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COMBINATION HANGER FOR CLOTHES

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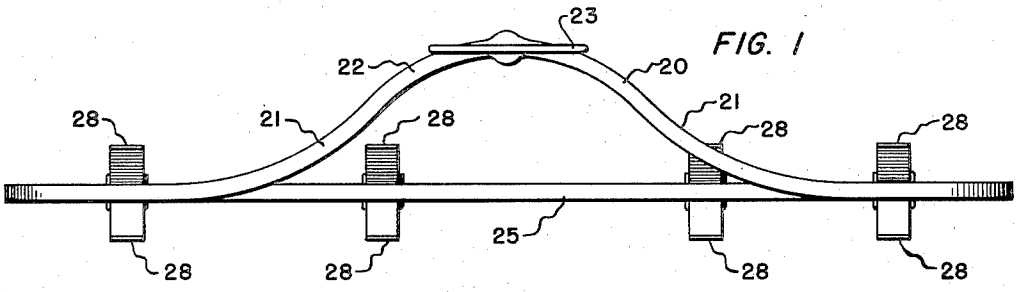


FIG. 1

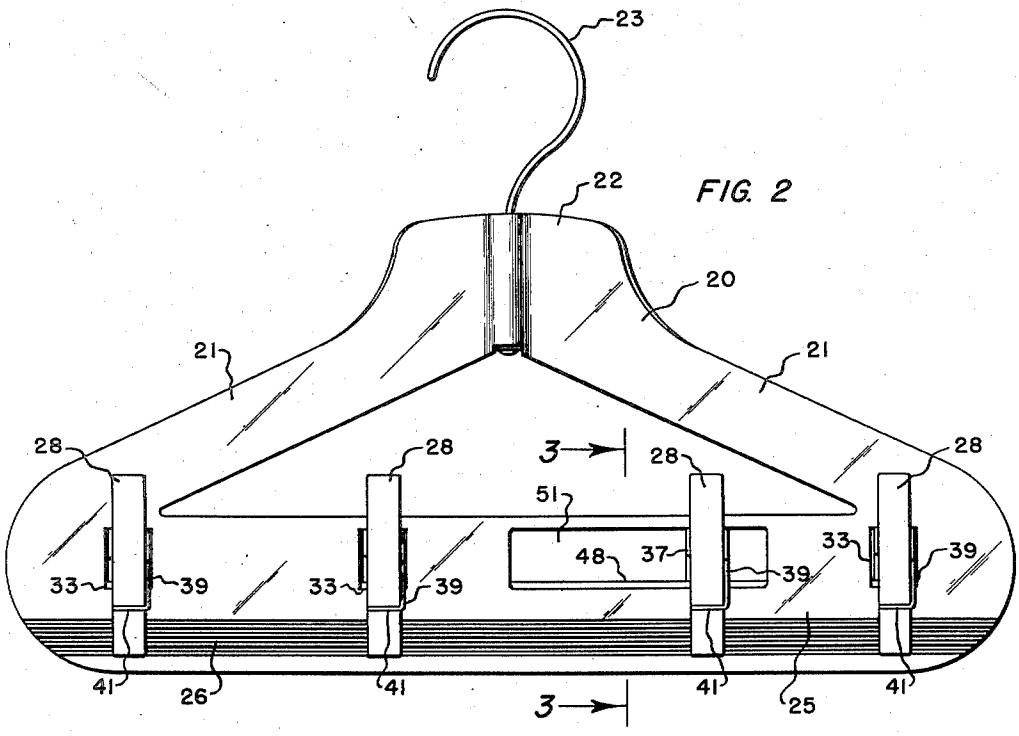


FIG. 2

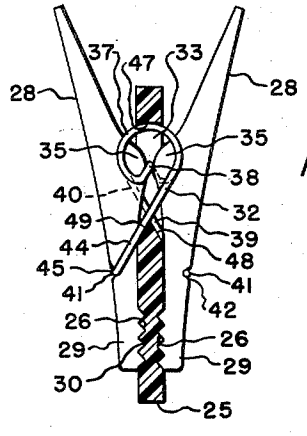


FIG. 3

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COMBINATION HANGER FOR CLOTHES

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2 Claims. (Cl. 223—91)

The present invention relates to a hanger for clothes, and particularly to a combination hanger for coats and trousers or skirts.

The hanger includes an elongated horizontally-extending bar, and this bar is provided with longitudinally-extending grooves, preferably on both side faces thereof. The hanger also includes vertically-extending fingers spaced horizontally from one another and are movably, that is pivotally, carried by the bar, and each of the fingers includes a section having horizontally-extending grooves which confront the grooves in the bar. A spring is provided for each of the fingers, and this spring yieldingly urges the grooved finger section onto the bar.

In one aspect of the invention the spring, which yieldingly urges the finger section into position, is also utilized as the element for holding the finger in position on the bar, and if fingers are disposed adjacent one another, but on opposite sides of the bar, the spring is utilized for holding both fingers on the bar.

Still another aspect of the present invention, at least one of the fingers is movable horizontally relative to the bar so as to more readily clamp material of different widths in position.

Further objects and advantages will be apparent from the following description, reference being had to the accompanying drawings wherein a preferred embodiment of the invention is illustrated.

In the drawings:

Fig. 1 is a top plan view of the hanger;

Fig. 2 is a side view of the hanger; and

Fig. 3 is a sectional view taken on line 3—3 of Fig. 2.

