series of slides as *a* and a plate, B, pivoted to the frame and provided with a spring normally pressing said plate upon the slide; substantially as described.

3. The combination with the frame, A, having a substantially flat side of a slide, *a*, working within the frame and a plate, B, pivoted to the frame by means of eyes of spring material, *b, b'*, turned down upon the flat side whereby the tendency of said eyes is to hold the plate upon the slide, or in the same plane extending directly away from the slide; substantially as described.

GEORGE N. BUCK.

Witnesses:

T. W. GAW,
G. S. RICHMOND.