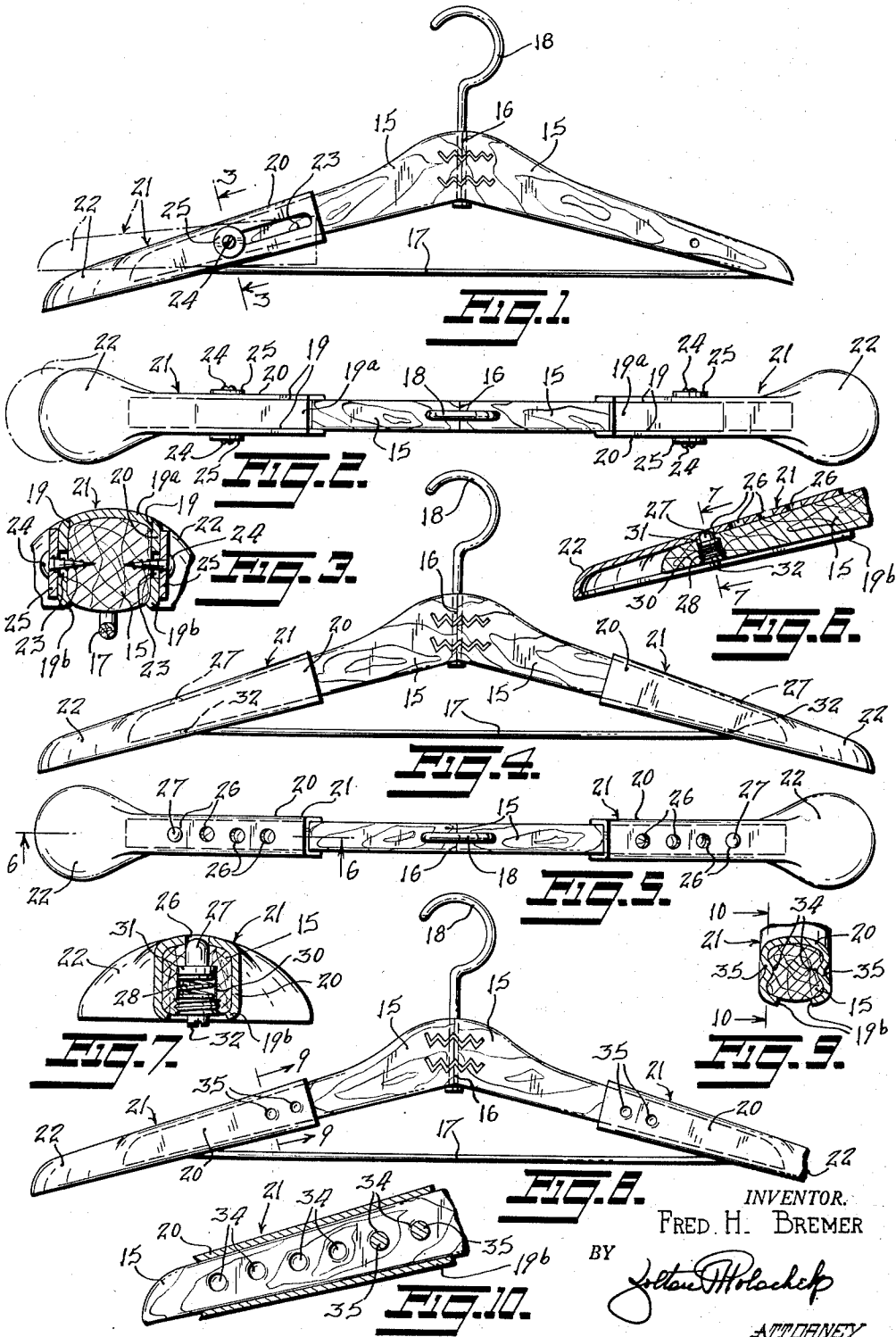


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EXTENSIBLE GARMENT HANGER

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EXTENSIBLE GARMENT HANGER

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This invention relates to new and useful improvements in garment hangers and, more particularly, to an extension attachment for existing hangers whereby the latter can be extended to better support garments having a wide shoulder expanse.

One object of the invention is the provision of a shell-like extension of the type mentioned which can readily be fixed on a hanger in such manner as to be easily adjustable to conform with a wide range of shoulder expanses.

A modified form of the invention has for its object the provision of means whereby such extension can be secured in a plurality of positions to extend the range of the hanger varying amounts, simply and efficiently, said means also being adapted to the rapid relocation of the extension.

Another form of the invention has for its object the provision of extremely simplified means for retaining the extension in any of a plurality of positions in which it has been set.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a front elevation of a hanger embodying the extension of the invention, one side of the hanger being shown without the extension simplifying the illustration.

Fig. 2 is a plan view of a hanger with the extensions of the invention at either end thereof.

Fig. 3 is a sectional view on line 3-3 of Fig. 1.

Fig. 4 is a view similar to Fig. 1 but illustrating a modified form of extension.

Fig. 5 is a plan view of the hanger of Fig. 4.

Fig. 6 is a fragmentary sectional view on line 6-6 of Fig. 5.

Fig. 7 is an enlarged sectional view on line 7-7 of Fig. 6.

Fig. 8 is a front elevation of another form of extension.

Fig. 9 is a sectional view on line 9-9 of Fig. 8.

