

Feb. 11, 1958

H. AASKOV

2,822,596

DETACHABLE CUFF FOR TROUSERS LEGS

Filed Oct. 14, 1955

FIG-1

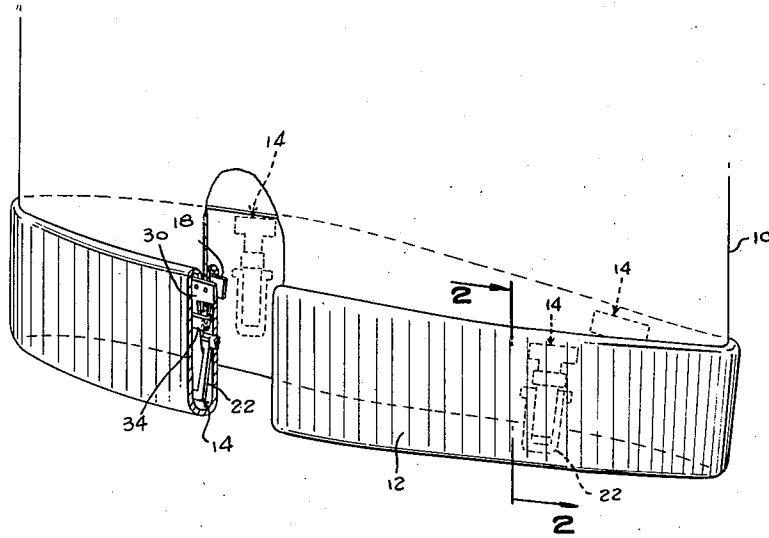


FIG-2

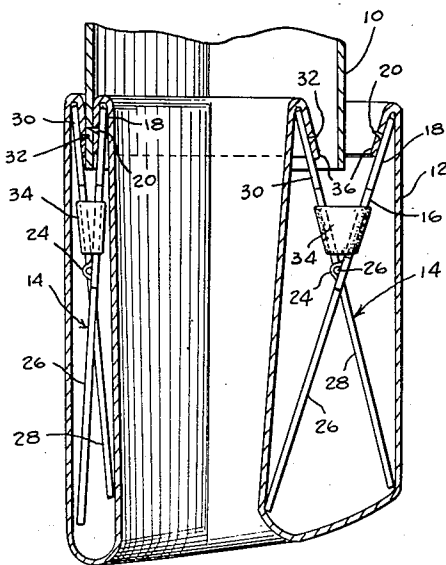
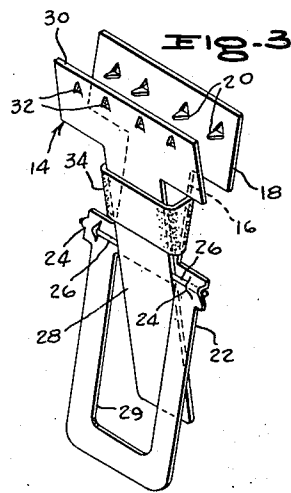


FIG-3



INVENTOR.  
HELMER AASKOV  
BY

*McCormack, Berman + Davidson*  
ATTORNEYS

1

2,822,596

**DETACHABLE CUFF FOR TROUSERS LEGS**

Helmer Aaskov, Fresno, Calif.

Application October 14, 1955, Serial No. 540,506

1 Claim. (Cl. 24—252)

This invention, a detachable cuff for a trousers leg, comprises a plurality of hidden clips within a cuff, separably connectable to a cuffless trousers leg in an arrangement such that the cuffs will be clamped to and will be seemingly a part of the leg.

Among important objects of the invention are the following:

First, to permit the free interchange of a plurality of different cuffs, for use with a single pair of trousers, with said cuffs being of colors the same as or contrasting harmoniously with that of the trousers;

Second, to permit the swift and easy replacement of a worn cuff by a new one to thus extend the useful life of the trousers;

Third, to provide an improved clip or clamp means which in closed position will not produce any unseemly bulges in the cuff;

Fourth, to permit the easy adjustment of the clip to open and closed positions respectively, so that the cuffs can be attached to or detached from the trousers leg with ease;

Fifth, to permit the clips to be manufactured at a very low cost; and

Sixth, to allow a single set of clips to be used with any of a large number of cuffs.

Other objects will appear from the following description, the claim appended thereto, and from the annexed drawing, in which like reference characters designate like parts throughout the several views, and wherein:

Figure 1 is a perspective view showing the lower portion of a trousers leg equipped with a cuff attachment according to the present invention;

Figure 2 is an enlarged transverse section on line 2—2 of Figure 1; and

Figure 3 is a perspective view of the clips per se.

The reference numeral 10 designates a trousers leg and in accordance with the present invention, this is made without a cuff. Alternatively, the cuff originally on the leg can be cut off after it has seen its useful life, with the trousers still being usable through the provision of detachable cuffs formed according to the present invention. The cuffs of the invention, it may be noted, may be in various colors contrasting with that of the pair of trousers and might, for example, match the shoes or some other portions of the wearer's garments.

