

Nov. 20, 1951

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GARMENT HANGER CONSTRUCTION
AND LOCKING MEANS THEREFOR
Filed Aug. 30, 1950

2,575,979

FIG. 1.

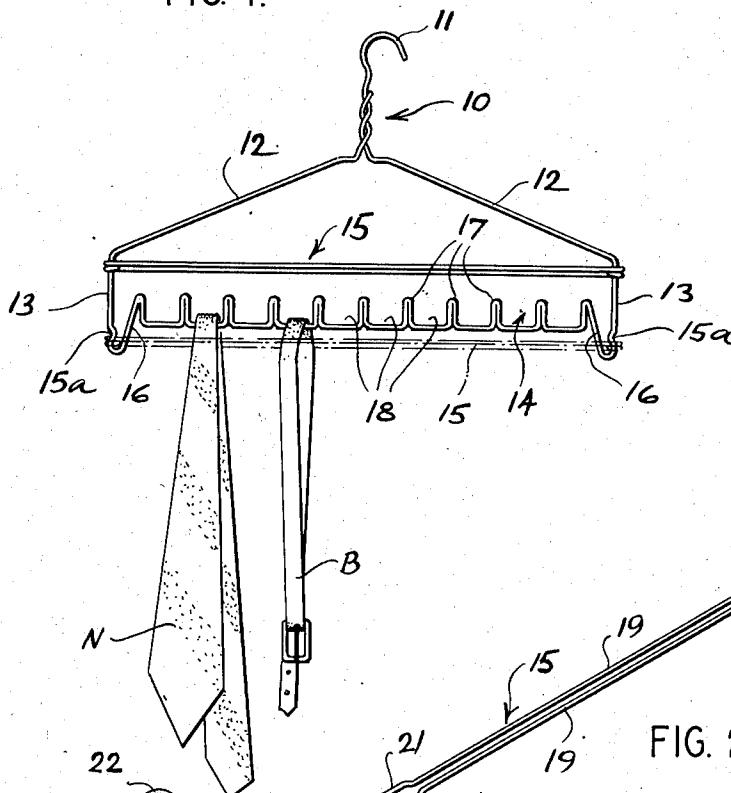


FIG. 2.

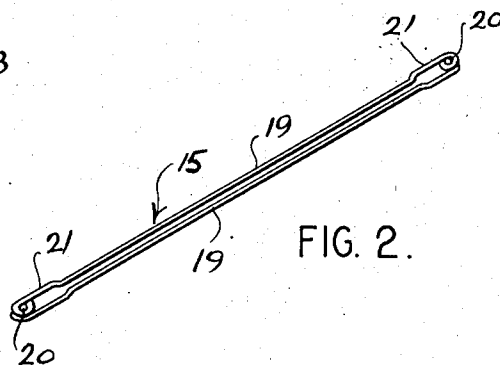
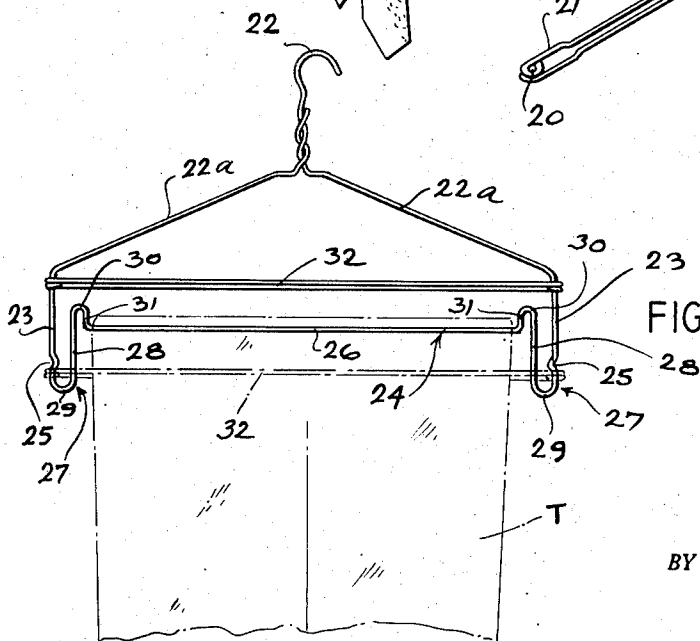


FIG. 3.



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2,575,979

GARMENT HANGER CONSTRUCTION AND
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Application August 30, 1950, Serial No. 182,248

9 Claims. (Cl. 223—91)

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This invention relates to improvements in garment-hangers, more particularly to a combined garment hanger and necktie rack.

Its principal object is to provide a garment hanger having means to support and securely retain a plurality of neckties, belts, suspenders, etc. thereon, in addition to supporting a coat or jacket; or to clampingly engage and securely support trousers thereon, in addition to supporting a coat or jacket.