Fig. 10 is a fragmentary sectional view on line 10-10 of Fig. 9.

The hanger extensions, according to the first form of the present invention shown in Figs. 1 to 3, are shown applied to a coat hanger having a drape-supporting member or main bar 15 constructed of two like wooden parts secured together

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at 16, an auxiliary bar or rack 17 for trousers or the like, secured to member 15, and an up-standing wire hook 18. This type hanger and that type in which member 15 is constructed in one piece and which has no auxiliary bar 17 are the most universally favored, and the invention is applicable equally well to either type.

According to the invention the support member 15 is embraced at either end by a channel-like portion 20 of an extension 21 constructed of sheet metal or plastic. The extensions 21 each have a lateral shell-like portion 22 projecting from the channel portion 20 to engage beneath the shoulder pads of a garment draped on the hanger. Thus, the shape of the shoulders of the garment will not be deformed by the weight of the garment causing the member 15 to dig into the said shoulders.

The side walls of the channel portion 20 are provided each with a longitudinal slot 23, through which passes a screw 24 threaded into the member 15. Each screw 24 is headed and presses a washer 25 firmly against the side wall of the channel 20 which in turn is pressed against the member 15. Thus the extensions 21 are secured to the support member 15 yet are adjustable merely by pulling on the same to fit the shoulder expanse of variously sized garments.

It is sometimes desired that the shoulders of a garment be raised above the normal curve of the hanger while said garment is draped on said hanger. To this end the upper wall of channel portion 20 is formed with spaced longitudinally extending slits 19, see Fig. 2, dividing off a spring-like tongue 19^a which may be bent upward to bring the shell-like portion 22 of the extension to the raised position shown in Fig. 1 in dot and dash lines. The parts are secured in this position by the screws 24, and to restore the parts to normal position the screws are loosened allowing the springlike tongue 19^a to effect restoration. The length of the tongue 19^a is, of course, dependent on the results desired.

In the modification of the invention shown in Figs. 4 to 7, the channel portion 20 of each of the extensions 21 has its lower edges turned in as at 19^b and is provided in its upper wall with a plurality of longitudinally spaced holes 26 to cooperate with a plunger 27 tensioned upward out of the upper face of the member 15 by a spring 28, said plunger, however, not projecting above the holes 26. The plunger is loosely mounted in a countersunk hole 30 in the member 15 and has an annular flange 31 to engage the shoulder formed by countersinking the hole 30

to prevent said plunger from being forced out of the hole by the spring. A stub screw 32 is threaded into the opposite end of hole 30 to provide a backing for the spring 28.

The construction is such that the channel portion 20 of the extension 21 embraces the support member 15 the same as described herebefore to secure the two together laterally and vertically, and the plunger 27, by engaging in one of the holes 26, fixes the parts relative to one another longitudinally. To adjust the extensions all that is required is to press in the plunger with a finger, slide the extension 21 to the desired position and allow the plunger to project outward into another hole 26.

In the further modification of the invention shown in Figs. 8 to 10, the support member 15 is provided in each side face thereof with a plurality of longitudinally spaced indentations 34 to cooperate with a pair of extrusions 35 formed in each of the side walls of the channel portion 20 of the extension 21 in fixing the member 15 and the channel portion 20 relative to one another longitudinally.

It will be seen that the inherent resiliency of the channel portion 20 will hold the extrusions 35 firmly in the indentations, but should the extension be pulled longitudinally relative to the member 15 said extrusions will move out of the indentations in which they were held and into others of the indentations. Thus the extensions are easily adjustable to a variety of positions.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. In a garment hanger having a drape support member, an extension mounted on each end of the support member, each extension including a channel portion embracing the respective end of the support member, means for adjustably securing the extensions to the support for longitudinal movement relative to the support member, and a spring-like tongue cut in the top wall of each channel portion, said tongues being of a width corresponding to the transverse thickness of the support member and having free ends at the inner ends of the extensions permitting vertical angular adjustment of the extensions relative to the support member about their adjustable securing means.

2. In a garment hanger having a drape

support member, an extension mounted on each end of the support member, each extension including a channel portion embracing the respective end of the support member, means for adjustably securing the extensions to the support for longitudinal movement relative to the support members, said means consisting of a longitudinal slot in each side wall of each channel portion, a headed screw extending through each said slot and threaded into the support member, and a washer pressed by the head of each screw against the side wall of the channel to frictionally engage the latter with the support member, and a spring-like tongue cut in the top wall of each channel portion, said tongues being of a width corresponding to the transverse thickness of the support member and having free ends at the inner ends of the extensions permitting vertical angular adjustment of said extensions relative to the support member about their adjustable securing means.

3. In a garment hanger having a drape support member, an extension mounted on each end of the support member, each extension including a channel portion embracing the respective end of the support member, a longitudinal slot in each side wall of each channel portion, a headed screw extending through each said slot and threaded into the support member, and a washer pressed by the head of each screw against the side wall of the channel to frictionally engage the latter with the support member for holding said extensions in desired longitudinally shifted positions relative to the ends of the support member, and a spring-like tongue cut in the top wall of each channel portion, said tongues being of a width corresponding to the transverse thickness of the support member and having free ends at the inner ends of the extensions permitting vertical angular adjustment of said extensions relative to the support member about said headed screws as a pivot.

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