In any event, spaced along the length of the cuff, at opposite sides thereof, are removable clips or clamps 14, each comprising a pair of pivotally connected, crossing clamp elements having confronting jaws at their upper ends biased toward one another by resilient, yielding means associated with the clamp elements.

Each clamp includes a first clamp element 16 having at its upper end a transversely disposed head or jaw 18 out of which are struck small teeth 20 spaced uniformly over the length of the head. The lower end portion 22 is widened and at the upper end of the widened part, intermediate the ends of the clamp element, there

2

are struck out of the material of the same, hinge or pivot sleeves 24.

Lateral projections 26 formed upon the intermediate portion of a second clamp element 28, are rotatably engaged in the hinge sleeves, with the lower end portion of the second element extending through a large opening 29 of the first element.

At its upper end, the element 28 has a flat head 30 formed with inwardly struck teeth 32, and below the heads, a rubber band 34 is circumposed about the clamp elements, to resiliently bias the jaws or heads toward one another.

It will be noted that the head 18 of first clamp element 16 projects laterally in opposite directions beyond the sides of the first clamp element, thus defining side shoulders on the clamp element that face downwardly in Figure 3. Element 16, further, has the widened part defined by the lower end portion 22, and said widened part terminates at its inner end, that is the end nearer head 18, at a location just above the pivot axis of the clamp elements. As a result, the widened part, since it also projects laterally in opposite directions beyond the sides of the body portion of element 16, cooperates with the laterally projecting portions of head 18 in defining side recesses of element 16 aligned transversely of the element and receiving the rubber band 34. The rubber band is thus limited in its movement longitudinally of the respective clamp elements, should such movement tend to occur, beyond a position in which it is disposed between the heads of the clamp elements and the inner end of the widened part 22.

In use the cuff 12, which has inwardly turned lips 36 on its top edge is positioned in embracing relation to the lower edge of the trousers leg. The clips at this time are spread by the user with the teeth of the jaws penetrating the lips and the upper ends of the elements extending between the lips and the adjacent side walls of the cuffs.

On release of the clamps the rubber band will contract and shift the jaws toward one another. The cuff will thus grip the trousers leg portion that extends between the lips and the teeth of the jaws will penetrate the material of the trousers leg to securely connect the cuff thereto.

When the jaws swing toward one another, the lower ends of the clamp elements will also move toward each other due to the crossing of the clamp elements at their point of pivotal connection. The clips thus are flattened and will not produce bulges in the cuff.

When the cuff is to be removed, the clips are spread, spreading the cuff both at top and bottom thereof so that it can be removed with ease.

It is believed clear that the invention is not necessarily confined to the specific use or uses thereof described above, since it may be utilized for any purpose to which it may be suited. Nor is the invention to be necessarily limited to the specific construction illustrated and described, since such construction is only intended to be illustrative of the principles of operation and the means presently devised to carry out said principles, it being considered that the invention comprehends any minor changes in construction that may be permitted within the scope of the appended claim.

What is claimed is:

A clip comprising a pair of elongated clamp elements each formed from a length of thin, flat material, said elements being disposed in crossing relation intermediate their ends, one of the elements including at one end a head having side portions projecting laterally outwardly beyond the respectively opposite sides of said one clamp element, said one element further including, at the end thereof remote from the head, an elongated widened

3

part of rectangular outer configuration, said widened part and the head of the one element cooperating to define recesses opening upon the opposite sides of the one clamp element which recesses extend the full distance between the head and widened part, said widened part being formed adjacent the recess with outwardly struck hinge sleeves aligned transversely of the widened part, the other clamp element having an elongated straight body portion the transverse dimension of which is substantially equal to the distance between the recesses measured along a line extending transversely of the first named clamp element normally to the length of said first named clamp element, the widened part of said one clamp element having an elongated, slot-like opening of a width substantially equal to said distance between the recesses, said opening receiving the body portion of the second named clamp element and being extended the greatest part of the length of the widened part, said other clamp element including a head opposing the head of said one clamp element and projecting laterally outwardly beyond the sides of the body portion correspondingly to the head of said one

4

clamp element; the respective heads being formed with inwardly struck, confronting teeth; a rubber band circumposed about the respective clamp elements and engaged in said recesses, said rubber band being tensioned to normally bias the heads toward one another; and lateral projections formed upon the body portion of the second named clamp element and rotatably engaged in the hinge sleeves to pivotally connect the elements at their point of crossing.

## References Cited in the file of this patent

## UNITED STATES PATENTS

3,471	Verplank	Mar. 9, 1844
366,787	Moses	July 19, 1887
640,658	Hinkley	Jan. 2, 1900
653,747	Lewis	July 17, 1900
989,071	Simpson	Apr. 11, 1911
1,330,769	Smith	Feb. 10, 1920
2,583,861	Lewallen	Jan. 29, 1952