

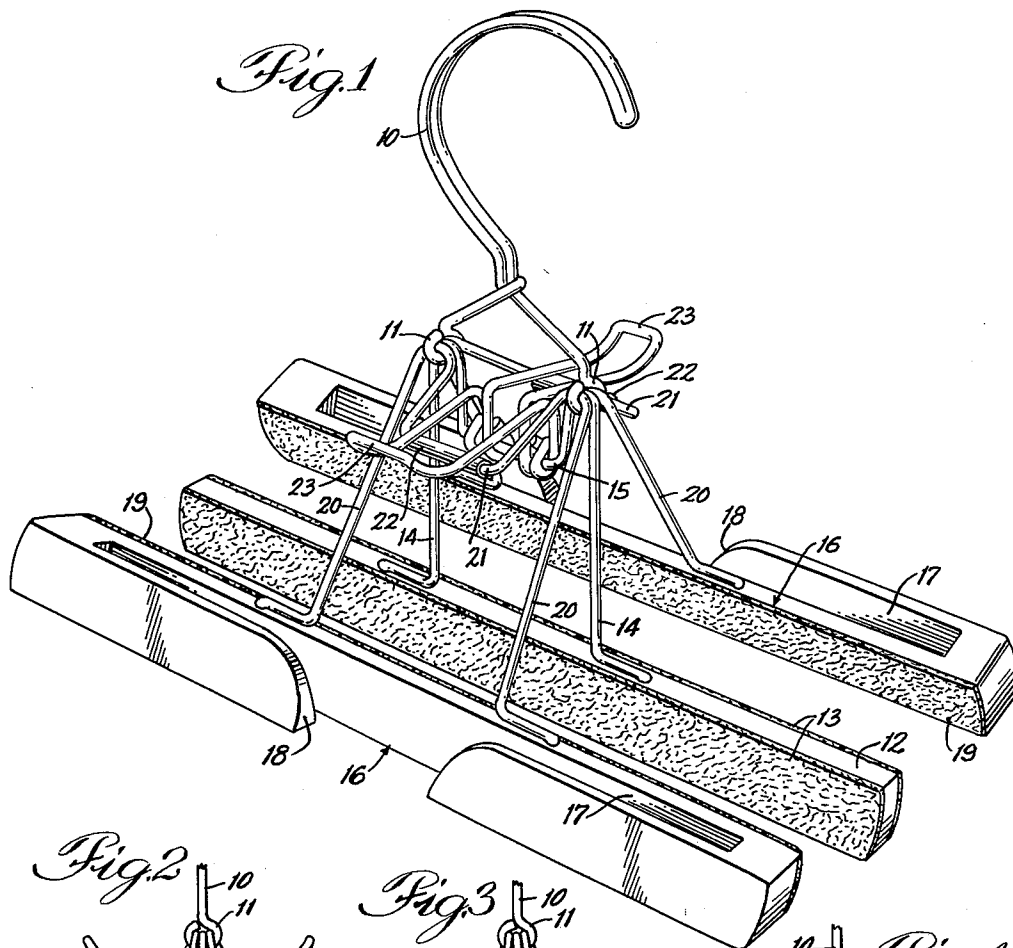
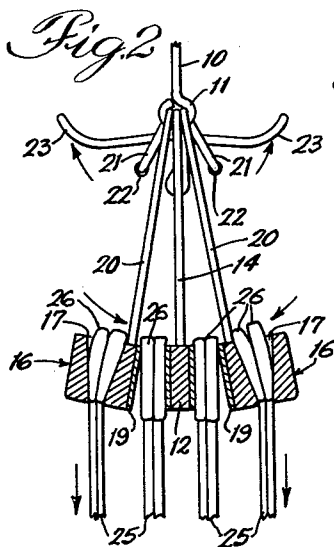
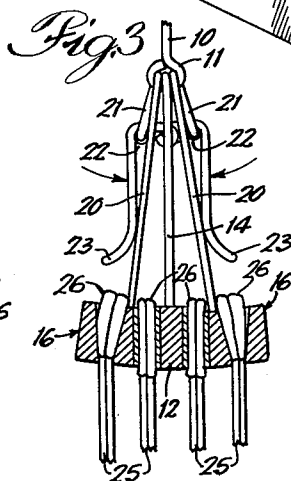
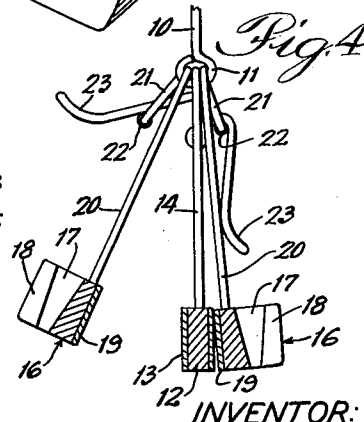
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TROUSERS HANGER

