Feb. 7, 1939. R. C. BANGS 2,146,047

ORNAMENTAL TIE HOLDER AND THE LIKE

Original Filed May 7, 1935

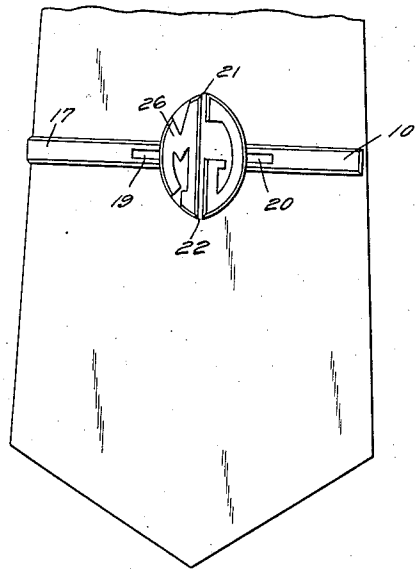


Fig. 1

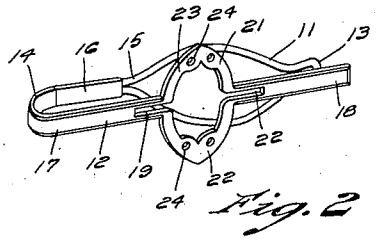


Fig. 2

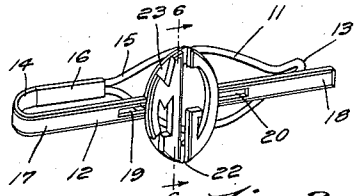


Fig. 3

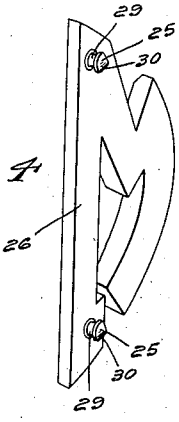


Fig. 4

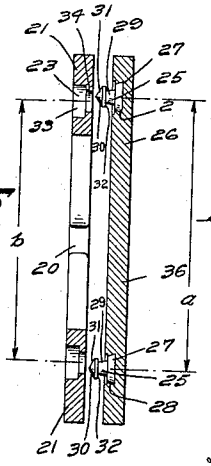


Fig. 5

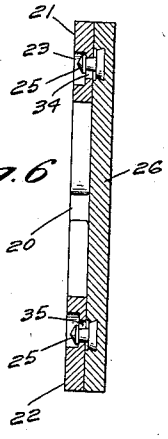


Fig. 6

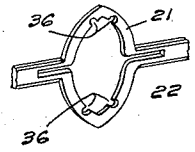


Fig. 7

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ORNAMENTAL TIE HOLDER AND THE LIKE

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Application May 7, 1935, Serial No. 20,200
Renewed August 17, 1938

15 Claims. (Cl. 40—143)

My present invention relates to the jewelry art, and has particular reference to a novel construction for tie holder.

The standard forms of tie holders include a front member which is adapted to be positioned over a tie, and a rear member which is adapted to be positioned beneath a shirt hem, the front and rear members being resiliently urged towards each other so as to retain the tie in fixed relation to the shirt. The front members have heretofore been ornamented, as by plating, enamelling, engraving, by forming so as to present an attractive design, or by mounting ornaments thereon. It is the principal object of my invention to devise a construction for facilitating the mounting of a selected ornament or selected ornaments on a tie holder, and particularly ornaments consisting of initial letters.

It is a further object of my invention to provide a construction whereby the attached ornaments will be rigidly held against accidental separation, but may be moved if desired, whereby it is possible to change the ornaments at will.

With the above and other objects and advantageous features in view, my invention consists of a novel arrangement of parts more fully disclosed in the detailed description following, in conjunction with the accompanying drawing, and more specifically defined in the claims appended thereto.

