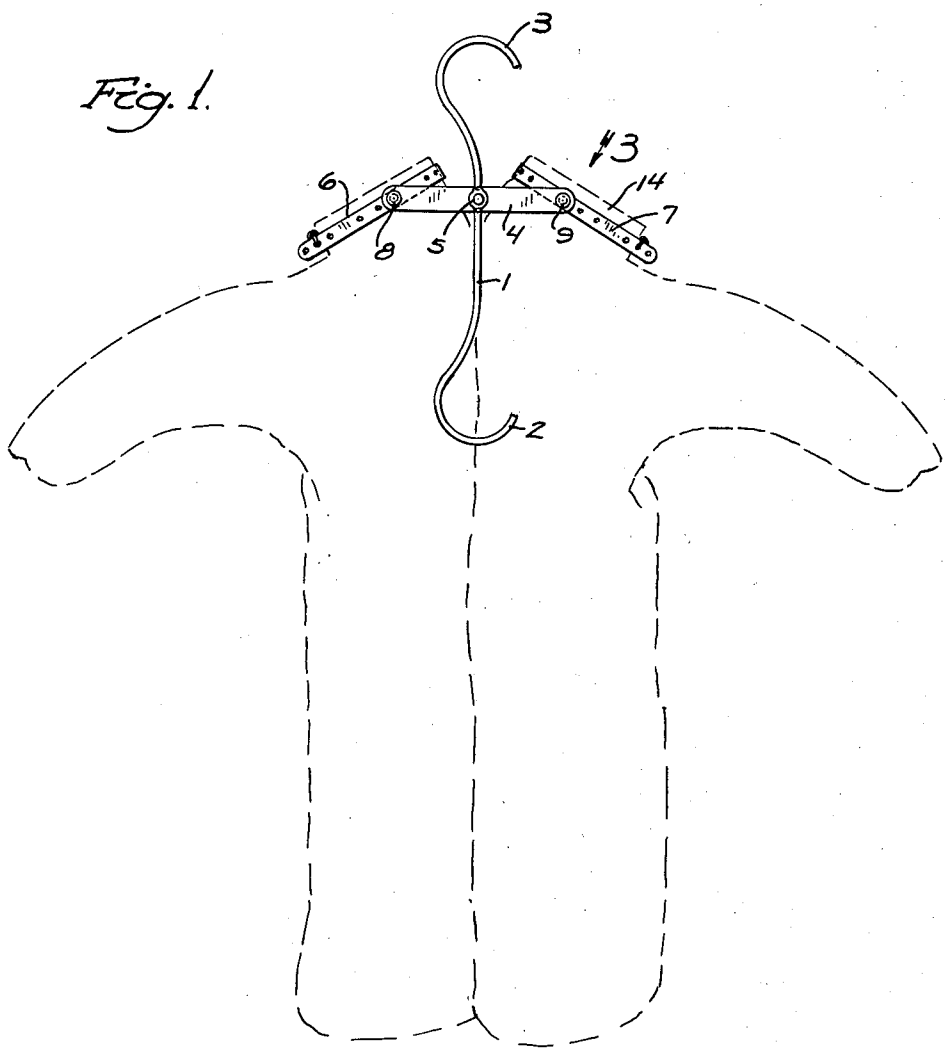
June 9, 1953 F. E. BURCH 2,641,366

BOOT HANGER

Filed Oct. 13, 1949 2 Sheets-Sheet 1

Fig. 1.



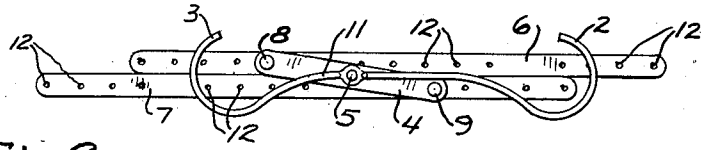


Fig. 2.

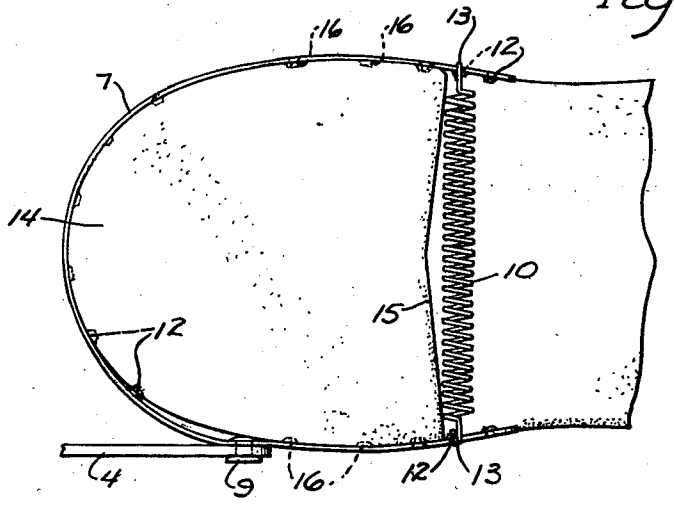
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Filed Oct. 13, 1949 2 Sheets-Sheet 2

Fig. 3.