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3,048,312

TROUSERS HANGER

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This invention relates to a trousers hanger, and more particularly to a hanger adapted for the hanging of four pairs of trousers.

Hangers for supporting one or two pairs of trousers have been satisfactory because the parts can be manipulated readily for securing the trousers in position. However, when it is attempted to support a greater number of trousers on a single hanger, great difficulty is experienced because there are many clip parts to operate and it has not been feasible to secure the trousers in even position within the clips. Thus, while it is highly desirable to support multiple pairs of trousers in a compact arrangement on a single hook, a successful structure enabling one to accomplish this has not been produced.

An object of the present invention is to provide a multiple pants hanger structure which can hold trousers with cuffs and without cuffs, two pairs or more. Another object is to provide a novel trouser hanger structure adapted to hold trousers with cuffs as well as trousers without cuffs, and holding two or more pairs of trousers as may be desired.

The invention is shown, in an illustrative embodiment, by the accompanying drawing, in which—

FIGURE 1 is a perspective view of a hanger embodying my invention; FIG. 2, a broken side sectional view showing the initial operation in which four pairs of trousers are anchored in position but prior to the clamping operation; FIG. 3, a view similar to FIG. 2 but showing the innermost pairs of trousers clamped between the slide and clip elements and which may be with cuffs or without cuffs; and FIG. 4, a view similar to FIG. 3 but showing the pivotal mounting of the side clip or slide.

In the illustration given, 10 designates a hook providing at its lower ends a pair of spaced loops 11. A central clip member 12 is provided on both sides with fabric-gripping means 13 such as felt. A wire support 14 carried by the clip 12 extends through the loops 11 and provides a downwardly-turned bearing 15.

On each side of the central clip 12 is mounted a slide member 16 having a trouser-supporting slot 17 and with the central portion of the slot apertured at 18 to provide an entrance to the slot 17 for supporting trousers therein. The slots are tapered downwardly and inwardly so as to engage and hold the cuffs of the trousers. The inner side of each slot 17 may be provided with felt 19, or other suitable gripping material. Each of the slides 16 is provided with an upwardly-extending wire 20 which passes through the loops 11 so as to pivot therein, and each wire has an outwardly-extending clamp arm 21 provided with a bearing sleeve 22.

Any suitable means for clamping the slide and clip members together may be employed. In the illustration given, I provide two clamps 23, each of which has an inner end looped about the bearing 15 of wire 14, as indicated by the numeral 24. The clamps 23 extend in opposite directions and engage the laterally-extending bearing sleeves 22, as shown best in FIG. 1. When the clamps 23 are pressed downwardly, they move the clamping sleeves 22 inwardly and draw the members 16 tightly against the inner clip 12.

In the foregoing structure, it will be observed that the central clip 12 is substantially stationary by virtue of its suspension through the loops 11 and its engagement with the clamping members 23, while the outer wire members

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20 swing freely within the loops 11, being thus swingable inwardly toward the central clip 12.