In the drawing,

Fig. 1 discloses a novel tie holder positioned on a tie;

Fig. 2 is a perspective view of the tie holder base;

Fig. 3 is a view similar to Fig. 2 with ornaments mounted on said base;

Fig. 4 is an enlarged perspective view of the back of an ornament;

Fig. 5 is a sectional detail showing the position of the base and ornament prior to assembly;

Fig. 6 is a view similar to Fig. 5, showing the ornament and base in assembled relation; and

Fig. 7 is a perspective detail of a modified base construction.

Referring to the drawing, the tie holder 10 consists of a rear portion 11 and a front portion 12, the rear portion 11 being preferably formed of spring wire and having a head 13 bent to form a pressure abutment, the front portion being formed of resilient flat stock and being bent as indicated at 14 and secured to the end 15 of the rear portion by a suitable connector 16, so as to resiliently urge the two portions together. The front portion includes two ends 17, 18 slit as indicated at 19, 20 and having spaced intermediate portions 21, 22 integral therewith for forming a base 23 for receiving selected ornaments, openings 24 being provided in the portions 21 and 22 for receiving lock points 25 of ornaments 26, which as disclosed are in the form of initial letters. The slits 19 and 20 produce a controlled resilience for the portions 21 and 22 and use is made of this resilience to securely lock the ornaments to the base, as hereinafter explained.

The lock points 25, see Fig. 5, each consist of a base 27 which is swaged into a recess 28 in the rear surface of the ornament, and a shank 29 having an enlarged head 30 which may be of any suitable form, and preferably is provided with a rounded upper portion 31 and a flat under surface 32. The openings 23, see Fig. 5 include a rear bore 33 and a smaller bore 34 axially aligned therewith to provide a lock shoulder 35. As clearly indicated in Fig. 5, the overall distance "*a*" between the axes of the lock points is greater than the overall distance "*b*" between the axes of the openings, whereby pressing the lock heads 30 into the openings 34 forces the base portions 21 and 22 outwardly to permit the lock heads to enter into the rear bores 33, whereupon the portions 21 and 22 snap back as indicated in Fig. 6 to position the flat surfaces 32 against the shoulders 35, whereby the ornaments are securely locked in place against accidental removal, but may be removed by forcing the portions 21 and 22 outwardly. The resilience of the portions 21 and 22 is controlled by the springiness of the material and by the length of the slits 19 and 20.

If desired, grooves 36, see Fig. 7, may be used in place of the openings 24, as the locking of the ornaments in place is dependent on the resilience of the members of the portions 21 and 22; moreover, instead of using two axially aligned bores 33 and 34, a single opening may be utilized by making the stock of the portions 21 and 22 of thin metal, or by increasing the length of the lock point shanks. It is preferred to use rather heavy stock for the base, as the tie holder is thereby made more substantial.

Any suitable ornament may be securely mounted as above described, although the construction is particularly adapted for mounting initial letters; any number of openings 24 or grooves 36 may be utilized, in order to mount one, two, or more ornaments on the base. Instead of using a flat stock front portion and a wire rear portion, the front and the base portions may be made of wire or of stamped material, and the base portion may be made integral with the front

portion or secured thereto by any suitable means.

The above described construction utilizes two members which are resiliently urged towards each other; but it is obvious that the same effect will be obtained if the two members are resiliently urged outwardly, in which case the lock heads will engage the inner portions of the openings. If grooves such as disclosed in Fig. 7 are utilized, the grooves in such case would be on the outer edges of the two outwardly urged members; and it is feasible to provide a construction using grooves on both the outside and inside edges of the two members to receive lock heads, in order to provide a more secure locking.

Although the above described construction is particularly applicable for tie holders, the use of a base formed of parts resiliently urged towards each other may be applied to other constructions, for example brooches, buckles, collar holders, and the like; and changes in the materials used, in the size and the proportions of the parts, and in the materials and forms of the ornaments may be made to suit the requirements for different designs, without departing from the spirit and the scope of the invention as defined in the appended claims.

