Dec. 1, 1959 F. WALTER 2,914,773

SLEEVE ADJUSTER

Filed May 6, 1958

Fig. 1.

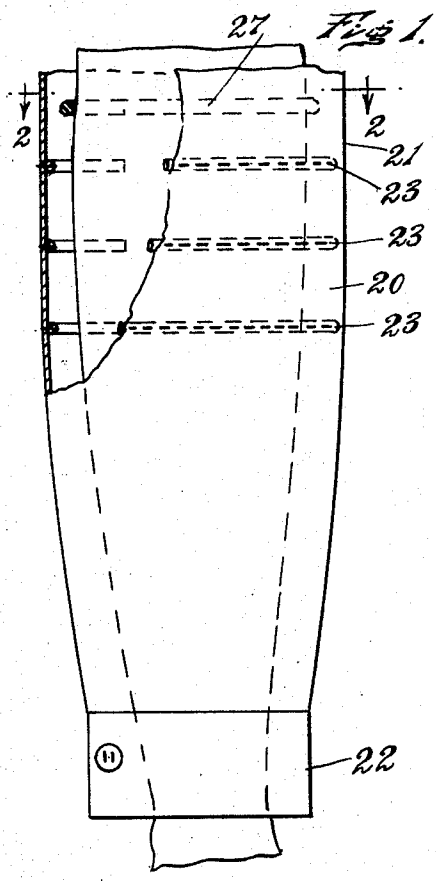


Fig. 3.

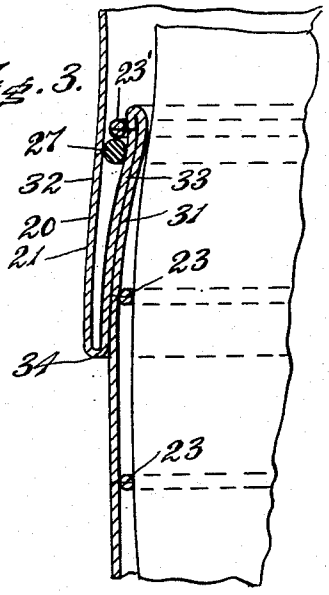


Fig. 4.

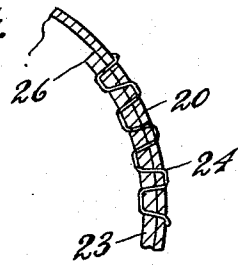
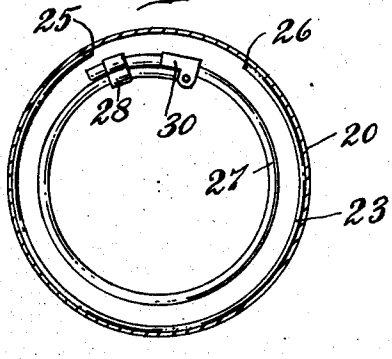


Fig. 2.



INVENTOR
Frank Walter
BY
ATTORNEYS

United States Patent Office 2,914,773 Patented Dec. 1, 1959

2,914,773

SLEEVE ADJUSTER

Frank Walter, Altoona, Pa.

Application May 6, 1958, Serial No. 733,327

2 Claims. (Cl. 2—269)

The present invention relates to sleeve adjusters of the type which will hold up the sleeve of the wearer.

A purpose of the invention is to provide a sleeve adjuster which can readily be adjusted from outside the garment.

A further purpose is to provide a sleeve adjuster which will not interfere with normal laundering of a shirt or the like.

A further purpose is to avoid the need for important metallic components in a sleeve adjuster which may rub against the arm of the wearer and cause objectionable pressure.

A further purpose is to reduce the cost and complexity of a sleeve adjuster.

A further purpose is to utilize a sleeve adjuster which employs one or a plurality of segments of piping on the inside of the sleeve which cooperate to assist in forming a tuck at the desired position, and which anchor a ring garter worn inside the sleeve and around the tuck.

Further purposes appear in the specification and in the claims.

In the drawings I have chosen to illustrate one only of the numerous embodiments in which the invention may appear, selecting the forms shown from the standpoints of convenience in illustration, satisfactory operation and clear demonstration of the principles involved.

Figure 1 is a fragmentary side elevation of the sleeve adjuster of the invention and the arm of the wearer, the sleeve adjuster being extended.

Figure 2 is a section on the line 2—2 of Figure 1, omitting the arm of the wearer.