Another object of the invention is to provide a wire garment-hanger provided with inexpensive locking means for clampingly engaging a plurality of articles thereon, the said garment-hanger being made from a single piece of wire, and the locking means being also made from a single length of wire.

Another object of the invention is to provide a hanger which is economical to manufacture, and which is composed of a minimum number of sections.

Further objects and advantages and features of the invention are disclosed in the following description and annexed drawing, which illustrates preferred embodiments thereof.

In the drawing:

Fig. 1 is a longitudinal view of one embodiment of the invention;

Fig. 2 is a perspective view of the longitudinal locking or clamping means; and

Fig. 3 is a longitudinal view of a second embodiment of the invention.

Referring to Figs. 1 and 2 of the drawing, the body 10 of the hanger is made from a single length of wire bent to form the suspension hook 11; the two inclined side arms 12 which are designed to fit the shoulders of a coat or jacket; the two vertically depending side arms 13; and the longitudinal necktie supporting section 14. The said hook and side arms are of conventional construction and configuration, the invention herein residing in the lower section of the hanger and the clamping or locking means 15 slidably associated therewith. Each side arm 13 is inwardly bent at a point adjacent each lower end thereof to provide two small inwardly extending and aligned dimples or projections 15a, the function of which will be hereinafter described.

Necktie section 14 is located intermediate the two vertical side arms 13 and is positioned above projections 15a. Opposite corner or end bends 16 connect said side arms 13 to the said necktie section. The said necktie section is bent to provide a plurality of upwardly extending and spaced vertical projections 17, thereby forming a plu-

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ality of necktie or belt receiving units 18 therebetween. Fig. 1 shows one necktie N and one belt B supported by two of such units. The height and number of projections 17 is a matter of convenience, and will depend perforce on the number of articles to be supported by necktie section 14.

The locking member 15 for retaining the neckties on necktie section 14 is clearly illustrated in Fig. 2. It is made from a single length of wire and bent to form a pair of parallel and spaced longitudinal clamping bars or arms 19 and the opposed end retaining loops or rings 20. The terminals 21 of the said bars are bent and offset with respect to the remainder thereof, so as to render the locking member 15 transversely resilient and flexible, so that the said bars can be moved transversely away from each other. The two free ends of the length of wire from which said locking member is formed can be connected to each other by welding, soldering, or in any other convenient manner.

Fig. 1 shows locking member 15 in normal assembled position on the vertical side arms 13 of the hanger. This is accomplished by slipping the two free ends of the wire through the two retaining rings 20 prior to the bending operations of forming the two inclined side arms 12 and the suspension hook 11. Fig. 1 shows (in full lines) locking member 15 in its uppermost non-clamping position. The said locking member is held in such position as its end retaining rings 20 frictionally engage the vertical side arms 13 of the hanger. To clamp the neckties, belts, etc. suspended from necktie section 14, locking member 15 is slid downwardly on side arms 13 until it reaches its lowermost clamping position below the two projections 15a as shown in broken lines in Fig. 1. The said two projections act as stops to retain locking member 15 in such lowermost position. Without such projections, the natural resiliency of the said locking member and the relative smoothness of the wire would cause the locking member to slip or jump upwardly.

Locking member 15 is slidable along vertical side arms 13 of the hanger from the uppermost non-clamping position (full lines—Fig. 1) to the lowermost clamping position (dotted lines—Fig. 1). In moving from the former position to the latter position, projections 17 of necktie section 14 pass between the bars or arms 19 of said locking member. The neckties and belts suspended from said necktie section are thus clamped intermediate the said bars or arms 19,

thereby effectively retaining the said articles thereon and preventing slippage. To release the locking member from clamping position, it is only necessary to push or slide the said member upwardly.

Referring to Fig. 3, this shows a second embodiment of the invention in which the necktie section 14 of the first embodiment has been replaced by a trouser supporting section. Otherwise, the hanger and locking means therefor are the same as described in the first embodiment.

The hanger of the second embodiment is likewise made from a single length of wire bent to form a suspension hook 22; the two inclined side arms 22a; the two vertical side arms 23 depending from said side arms 22a; and the longitudinal trouser supporting section 24.

Similarly to the first embodiment, each side arm 23 is inwardly bent at a point adjacent each lower end thereof to provide two inwardly extending and aligned projections 25, which have precisely the same function as the corresponding projections 15a of the first embodiment.

The trouser supporting section 24 comprises the transverse bar or arm 26, which is connected to, spaced from, and located wholly within the vertical side arms 23 of the hanger by the corner connecting members 27. Each said member 27 comprises a vertical arm 28, which is parallel to and spaced from outer vertical side arm 23; a lower outwardly extending curved portion 29 depending from said arm 28 and extending below projection 25 of outer side arm 23; an upper curved portion 30 projecting upwardly and inwardly from said arm 28; and a short arm 31, which extends from said upper curved portion 30 to the end of horizontal arm 26. The said trouser-supporting arm 26 is thereby positioned below upper curved portions 30 and intermediate arms 31, the said arms acting as restraining members to prevent the lateral shifting or movement of the trousers.