I claim:

1. In a tie holder and display device having a front portion, and an ornament base on said front portion, said base having spaced sides, one of said sides being resiliently urged to a different position in relation to the opposite side, and means for detachably locking an ornament to said spaced sides said means engaging said sides, and being spaced to move and to retain said sides against the resilient urging thereof.

2. In a tie holder and display device having a front portion, and an ornament base on said front portion, said base having spaced sides resiliently urged in opposite directions with respect to each other, and means for detachably locking an ornament to said spaced sides said means engaging said sides, and being spaced to move and to retain said sides against the resilient urging thereof.

3. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides, one of said sides being resiliently urged towards the opposite side, an ornament having spaced lock elements, and means in said base sides for receiving said lock elements said means engaging said sides, and being spaced to move and to retain said sides against the resilient urging thereof.

4. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides, said sides being resiliently urged towards each other, an ornament having spaced lock elements, and means in said base sides for receiving said lock elements said means engaging said sides, and being spaced to move and to retain said sides against the resilient urging thereof.

5. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides, said base sides having lock head receiving openings, and an ornament having spaced lock heads adapted to seat in said openings.

6. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides resiliently urged towards each other, said base sides having lock head receiving openings, and an ornament having spaced lock heads adapted to seat in said openings said heads being spaced to move and to retain said sides against the resilient urging thereof.

7. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides, one of said sides being resiliently urged towards the opposite side, said base sides having lock head receiving openings, and an ornament having spaced lock heads adapted to seat in said openings said heads being spaced to move and to retain said sides against the resilient urging thereof.

8. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides resiliently urged towards each other, said base sides having lock head receiving openings, and an ornament having spaced lock heads adapted to seat in said openings and contact with said shoulders said heads being spaced to move and to retain said sides against the resilient urging thereof.

9. In a tie holder and display device having a front portion, and an ornament base on said front portion having spaced sides, one of said sides being resiliently urged towards the opposite side, said base sides having lock head receiving openings, and an ornament having spaced lock heads adapted to seat in said openings and contact with said shoulders said heads being spaced to move and to retain said sides against the resilient urging thereof.

10. In an ornament mounting, a base having spaced sides resiliently urged in opposite directions with respect to each other, said sides having openings, and an ornament having parts received by said openings, the spacing between the parts being different than the normal spacing between the corresponding openings.

11. In an ornament mounting, a base having spaced sides resiliently urged towards each other, said sides having openings, and an ornament having lock heads received by said openings, the spacing between the lock heads being different than the normal spacing between the corresponding openings.

12. In an ornament mounting, a base having spaced sides resiliently urged towards each other, said sides having openings provided with shoulders, and an ornament having parts received by said openings and contacting said shoulders, the spacing between the parts being different than the normal spacing between the corresponding openings.

13. In an ornament mounting, an element of resilient material comprising two ends and an intermediate ornament receiving base, said ends being slit adjacent said base, said base having spaced sides, and said spaced sides having ornament receiving parts.

14. In an ornament mounting, a member having spaced portions resiliently urged in opposite directions with respect to each other, and a second member having spaced portions adapted to be detachably secured to the spaced portions of the first member, the spaced portions of one member having at least one opening in each portion and the spaced portions of the other member having at least one lock element in each portion engageable with the corresponding opening in the corresponding portion of the other member, the spacing between said openings and said lock elements being different.

15. In an ornament mounting, a member hav-

ing spaced portions resiliently urged in opposite directions with respect to each other, and a second member having spaced portions adapted to be detachably secured to the spaced portions of the first member, the spaced portions of one member having at least one notch in each portion and the spaced portions of the other member having at least one lock element in each portion engageable with the corresponding notch in the corresponding portion of the other member, the spacing between said notches and said lock elements being different.

RALPH C. BANGS.