

W. E. KENNISON.

TIE CLIP.

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1,358,560.

Patented Nov. 9, 1920.

Fig. 1.

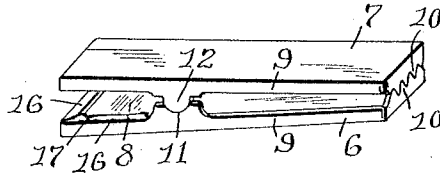


Fig. 2.

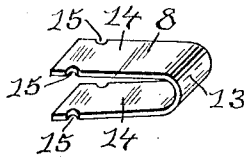


Fig. 3.

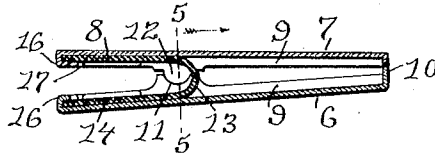


Fig. 4.

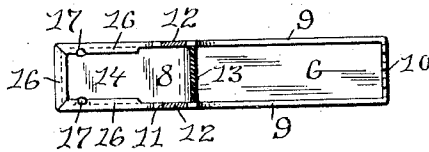
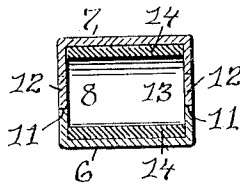


Fig. 5.



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TIE-CLIP.

1,358,560.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIS EUGENE KENNISON, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Tie-Clips, of which the following is a specification.

My invention has reference to an improvement in articles for personal use and more particularly to an improvement in tie clips used for securing the otherwise free end of a tie or cravat to the shirt of the wearer.

A common form of tie clip, as heretofore constructed, has a pivot pin and a coiled spring surrounding the pivot pin, to hold the jaws of the clip together under spring tension. This form of a tie clip has four or more parts, it is expensive to manufacture and the pivot pin is liable to work loose and drop out, thereby ruining the utility of the clip.

The object of my invention is to improve the construction of a tie clip, whereby the number of parts are reduced, the construction simplified, the cost of manufacturing reduced and a stronger and more durable tie clip produced than has heretofore been done.

My invention consists in the peculiar and novel construction of a tie clip, said tie clip having details of construction, as will be more fully set forth hereinafter and claimed.

Figure 1 is a perspective view of my improved tie clip.

Fig. 2 is a perspective view of the U shaped spring.

Fig. 3 is a central longitudinal sectional view through the tie clip, in elevation.

Fig. 4 is a central longitudinal sectional view through the clip looking down on the same, and

Fig. 5 is a transverse sectional view through the pivot of the tie clip, as indicated by line 5.5 of Fig. 3.

Figs. 1, 2, 3 and 4 are enlarged and Fig. 5 is still further enlarged. The tie clip consists of three parts only.

In the drawing 6 indicates one jaw of the tie clip, 7 the other jaw and 8 the spring. The jaw 6 has a continuous lip 9 formed into saw-teeth 10 at one end, and on the side oppositely disposed semi-circular pivot notches 11.11. The jaw 7 has corresponding saw-teeth 10 on its end and oppositely disposed

semi-circular pivot projections 12.12 which fit into the pivot notches 11.11 and form the pivots of the clip. The U shaped spring 8 has the rounded closed end 13 and the flat arms 14.14 with the edge nicks 15.15 as shown in Fig. 2. Each jaw 6 and 7 has the lip 9, at the sides and at the operating ends of the jaws formed into fastening edges 16.16 which are bent over the edges of the flat arms 14.14 of the spring 8 and secures the spring in place. The spring is further secured or locked in place by teats 17.17 on the fastening edges 16.16 forced into the edge nicks 15.15 in the edges of the spring arms, adjacent the ends.

By this construction the flat arms 14.14 of the spring are rigidly secured in place in the jaw members 6 and 7, and the rounded closed end 13 of the spring being in juxtaposition to the pivot notches 11.11 and pivot projections 12.12 holds the pivot projections in the pivot notches and completes the pivot of the clip; also as the greater portion of the arms of the spring are rigidly secured and locked to the jaws of the clip, the jaws are firmly held against sidewise or lateral movement of the jaws, when in use.

It is evident that the construction of my improved tie clip could be materially varied within the scope of the appended claim.

Having thus described my invention I claim as new:—

A tie clip for the purpose described comprising two jaws each jaw having side and end lips and interlocking teeth on one end, one jaw having oppositely disposed semi-circular pivot notches in the sides, and the other jaw having oppositely disposed semi-circular pivot projections on the sides and in the semi-circular notches of the opposing jaw, a U shaped spring intermediate the jaws and having flat arms in the edges of which are nicks, means for securing the arms of the spring in the jaws with the closed end of the spring in juxtaposition to the pivot notches and projections of the jaws, and means for locking the arms of the spring to the jaws consisting of teats on the jaws in the edge nicks of the arms of the spring, the pivot notches, pivot projections and the U shaped spring forming the pivot joint of the clip.

In testimony whereof, I have signed my name to this specification.

WILLIS EUGENE KENNISON.