R. G. TYLER.

CLOTHES HANGER.

APPLICATION FILED FEB. 8, 1921.

1,377,944.

Patented May 10, 1921.

Fig. 1.

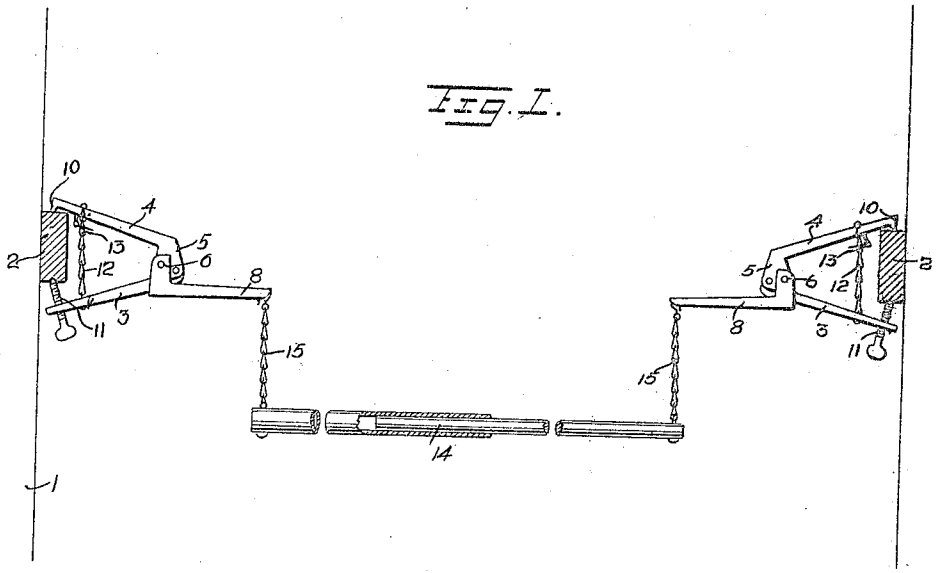


Fig. 2.

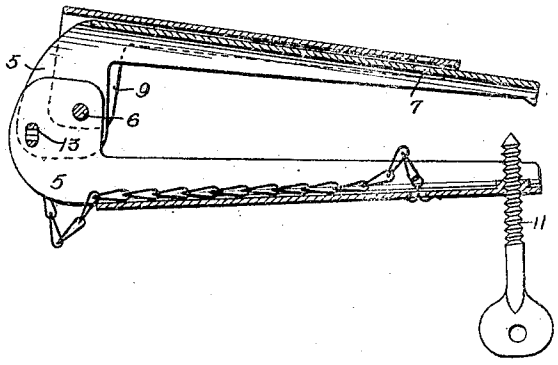
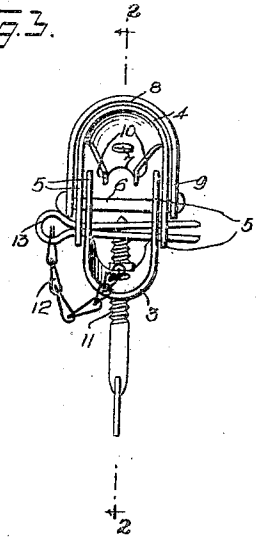


Fig. 3.



WITNESSES

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CLOTHES-HANGER.

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To all whom it may concern:

Be it known that I, ROY G. TYLER, a citizen of the United States, and a resident of West Everett, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Clothes-Hanger, of which the following is a full, clear, and exact description.

This invention relates to improvements in clothes hangers, an object of the invention being to provide a clothes hanger which may be readily installed in a closet or cupboard and which will be adjustable as to length.

A further object is to provide improved means for attaching the clothes hanger to a support, which means may be folded or collapsed, so that they will take up very little space when the clothes hanger is not in use.

A further object is to provide a device of the character described which will be simple and practicable in construction, strong and durable in use and comparatively inexpensive to manufacture.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawing:

Figure 1 is a view in elevation illustrating the manner of attaching my improved clothes hanger to a support;

Fig. 2 is a view in longitudinal section through one of the attaching members when such member is in folded position, and is taken on the line 2—2 of Fig. 3; and

Fig. 3 is an end view illustrating one of the attaching members in folded position.