Referring more in detail to the drawings, the hanger **20** includes a garment- and shoulder-supporting bar **21** connected by a yoke **22**, to which latter there is attached an upwardly-extending hook **23**. The bars **21** extend upwardly and rearwardly to conform more closely to the shape of the garment. The hanger **20** also includes a lower bar **25**. This bar extends, generally, horizontally and is connected with the lower ends of the shoulder-supporting bars **21**. The sections **21**, **22**, and **25** may be formed integrally and are preferably formed of a plastic.

The bar **25** is provided with a plurality of longitudinally-extending grooves **26** and, preferably, the grooves are disposed on opposite sides of the bar.

Vertical spring-pressed fingers **28** have their lower sections **29** yieldingly urged against the grooved sections of the bar **25**. These sections **29** are provided with grooves **30** which confront and complement the grooves **26** and the bar **25**.

The fingers are urged to position by resilient springs **32**. Preferably a pair of fingers **28** have their portions **29** urged against the bar **25** by one spring. To accomplish this, an opening **33** is formed in the bar **25**, one opening for each pair of fingers. Each finger includes a fulcrum section **35** confronting a like section on the other of the pair of fingers, and this fulcrum section is aligned with the opening **33** and extends within the opening. The spring **32** includes a substantially horizontally-extending section **38**, which is interposed between the confronting portions of the fulcrum sections **35** of a pair of fingers **28**. This section **38** is within the plane of opening **33** of lower bar **25**. One end of section **38** merges into a loop section **37** which curves in a clockwise direction in Fig. 3 and engages one side of both fulcrum sections **35** on each finger **28**. Loop **37** merges with section **44** which traverses opening **33** and extends downwardly and to the left to merge with a horizontally-extending portion **45**, which rests within groove **41** on the outer surface of finger **28** below the fulcrum portion **35**. The opposite end of the horizontal section **38** merges with another loop similar to loop **37** although curved in the opposite direction. This loop engages the other side (hidden from view in Fig. 3) of both fulcrum sections **35** on each finger **28** and merges into section **39**, part **40** of which is shown by dashed lines. Section **39** traverses opening **33** from upper left and extends downwardly to the right to merge into horizontally-extending portion **41** which rests within groove **42** on the other finger **28**.

The upper part of both loops are yieldingly urged against a shoulder **47** formed by the inside of the opening **33**. The spring sections **39** and **44** are yieldingly urged against the shoulders **48** and **49** formed by the lower part of opening **33**. Thus the spring **32** not only urges the lower parts of the fingers **28** into yielding engagement with the bar **25**, but also yieldingly holds the fingers on the bar **25**, the aforementioned shoulders **47**, **48**, and **49** preventing displacement of the spring.

The integral upper sections of the fingers **28** extend outwardly from the bar **25** so that they can be pressed toward the bar. When pressed toward the bar, the fingers will fulcrum about section **35** to thereby move its lower section away from the bar, whereby a garment can be placed in position between section **29** and the bar. The spring of course retains the garment in position after the upper section is released.

One or more of the openings **33** may be a horizontally elongated slot, as shown at **51**, whereby a pair of fingers **28** may be shifted horizontally of the bar **25**. In this manner the one pair of fingers can be adjusted to one another so as to accommodate clothes of different widths, such as cuffs of trousers which are relatively narrow with respect to the once-folded upper part of a skirt.

While the form of embodiment herein shown and described constitutes a preferred form, it is to be understood that other forms may be adopted falling within the scope of the claims that follow.

I claim:

1. A hanger for clothes comprising a pair of shoulder supporting bars having a horizontally extending bar connecting the outer ends thereof, said horizontally extending bar having a plurality of openings therein and having horizontally extending grooves below said openings, each of said openings having a top shoulder and a bottom shoulder, a spring member having loop portions engaging said top shoulder, said loop portions merging into downwardly extending sections, said downwardly extending sections crossing within said opening and extending transversely therethrough and engaging said bottom shoulder to position said spring member in said opening, a pair of fingers one on each side of said horizontally extending bar, said fingers having upwardly and outwardly extending upper sections and lower inwardly extending sections engageable with said horizontally extending bar below said opening, said lower section of said fingers having horizontally extending grooves on the inner surfaces thereof, said grooves of said horizontally extending bar and said fingers confronting and complementing each other to provide maximum contacting surface therebetween, fulcrum means intermediate the ends of said fingers for pivotally moving said fingers relative to said

horizontally extending bar, said downwardly extending spring sections engaging and yieldingly urging said lower finger sections into contact with said horizontally extending bar.

2. A hanger for clothes comprising a pair of shoulder supporting bars having a horizontally extending bar connecting the outer ends thereof, said horizontally extending bar having a plurality of openings therein, each of said openings having a top shoulder and a bottom shoulder, a spring member having loop portions engaging said top shoulder, said loop portions merging into downwardly extending sections, said downwardly extending sections crossing within said opening and extending transversely therethrough and engaging said bottom shoulder to position said spring member in said opening, said bottom shoulder comprising inwardly tapered surfaces from opposite sides of said horizontally extending bar, each of said surfaces providing maximum contact with one of said extending spring sections, a pair of fingers one on each side of said horizontally extending bar, said fingers having upwardly and outwardly extending upper sections and lower inwardly extending sections engageable with said horizontally extending bar below said opening, fulcrum means intermediate the ends of said fingers for pivotally moving said fingers relative to said horizontally extending bar, said downwardly extending spring sections engaging and yieldingly urging said lower finger sections into contact with said horizontally extending bar.

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