Figure 3 is a view corresponding to Figure 1, showing the sleeve in raised or adjusted position.

Figure 4 is an enlarged fragmentary transverse section through the sleeve and one of the piping segments.

Describing in illustration, but in limitation, and referring to the drawings:

Many efforts have been made to design a satisfactory sleeve adjuster which can raise the sleeve so as to protect the cuff from interference with the work of the user, keep the cuff clean, and keep the wrist cool.

Many of the prior art sleeve adjusting devices have involved more or less complex mechanical equipment which must be placed inside the sleeve. This adds greatly to the cost and complexity of the device, increases the difficulty in laundering, and often interferes with the comfort of the wearer.

The present invention involves an extremely simple and inexpensive sleeve adjuster, which can be produced readily in a shirt at the time of manufacture or can be added to a shirt after sale.

In the device of the invention mechanism is reduced to a minimum so that the shirt can be laundered by normal techniques, and can be worn and adjusted with comfort.

Considering now the drawings in detail, I there show a sleeve 20 of a shirt or other garment, having an elbow portion 21 and a cuff 22.

At positions where desired along the length of the shirt and conveniently located below the normal elbow, and 1½ to 2 inches apart, I secure on the inside of the shirt a series of segments 23 of piping, cord or gimp, which are desirably of generally round cross section contour and are secured to the inside of the shirt as by stitching 24 shown in Figure 4. The segments will suitably terminate at 25 and 26 as shown in Figure 2 on opposite sides of the inside of the arm, so that if the piping segment is drawn up to a position adjoining the fold of the elbow, it will not pinch the user when the arm is bent.

The piping segments are desirably at right angles to the axis of the sleeve so that they will be placed symmetrically with respect to a tuck which is annular in form.

The user wears around the arm at or above the elbow a ring garter 27 of suitable elastic, and desirably adjustable as by snap fasteners 28 and 30 of any well known character.

In order to operate the sleeve adjuster, the user, working entirely from the outside of the sleeve, and using the opposite hand, takes hold of the particular piping segment 23 which is to be located adjacent the inner fold of the tuck, and pulls up the sleeve to form an inner tuck 31 which extends around the arm in annular relation, with the particular piping ring 23′ adjacent to the top of the tuck located between the outside portion 32 of the sleeve and the intermediate tuck stretch 33.

Still operating from outside the sleeve, the user then pulls the ring garter down to surround the tuck and locates it immediately beneath the piping ring 23′ at the top of the tuck as shown in Figure 3, so that the sleeve is properly held in the relation secured by the tuck, and the ring garter is anchored from slipping upward off the tuck by the anchorage provided by the piping ring 23′.

Of course the ring garter cannot slip too far down because of the bottom fold 34 of the tuck.

In case it is desirable to modify the adjustment, the user simply releases the ring garter from the tuck and establishes a new tuck, for example, with one of the other piping segments located in the position of the segment 23′, assuring a different sleeve position. The ring garter then is adjusted to fit over the new tuck beneath the new ring.

In view of my invention and disclosure variations and modifications to meet individual whim or particular need will doubtless become evident to others skilled in the art, to obtain all or part of the benefits of my invention without copying the structure shown, and I, therefore, claim all such insofar as they fall within the reasonable spirit and scope of my claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a sleeve adjuster, a sleeve having on the inside thereof below the elbow a plurality of segments of piping, and a ring garter adapted to be placed on the arm inside of the sleeve, and in one position where the sleeve is folded inwardly and upwardly into a tuck, the ring garter being adapted to engage inside the sleeve but over the tuck below one of the segments to retain the tuck against the arm of the wearer, the segment positioned above the ring garter acting as an anchorage for the ring garter against the tuck.

2. In a sleeve adjuster, a sleeve having a plurality of segments of piping extending around the sleeve at the

inside below the elbow, the segments being interrupted at the portion adjoining the inside of the arm, said sleeve being folded upwardly and inwardly into a tuck extending from a position adjacent the elbow, in combination with a ring garter adapted to be placed around the arm inside the sleeve extending over the outside of the tuck below one of the piping segments, the ring garter being anchored in position by the piping segment.

References Cited in the file of this patent

UNITED STATES PATENTS

1,569,968	Davis	Jan. 19, 1926
2,379,498	Shaw	July 3, 1945

FOREIGN PATENTS

156,902	Austria	Sept. 11, 1939
87,650	Norway	July 9, 1956