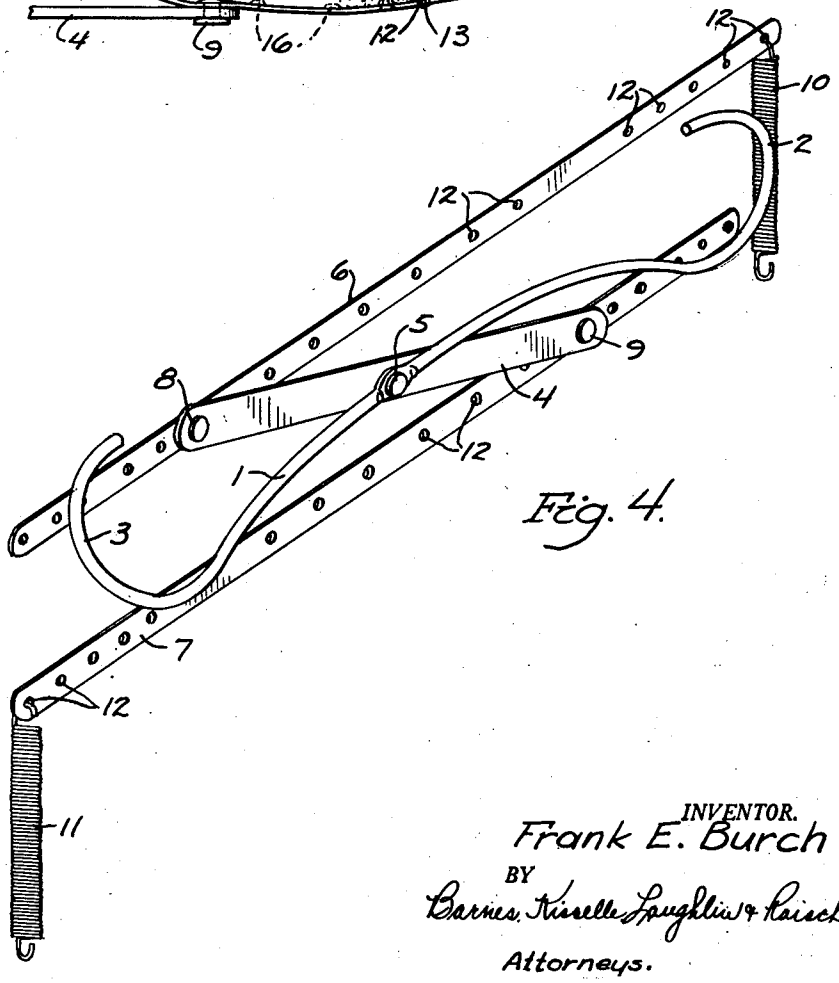


Fig. 4.

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BOOT HANGER

Frank E. Burch, Detroit, Mich.

Application October 13, 1949, Serial No. 121,168

5 Claims. (Cl. 211—38)

1

This invention relates to a boot hanger and is particularly concerned with a boot hanger upon which a plurality of pieces of wearing apparel can also be hung.

It is an object of this invention to produce a hanger which is very compact so that it can be readily transported in a minimum of space.

This invention contemplates a boot hanger which is of simple structure, easily transported, and which can be carried in a knocked-down condition and readily and quickly assembled for use at any time.

The invention also contemplates a hanger which will efficiently and securely support various types of wearing apparel, such as shoes, shirts, hose and coats.

Fig. 1 is a view showing the hanger in use.

Fig. 2 shows the hanger (minus springs) in completely collapsed condition.

Fig. 3 is a top plan view showing the portion of the hanger which supports a boot.

Fig. 4 is a perspective view showing the complete hanger in almost collapsed condition.

My hanger consists of the following elements: support member 1 provided with hooks 2 and 3 at its opposite ends, cross bar 4 pivoted to support 1 by pin 5, straps 6 and 7 pivoted to the ends of cross bar 4 by pins 8 and 9, and coil springs 10 and 11. Pivot pins 5, 8 and 9 are preferably rivets which have their ends upset to provide friction joints between members 1 and 4 and members 4 and 7 and members 4 and 6.

