Aug. 31, 1926. 1,598,403

T. R. STOCKARD

UNIVERSAL HANGER

Filed May 6, 1926

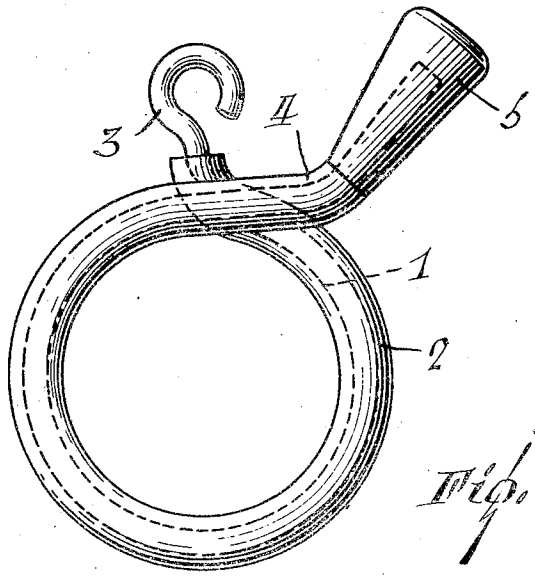

Fig. 1

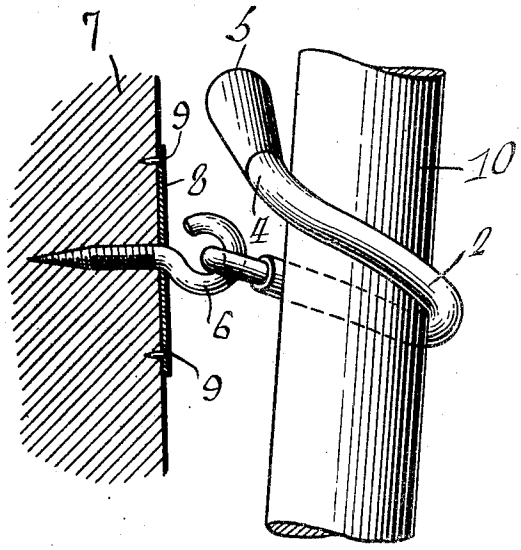

Fig. 2

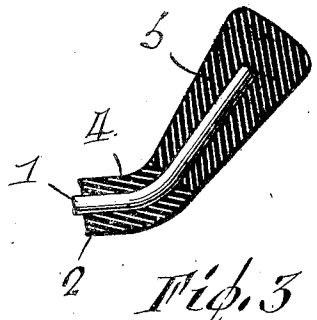

Fig. 3

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UNITED STATES PATENT OFFICE.

THOMAS R. STOCKARD, OF GRANBY, QUEBEC, CANADA.

UNIVERSAL HANGER.

Application filed May 6, 1926. Serial No. 107,291.

The present invention pertains to a novel hanger designed to support objects of any shape or nature. The principal object of the invention is the provision of a device adapted to accomplish the above mentioned function and constructed in an exceedingly simple and inexpensive manner.

The device comprises essentially a single coil of wire preferably surrounded by rubber tubing. One end of the wire is formed as a hook for suspension, and the other end is continued in an offset manner, extending away from the plane of the coil.

Elongated objects, or articles having at least an elongated member, are suspended from the hanger by the insertion of the elongated part upwardly into the coil. The weight of the object brings the coil into a plane at an angle to the horizontal, whereby the coil is caused to bind on the object. The friction between the coil and the object is further increased by the rubber tubing. The offset end is also covered with rubber in the form of a knob or cap.

Articles of clothing are suspended from the device by being placed over the offset end in the same manner as such articles which are thrown over an ordinary hook. Handled objects such as shovels and the like, shopping bags and school bags may be suspended by placing the handle over the knob so that it falls within the confines of the coil.

The essential principle of the device is that only one end hangs, the other end being perfectly free, thereby allowing the spiral to give and take when used.

The invention is fully disclosed in the following description and in the accompanying drawings, in which:—

Figure 1 is a front elevation of the device;

Figure 2 is a side elevation showing an object supported by the hanger; and

Figure 3 is a detail section of the front end.

Reference to these views will now be made by use of like characters which are employed to designate corresponding parts throughout.

As clearly shown in Figures 1 and 2, the device consists primarily of a wire 1 which is turned or bent to form a single complete coil. The coil is completely enclosed in a rubber tubing 2, leaving, however, one end 3 of the wire exposed. This end is formed in the nature of a hook lying in a plane substantially parallel to that of the coil. The remaining end of the wire is slightly offset as at 4 rather than being continued in the direction of the coil winding. This end is directed away from the coil itself and is fitted with a rubber knob or cap 5. It will be seen from Figure 3 that the tubing 2 covers the offset portion 4 as far as the lower end of the knob, but the tubing may also be continued to the extreme end of the wire and the knob applied over the end of the tubing.

The device is suspended from a screw hook 6 driven into a fixed support 7 as shown in Figure 2. Preferably, a washer 8 is secured to the face of the support 7 by means of tacks 9 for the purpose of relieving the weight on the support 7.

An elongated object 10 of any weight or diameter may be suspended from the hanger by being inserted in the coil from below. The weight of the suspended article swings the coil into an inclined plane as shown in Figure 2, whereupon the coil is tightened around the article. The tightness of the grip by the coil is determined by the weight of the suspended article, since a greater weight will tend to bring the plane of the coil to a greater angle with respect to the horizontal. The rubber tubing surrounding the wire 1 provides greater friction with the supported article, whereby the grip is still further increased.

The offset end 8 enables the hanger for use as an ordinary hook. Articles of clothing may be hung on this end in an obvious manner, and handled articles such as shopping bags, school bags and the like may be suspended by having the handle thereof thrown over the end 4 and passed inside the coil.

The hanger is adapted to support an article of any nature found in a home, factory or barn. A tool with a long handle may be suspended in the manner illustrated in Figure 2, and even a chair or stool may be supported by having one of the legs inserted in the coil in similar fashion.

While a specific embodiment of the invention has been illustrated and described, it is to be understood that various alterations in the details of construction may be made without departing from the spirit of the invention as indicated by the appended claims.

Having thus fully described the invention, what I claim as new and desire to protect by Letters Patent is:

1. A universal hanger comprising a single coil of wire, means at one end thereof for suspending the same, and an offset continuation at the other end of the coil and directed away from the plane of the coil.

2. A universal hanger comprising a single coil of wire, means at one end thereof for suspending the same, an offset continuation at the other end of the coil and directed away from the plane of the coil, and a rubber tubing enclosing said coil.

3. A universal hanger comprising a single coil of wire, means at one end thereof for suspending the same, an offset continuation at the other end of the coil and directed away from the plane of the coil, a rubber tubing enclosing said coil, and a rubber knob applied to said offset portion.

In witness whereof I have hereunto set my hand.

THOMAS R. STOCKARD.