The locking member 32 of the second embodiment is identical to locking member 15 of the first embodiment, both in construction and operation. Fig. 3 shows the said locking member assembled with the hanger of the second embodiment. The uppermost non-clamping position of said locking member is shown in full lines, and the lowermost clamping position is shown in broken lines. In the former position, the said locking member is frictionally held above trouser support section 24. In the latter position, the said locking member is located below said trouser support section and is retained in its clamping position by the projections 25 in the vertical side walls 23 of the hanger. In the latter position, the legs of the trousers T supported by section 24 and depending therefrom, are clamped intermediate the longitudinal arms of locking member 32.

There has been illustrated and described two preferred embodiments of the invention, but it is obvious that other changes and omissions may be made without departing from its spirit. The size and proportions are a matter of choice. In addition, it is not desired to be restricted to the use of wire as it is obvious that the invention herein may be embodied in hangers made of different materials or combinations of materials.

What is claimed is:

1. A garment hanger device comprising a pair of inclined garment supporting arms, a vertical side arm depending from each of said inclined

arms, a longitudinal supporting member spaced from and wholly disposed between said vertical side arms and attached thereto, a longitudinal resilient clamping member slidably mounted on said side arms, said clamping member being vertically slidable on said side arms to clampingly engage articles carried by the supporting member, said side arms being provided with means below said supporting member to releasably retain the said clamping member in clamping position.

2. A garment hanger device in accordance with claim 1, in which the clamping member comprises a pair of spaced longitudinal clamping arms connected to each other at their terminals, a retaining loop formed at each end of the junctions of said clamping arms, each vertical side arm of the hanger device extending through each said loop, said clamping member when in clamping position embracing said supporting member.

3. A garment hanger device comprising a pair of inclined garment supporting arms, a vertical side arm depending from each of said inclined arms, a longitudinal article supporting section spaced from and wholly disposed between said vertical side arms and connected thereto, a longitudinal resilient clamping member mounted on said side arms, said clamping member being vertically slidable on said side arms over the article supporting section to clampingly engage articles suspended from said necktie section, said side arms being provided with inwardly extending projections adjacent the lower ends thereof and below said article supporting section to retain said clamping member in clamping position.

4. A garment hanger device comprising a pair of inclined garment supporting arms, a vertical side arm depending from each of said inclined arms, a longitudinal article supporting section spaced from and wholly disposed between said vertical side arms and connected thereto, said article supporting section having a plurality of spaced upwardly extending projections thereon, said projections forming a plurality of article receiving recesses therebetween, a longitudinal resilient clamping member mounted on the vertical side arms of the hanger said clamping member being vertically slidable on said side arms over the supporting section to clampingly engage the articles suspended in the recesses thereof, said side arms being provided with inwardly extending projections adjacent the lower ends thereof to retain said clamping member in clamping position.

5. A garment hanger device in accordance with claim 4, in which the clamping member comprises a pair of spaced longitudinal clamping arms connected to each other at their terminals, a retaining loop formed at each end of the junctions of said clamping arms, each vertical side arm of the hanger device extending through each said loop, said clamping member when in clamping position embracing said supporting section.

6. A garment hanger device comprising a pair of inclined garment supporting arms, a vertical side arm depending from each of said inclined arms, a transverse trouser supporting arm disposed between said vertical side arms and connected thereto, said trouser supporting arm being positioned above the lower ends of said vertical side arms, a longitudinal resilient clamping member mounted on said side arms, said clamping member being vertically slidable on said arms from an upper non-clamping position above the

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trouser-supporting arm to a lower clamping position below said trouser supporting arm, means carried by said side arms to releasably retain said clamping member in clamping position.

7. A garment hanger device in accordance with claim 6, in which the clamping member comprises a pair of spaced longitudinal clamping arms connected to each other at their terminals, a retaining loop formed at each end of the junctions of said clamping arms, each vertical side arm of the hanger device extending through each said loop, said spaced clamping arms when in clamping position embracing said trouser supporting arm.

8. A garment hanger of the character described comprising a pair of inclined garment supporting arms, a vertical side arm depending from each of said inclined arms, a necktie supporting section disposed intermediate said vertical arms and above the lower ends thereof, a longitudinal resilient clamping member mounted on said side arms, said clamping member being vertically slidable on said arms from an upper non-clamping position above said necktie supporting section to a lower clamping position below said necktie section, means carried by side arms

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to releasably retain said clamping member in clamping position, said clamping member comprising a pair of spaced and parallel longitudinal clamping arms connected to each other at their terminals and embracing said supporting section when in clamping position, a retaining loop formed at each said connected end of said clamping arms, each vertical side arm of the hanger extending through each said loop.

9. A garment hanger in accordance with claim 8, in which the necktie section is provided with a plurality of upwardly projecting spaced projections forming a plurality of necktie-receiving units therebetween.

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