In the illustration given, the trousers are indicated by the numeral 25 and the trouser cuffs are indicated by the numeral 26.

Operation

In the operation of the structure, the parts are in their normal unclamped position, as illustrated in FIG. 1, and the user hangs the hook 10 upon a support so that his hands are free for securing the trousers in position. The heavy trousers are preferably secured to the outer slides 16, and they are secured in position first, the trousers being threaded through the opening 18 and into the slots 17 so that the cuffs of the trousers lock the trousers in position, as illustrated best in FIG. 2. As stated, the heavy pair of trousers is preferably first threaded into the slots 17 as described, so that the weight of the trousers causes the slides to swing inwardly toward the central clip 12.

The user can then insert two pairs of trousers, cuffed or uncuffed, between the inner surface of each slide 16 and the central clip 12, as illustrated in FIG. 2, and the weight of the outer trousers carried by the slides enables the user to smoothly arrange the cuffs between the clips so that they are supported as illustrated in FIG. 2. The clamps 23 may then be swung inwardly as illustrated in FIG. 3 so as to compress the inner pairs of trousers between the slides and the central clip, and when this is accomplished, the hook containing the four pairs of trousers can be freely moved from one support to another. The felt members 13 and 19 may, if desired, be omitted.

In the foregoing operation, it is found that the weight of the outer pairs of trousers is sufficient to grip the inner pairs of light trousers so as to hold them in position while they are being smoothly adjusted for the clamping operation, and the trousers may be released by the user and yet be held lightly in position. Such light gripping is desirable at this stage because it enables the user to smooth the cuffs and to adjust them evenly throughout before the clamping members are applied. When the clamping members are applied, as illustrated in FIG. 3, the innermost pairs of trousers are gripped tightly and firmly held so that, as above stated, the hook support can be moved readily from one support or room to another.

The felt members 13 and 19 may be secured in position by adhesive or other suitable means, and it will be understood that a variety of clamping surface materials may be employed. Further, in the wire support structure, it will be understood that a variety of members which will provide the necessary clamping action may be used in place of the specific structure illustrated.

While, in the foregoing specification, I have set forth a specific structure in considerable detail for the purpose of illustrating the invention, such details may be varied widely by those skilled in the art without departing from the spirit of my invention.

I claim:

1. In a trouser hanger, a hook providing spaced horizontally-aligned loops, wire bails suspended from said loops, a central clip member suspended by one of said wire bails, slide members flanking said central clip member and pivotally suspended from said loops by other of said bails and swingable toward said clip member, said slide members being provided at their outer sides with trouser-supporting slots apertured for receiving trousers, said slide members, when loaded with trousers, swinging inwardly to urge the inner surfaces thereof toward said central clip member for confining trousers therebetween.

2. The structure of claim 1 in which said hanger is provided with clamp means for urging the slide members toward said central clip member.

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3. The structure of claim 1 in which said bails supporting said slide members have central outwardly-projecting bearings and said wire bail supporting said central clip member has a depending bearing equipped with clamps rotatably mounted thereon and engageable with said outwardly-projecting bearings on said bails for urging the same inwardly to bring said slide members into clamping relation with said central clip member.

4. A trouser hanger, comprising a hook having depending horizontally spaced loops, wire bails suspended from said loops, a central clip member suspended by one of said bails, said one of said bails having a downwardly-extending central bearing, slide members flanking said central clip member and pivotally supported by other of said bails, said last-mentioned bails having outwardly-extending bearings, clamping members pivotally supported upon said first-mentioned bail bearing and engageable with the bearings of said second-mentioned bails, said slide members being provided at their outer sides with trouser slots apertured for receiving trousers, said slide members, when loaded with trousers, swinging inwardly

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to urge the inner surfaces thereof toward said central clip member for confining trousers therebetween, said clamping members, when engaging the bearings of said second-mentioned bails, securing said slide members in clamping relation against trousers between them and said central clip member.

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