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COLLAR ATTACHMENT

Filed Aug. 26, 1958

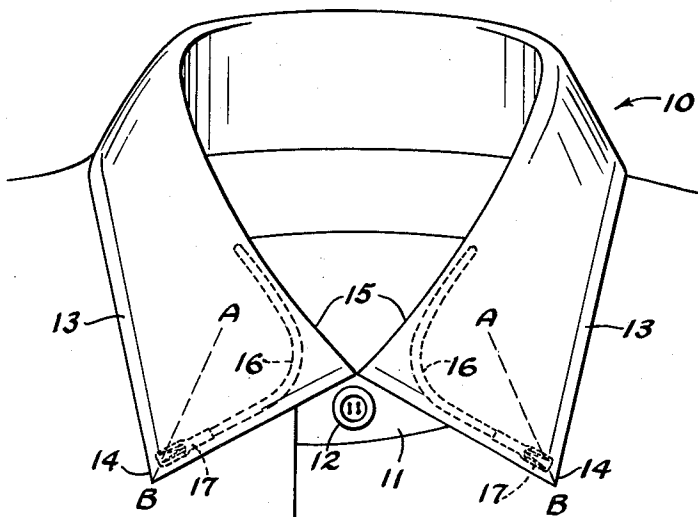


FIG 1

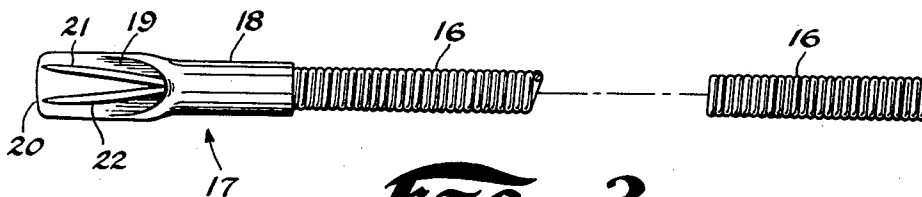


FIG 2

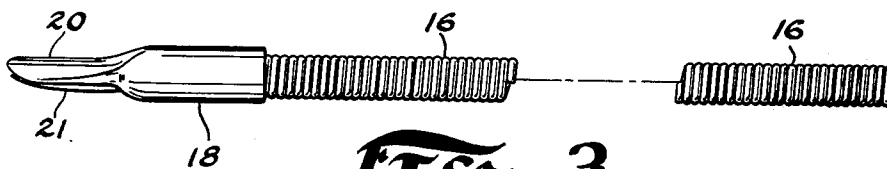


FIG 3



FIG 4

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4 Claims. (Cl. 2—132)

This invention relates in general to collar stiffness and in particular to a device which provides support to a collar so it maintains the proper shape.

Collar tips on shirts and other articles of wearing apparel have a tendency to stick up which detracts from the appearance of the wearer.

It is an object of this invention, therefore, to provide a simple attachment which holds a collar tip down.

A further object of the invention is to provide a collar tip stay which firmly attaches to the tip but which does not extend through the material of the collar.

Yet another object of this invention is to provide a collar stay which produces a variable holding force on a collar tip as the angle of attachment is varied.

A feature of this invention is found in the provision for a length of spring formed with an attaching means on one end thereof for holding a collar tip in place.

Further features, advantages, and objects will become apparent when considered in view of the following description and claims in which:

Figure 1 illustrates the collar stay of this invention mounted on a collar;

Figure 2 is an enlarged bottom detailed view of the attaching end of the collar stay;

Figure 3 is an enlarged side view of the collar stay, and;

Figure 4 is a modification of the invention.

Figure 1 shows a shirt or other collar 10 which has a tab 11 on which is attached a button 12.

The lower edge 13 of the collar terminates in a top 14. As is well known oftentimes the collar tip will flop around and bend upwardly which detracts from the appearance of the wearer. In order to prevent this, a collar stay 16 of this invention is inserted between the upper edge 15 and beneath the fold of the collar and extends to the tip 14 where an attaching means 17 firmly attach to the collar.

The main body portion of the stay is formed of coiled music wire which may be high carbon steel. The coil is prestressed so that it will support itself and tend to resist being bent.

The stay 16 may be about four inches for a man's shirt. Two stays are required to hold the two collar tips down.

The novelty of the present invention lies in the attaching means 17 and the use of a prestressed coil which resists being moved out of a straight line. It has been found desirable to attach the stay to the collar tip so that it extends upwardly from the tip and preferably at an angle between the edge of the collar and a line A—B which bisects the angle of the tip. The amount of tension on the tip may be adjusted by attaching the holding means 17 so that it varies the angle of the stay relative to the line A—B. As the stay is moved away from line

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A—B the tension becomes greater and as it is moved toward line A—B the tension is decreased.

Thus, it is necessary to have an attaching means 17 which not only firmly attaches to the collar but is capable of resisting rotation relative to the collar.

Figures 2 and 3 illustrate the attaching means 17 in detail. A tubular portion 18 fits over and is attached to end of the coil spring. Extending from the tubular portion 18 is a curved portion 20. A pair of curved pins 21 and 22 are attached to the inside of the tubular portion 18 and extend along the curved portion 20.

The side 19 of the curved portion 20 along which the pins 21 and 22 extend is concave to allow the cloth of the collar to be clamped between the pins and portion 20.

The pins 21 and 22 are curved as shown in Figure 3 so that they point toward the curved portion 19.

In use the shirt is put on. One of the collar tips is lifted and the pins 21 and 22 are inserted in the underside of the tip. Then the tip is released and the free end of the stay is pushed into the crease of the collar. Since this requires the stay to bend as shown in Figure 1 a torque is inserted on the tip to hold it down. A second stay is inserted under the other collar tip to hold it down.

The spring, tubular portion and pins 21 and 22 are joined by soldering them or by other suitable means.

Figure 4 illustrates a modification wherein the attaching means 17 has only one pin 23. A sharp end pin 24 is mounted in the opposite end of the member 16. The structure shown in Figure 4 gives a firm grip to the end opposite the attaching means 17.

It is seen that this invention provides a novel means of holding a collar tip firmly in place. Although it has been described with respect to a preferred embodiment, it is not to be so limited as changes and modifications are within the full intended scope as defined by the appended claims.

I claim:

1. A collar stay comprising a coiled spring, an attaching means attached to one end thereof and comprising a tubular portion attached to the spring, a curved portion extending from the tubular portion, a pair of pins attached to the tubular portion adjacent the spring and extending along the curved portion, said pins curved toward the curved portion and the side of the curved portion along which the pins extend formed to be concave.

2. Apparatus according to claim 1 wherein the points of said pins terminate adjacent the end of the curved portion.

3. Apparatus according to claim 1 wherein the free ends of said pins point away from each other.

4. A collar stay comprising a coiled spring of prestressed construction, an end pin mounted in one end thereof, an attaching means attached to the other end of the spring and comprising a tubular portion to which the spring attaches, a curved portion which extends from the tubular portion, and a pin attached to the tubular portion and extending along the tubular portion.

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