H. I. FELIX.

COMBINED TIE FASTENER AND SOFT COLLAR RETAINER.

APPLICATION FILED MAR. 3, 1919.

1,359,495. **Patented Nov. 23, 1920.**

Fig. 1.

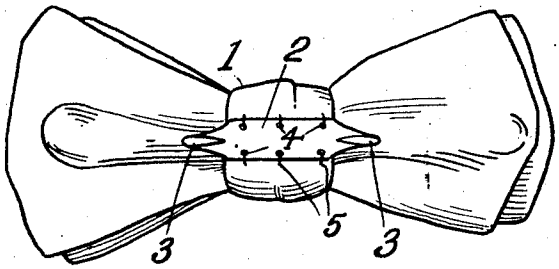


Fig. 2.

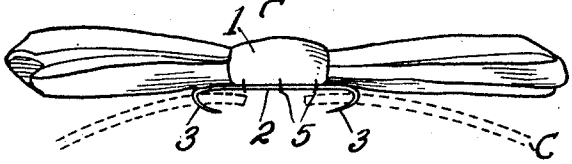


Fig. 3.

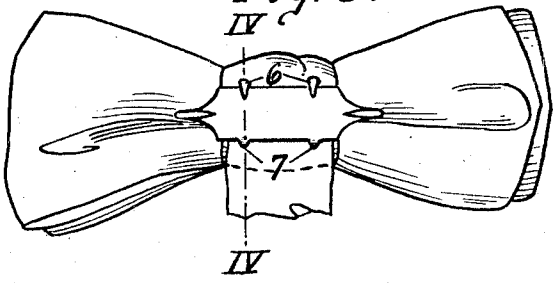


Fig. 4.

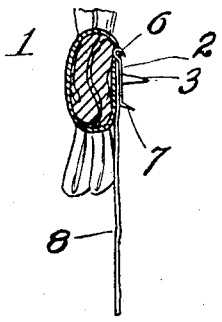


Fig. 5.

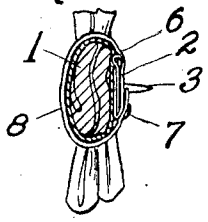
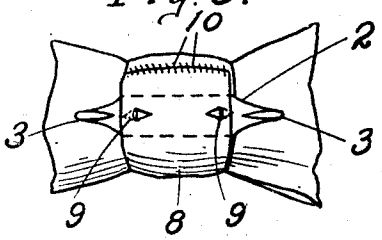


Fig. 6.



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COMBINED TIE-FASTENER AND SOFT-COLLAR RETAINER.

1,359,495. Specification of Letters Patent. Patented Nov. 23, 1920.

Application filed March 3, 1919. Serial No. 280,223.

To all whom it may concern:

Be it known that I, HUGO I. FELIX, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Combined Tie-Fasteners and Soft-Collar Retainers, of which the following is a specification.

This invention relates to combined tie fasteners and soft collar retainers, and more especially to a device for attachment to the rear side of a tie, having inturned hooks for impaling engagement with the ends of the turned down portion of a soft collar to utilize the latter as a support for the tie and for holding the ends of the collar down and retain them in neat and orderly relation.

A further object is to produce a simple and cheap device of this character by which a tie can be easily, quickly and efficiently secured to the ends of a soft collar.

With these objects in view the invention consists in certain novel and useful features of construction and combinations of parts as hereinafter described and claimed; and in order that it may be fully understood, reference is to be had to the accompanying drawing, in which:

Figure 1, is a rear view of a bow tie equipped with an attachment embodying the invention.

Fig. 2, is a top view of the same.

Fig. 3, is a rear view showing a modified form of the attachment and how the same can be secured to the tie.

Fig. 4, is a vertical section on the line IV—IV of Fig. 3.

Fig. 5, is a similar section, after the securing of the attachment in position has been completely effected.

Fig. 6, is a fragmentary rear view of the tie equipped with a modified form of the attachment.

