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2,599,636

SHIRT COLLAR ATTACHMENT

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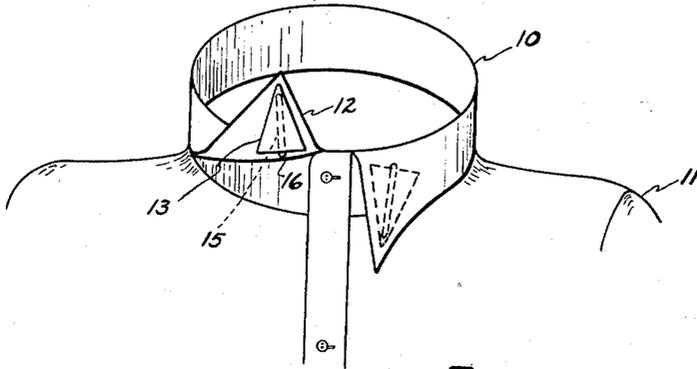


FIG. 1

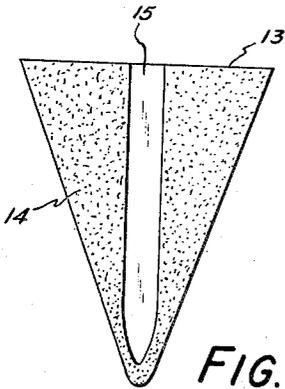


FIG. 2

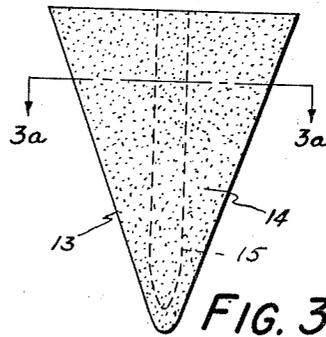


FIG. 3

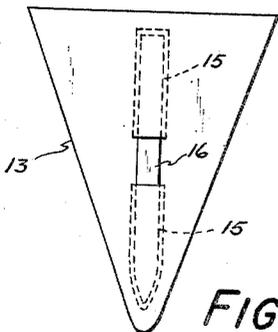


FIG. 4

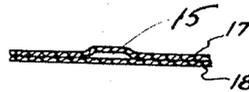


FIG. 3a

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# UNITED STATES PATENT OFFICE

2,599,636

## SHIRT COLLAR ATTACHMENT

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2 Claims. (Cl. 2—132)

1

This invention relates to stiffening devices for shirt collars and in particular to those which may be readily applied in the homes. Many devices have been proposed for holding the tips of soft collars on shirts in place. Some of these have been ingenious separate devices of wire with sharpened ends to be secured to the collar and which engage with the under side of the tip. Others have included pockets on the under side of the collar and integral therewith which are made at the time of manufacture. Into these small pockets are inserted stays made of celluloid or some other similar material which prevent the collar tips from curling. The advantages of the last device mentioned are, mainly, that they are easier to operate, do not have the affect of imparting a stretched appearance to the shirt and do not readily become lost.

My invention relates to an improvement of the latter described device which makes it readily usable for all shirts, since it can be applied easily and conveniently in the home on any type shirt without any unsightly visible stitches. Previous pocket-type stiffeners have always been applied only to certain shirts by the manufacturers, since the stitching could then be either hidden in the under layers of cloth in the collar or could be in common with the collar stitching. My invention makes it possible for a pocket type stiffener to be used on any shirt merely by a simple process of applying heat with a flat iron to the device and thereby cementing the pocket onto the under side of the collar.

Referring to the drawings:

Fig. 1 is a view of the shirt collar with the device in place and having one corner turned up illustrating the underside appearance;

Fig. 2 shows the simplest embodiment of the device;

Fig. 3 is a view showing a modification thereof; Fig. 3a is a section taken on the lines 3a—3a of Fig. 3;

Fig. 4 shows another modification thereof.

Referring more particularly to Fig. 1, the collar 10 of the shirt 11 is shown with my device attached to the underside of the collar 10 at the tip 12. The invention consists of a small substantially triangular shaped patch 13 of material which is adapted to be firmly cemented to the underside of the collar tip 12 by a thermo-plastic cement 14 applied to the side of the patch 13. A pocket 15 may be left open beneath the patch 13 by simply not applying the cement to a zone which is to form the pocket as is shown in Fig. 2. A stay 16 made of Celluloid or some similar mate-

2

rial may be inserted in the pocket 15 as is customary with this type of collar stiffener and the collar will then be prevented from curling.

It is apparent that a pair of the patches 13 could be applied in the home simply by placing the patch 13 in the desired position on the collar tip 12 and applying heat and securely fasten the patch, in a waterproof manner, to the shirt collar.

Fig. 3 shows a refinement of my device wherein the patch 13 is made of two layers of fabric 17 and 18 with the pocket 15 preformed between them. These layers may be stitched together or cemented together. The thermo-plastic cement 14 is applied to the flat layer of fabric 18 and thus after the device is cemented to the collar tip 12, no unsightly bulge in the collar is present.

It is apparent that the opening into the pocket through which the stay 16 is inserted need not be at the top end of the pocket. Instead, as shown in Fig. 4, the pocket 15 could be made in two parts with the opening in the mid portion, and the stay 16 could be inserted by springing it and inserting each end into its separate pocket and then straightening the stay 16 or allowing the stay 16 to straighten itself. This type of pocket would provide a sure means for holding the stay in its proper place since it could not then slide either way. Furthermore, it is easier to insert the stay in this type of pocket after the shirt is on the wearer. It is readily apparent that this dual opening could be used with either type patch 13 shown in Figures 2 or 3.

Having thus described my invention, I am aware that numerous and extensive departures may be made therefrom, without departing from the spirit or scope of the invention.

I claim:

1. A collar stiffening means for a shirt collar comprising a fabric member forming a pocket with the collar and a stiffening stay of such shape to fit said pocket and removably disposed therein, said fabric member comprising a single layer of fabric having a thermo-plastic adhesive applied on one side, and having a zone on the same side free of adhesive so that a pocket will be formed upon applying the said fabric member to the collar.

2. An attachment for a shirt collar to provide a pocket for a stiffening means, comprising a sheet of fabric material formed for attachment to the collar in a zone toward the point of the collar, means for attaching said material to the collar comprising a layer of thermo-plastic adhesive disposed on the side of the material toward the collar, a zone on said material formed by

2,599,636

3

preventing the application of adhesive thereto and cooperating with the collar upon the securing of the material to the collar to provide a pocket extending from the top of the collar toward the points and open at the top, and removable stiffening means adapted to be inserted in the pocket through said opening.

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10