Members 1 and 4 can be made from any suitable material such as plastic or metal, but preferably support member 1 is made of wire and cross bar 4 of strip steel. Straps 6 and 7 which serve as clamps should be made from flexible material and are preferably made of thin flat strip spring steel. Straps 6 and 7 are each provided with a plurality of holes 12 which receive the hooked ends 13 of the coil springs 10 and 11.

As shown in Fig. 2, my hanger can be collapsed so that the straps 6 and 7 are in parallel juxtaposed relation and overlie cross bar 4 which is substantially parallel to the straps. In collapsed position the hooked support member 1 also is substantially parallel to, and overlies, straps 6 and 7. Springs 10 and 11 can be disconnected from their respective straps, as shown in Fig. 2, or, if desired, one of the hooked ends 13 of each spring 10 and 11 can be permanently affixed to its respective strap 6 or 7. In collapsed position my support occupies but very little space; in fact, less space than an ordinary flat one foot rule, so that my hanger can be readily carried in a vest or coat pocket.

2

Fig. 1 illustrates my support in use. When in use, cross bar 4 is swung about pivot 5 until it is substantially perpendicular to support rod 1. Straps 6 and 7 are each used for supporting a shoe or boot by the heel. To this end each of the straps 6 and 7 are bent or flexed about a heel 14 of the shoe so that they tightly grip the heel, as illustrated in Figs. 1 and 3, and then springs 10 and 11 are hooked into holes 12 so as to hold each strap in resilient clamping relationship with the heel of the boot. Holes 12 provide for an adjustable mounting of springs 10 and 11 so that the springs can always be mounted adjacent the front edge 15 of the heel. Springs 10 and 11 are made narrower than the width of the heel so that when in assembled position, Fig. 3, they will be extended and under tension thereby holding straps 6 and 7 in resilient gripping relation with the side face of each heel.

Preferably in forming holes 12 the metal is upset about the holes to provide pointed projections or spurs 16 which tend to stick into the heels and assist straps 6 and 7 to securely grip the heel. The boots will be mounted heel to heel, as shown in Fig. 1, and the hanger suspended by hook 1 from any suitable support, such as a nail or rafter. The lower hook 2 can be used for supporting an ordinary coat or other piece of wearing apparel mounted thereon.

My hanger holds rubber footwear by the heels, insuring longer life by proper drying and eliminating folds and cracks, and at the same time it hangs the sportman's entire wardrobe, such as boots or waders, trousers, shirt, cap, socks and coat.

From the above it will be seen that I have produced a hanger which will be particularly useful for sportsmen who have the need of a hanger but of necessity must have a hanger which is of light weight and occupies a minimum of space so that it can be easily transported. Lightness of weight and compactness is particularly important where the hanger is taken by the sportsman on a pack trip.

When not in use one end each of springs 10 and 11 can be disconnected from its respective strap to release the boots, and the hanger collapsed to the position shown in Fig. 2.

I claim:

1. A hanger for boots comprising in combination a support rod, a cross bar pivoted to the support rod, two flexible resilient metal straps, the one strap being secured intermediate its ends to one end of the cross bar and the other strap being secured intermediate its ends to the other end of the cross bar, each of said straps

having free opposite ends and being normally in the form of straight flat strips bendable to substantially U form in a plane generally perpendicular to the plane of said support rod and cross bar for gripping the heel of a boot, and spring means operative between the free ends of each of said straps for holding the same in substantially U form and in yieldable gripping relation with the heel of the boot, said straps when disengaged from said spring reverting to their substantially straight strip form and overlying said cross bar.

2. The combination claimed in claim 1 wherein each of said straps is pivoted on said cross bar on an axis generally parallel to the pivotal axis of the cross bar and takes the form of a flat strip of spring metal, the said straps being pivotable to a position overlying said cross bar and juxtaposed in parallel relation with each other whereby said cross bar can be pivoted to a position where it overlies said support rod and wherein the support rod, cross bar and straps are in substantially parallel relation with each other.

3. The combination claimed in claim 2 wherein the straps are pivoted on said cross bar at a point intermediate the ends of the strap but closer to one end of the strap than the other.

4. The combination claimed in claim 3 wherein the spring means consists of two tension springs, one for each of said straps.

5. The combination claimed in claim 4 including a plurality of spaced spurs on each strap for biting into the heel of a boot when the strap is in gripping relation with the boot heel.

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