In the said drawing, 1 indicates a tie of the bow variety or any other type, such as the made up four-in-hand, and secured in a horizontal position to the rear side of said tie, is an attachment comprising a flat body portion 2 terminating at its ends in rearwardly and inwardly disposed hooks or prongs 3. In the construction shown by Figs. 1 and 2, the flat body portion is provided with perforations 4 so that it may readily be stitched through said perforations as at 5 to the back of the tie.

In Figs. 3 to 5 inclusive the attachment is provided at its upper edge with hooks 6 and at its lower edge with hooks or teeth 7. With this construction, which is preferable where the attachment is to be used with an incomplete bow tie the hooks 6 are caused to impale the back portion of the tie before the central portion of the same is completed, as shown by Fig. 4. The free end of portion 8 is then drawn upward at the rear side of the tie and impaled on prongs or hooks 7 or it may be brought up between said prongs, and is then drawn completely around the central portion of the tie until it again overlaps the plate and is caused to be impaled on said prongs 7. The latter are then bent upwardly until they clamp the end of said portion 8, reliably in place, as shown clearly by Fig. 5. In this conection it will be noticed that the part 8 is not section lined in Figs 4 and 5, the section lining being omitted to more clearly distinguish between the portion 8 and the remaining part of the body of the tie. By this construction it will be seen that the attachment can be secured in place without stitching.

In Fig. 6, the construction shown is substantially the same as that of Figs. 3 to 5, that is to say the plate is provided with sharpened tongues or teeth 9 for the impalement of portion 8, and for subsequently being bent downward to clamp said portion against the plate or an interposed part of said portion. With this construction however it is necessary to complete the securement of the plate in position and to finish the tie, by stitching the free end of the portion 8 to the body of the tie, as indicated at 10 in Fig. 6.

To secure a tie equipped with this attachment in position, it is placed at the proper point opposite the front of a soft collar C, and its hooks or prongs are caused to impale the free ends of the turned down portion of the collar, as indicated by dotted lines, in Fig. 2. It will be seen by this arrangement a sufficient tension can be placed on the ends of the collar to hold them in neat and orderly relation, and at the same time utilize them to securely and firmly support the tie in the desired position. The device can obviously be secured in place easily and quickly and can be as easily removed.

By providing the fastener with a wide flat body portion, and securing the same firmly to the material of the tie, it will be obvious that the fastener cannot turn or sag

and hence that its hooks 3 will always project directly to the rear and therefore be in the best possible position for quick and easy attachment to and detachment from the ends of the turn down portion of a collar, it being obvious that if the fastener was not secured so as to reliably hold the position mentioned it could not properly and satisfactorily perform the function for which it is designed.

From the above description it will be apparent that I have produced a combined tie fastener and soft collar retainer which possesses the features of advantage set forth as desirable in the statement of the object of the invention, and which is susceptible of modification in various minor particulars without departing from the principle of construction involved or sacrificing any of the advantages of the appended claims.

I claim:

1. The combination with a tie, of a retainer fastened thereto in a horizontal position, and comprising a body portion and permanently-formed inturned rearwardly projecting hooks or prongs of requisite sharpness and of sufficient stiffness to hold each end portion of a soft collar impaled by said hooks or prongs, under tension.

2. The combination with a tie, of a retainer arranged in a horizontal position, and comprising a wide flat body portion fastened to the back of the tie, and a pair of permanently formed rearwardly-projecting and inwardly-facing hooks of requisite sharpness for impalement of the ends of the down turned portion of a soft collar, and of sufficient stiffness to hold such portion of the collar under tension.

3. The combination with a tie, of a wide flat plate fitted against the back of the tie and provided at its ends with permanently-formed inturned rearwardly-projecting hooks of requisite sharpness for impalement of the ends of the down turned portion of a soft collar, and of sufficient stiffness to hold such portion of the collar under tension; said plate also having sharpened prongs impaling and clamped down against the material of the tie.

4. The combination with the downturned outer portion of a soft collar, of a tie provided at its rear side with a metal retainer, comprising a flat body secured horizontally to the tie and terminating at its ends in permanently-formed sharpened hooks, and sharpened ends of the hooks facing each other to impale the ends of the downturned portion of the collar and of sufficient stiffness to hold the impaled portion of the collar under tension.

In testimony whereof I affix my signature.

HUGO I. FELIX.