Referring in detail to the drawing, 1—1 represent the walls of a closet, to which are secured in any approved manner wooden strips such as 2—2. My improved clothes hanger may be readily attached to the strips in a manner about to be described. A similiar attaching member is utilized to removably secure the hanger to each strip, so that the following description of one attaching mechanism will suffice for both.

A pair of jaws 3 and 4, are of substantial cylindrical cross section, and each jaw includes at one end a pair of perforated ears or lugs 5, located at right angles to the longitudinal planes of the jaws.

The lugs 5 of the jaws 4 straddle the lugs 5 of the jaws 3 and are pivotally connected thereto by a transverse pin 6. A member 8 of substantially the same shape as the jaws 3 and 4, is provided at one end with lugs 9 straddling the lugs 5 and pivotally mounted on the ends of the pin 6. The pivotal movement of the member 8 in one direction is limited by the jaw 3, as seen clearly in Fig. 1 and when swung in the opposite direction, the member 8 overlies and fits the jaw 4 as seen in Fig. 2.

The free end of the jaw 4 is provided with integral spurs or teeth 10, engageable in the upper face of the strips 2, and a pointed thumb screw 11, mounted in the free end of the jaw 3, engages the under face of the strip 2. In order to obviate the danger of accidental spreading of the jaws when they are in clamped relation to the strip, a chain 12 is attached at one end to the jaw 3, and has a cotter pin or similar device 13, attached to its free end. In clamping the jaws to the strip, the spurs 10 are first inserted in the upper face of the strip, the cotter pin 13 is then passed through an opening 7 in the jaw 4, carried back toward the jaw 3 and inserted through one of the links of the chain 12. By tightening the screw 11, it will be readily seen that a clamping action is had on the strip, the chain 12 tending to dig the spur 10 into the wood.

The telescoping bar such as 4, is supported by the free ends 8 of the clamping mechanism in any approved manner. I have illustrated chains 15 as one practical means of suspending the longitudinally adjustable cross bar. It will of course be understood that the ends of the chains are only removably attached to the members and that the bar 14 is utilized to support a number of conventional garment hangers.

Very evidently the coacting jaws might be utilized to suspend the hanger from a shelf or any other convenient support rather than from the strips which I have illustrated.

When the bar is detached from the clamping mechanism, the jaws 3 and 4 of the member 8 may be swung to folded position as indicated in Fig. 3 and locked by the cotter pin which is passed through registering perforations 16 in the lugs 5.

Various slight changes and alterations might be made in the general form and arrangement of the parts described without departing from my invention and hence I

do not wish to limit myself to the precise details set forth, but shall consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:

1. The combination with a suitable support, of an attaching means for a garment hanger, said means comprising a pair of jaws pivoted together at one end, a spur carried by the free end of one jaw and engageable with one side of the support, a screw movable through the free end of the other jaw and engageable with the other side of the support, an adjustable flexible device connecting the jaws and limiting the separation of the jaws caused by turning the screw when said screw is located against the support.

2. The combination with a suitable support, of an attaching means for a garment hanger, said means comprising a pair of jaws pivoted at one end, a spur on the free end of one jaw engageable in one face of the support, a thumb screw movable through the free end of the other jaw and engageable with the opposite face of the support, and means whereby turning of the screw digs the spur into the support, said means comprising an adjustable flexible device connecting the jaws and limiting their relative separation.

3. The combination with a suitable support, of an attaching means for a clothes hanger, said attaching means comprising a plurality of attaching members, each attaching member including a pair of jaws substantially semi-cylindrical in cross section, hinged together at one end, spurs carried by the free end of one jaw, a thumb screw mounted in the free end of one jaw, the free ends of said jaws adapted to engage the opposite faces of the support, adjustable means limiting the separation of the jaws and facilitating the clamping action thereof.

4. The combination with a suitable support, of an attaching means for a clothes hanger, said attaching means comprising a plurality of attaching members, each attaching member including a pair of jaws substantially semi-cylindrical in cross section, hinged together at one end, spurs carried by the free end of one jaw, a thumb screw mounted in the free end of one jaw, the free ends of said jaws adapted to engage the opposite faces of the support, adjustable means limiting the relative separation of the jaws and facilitating the clamping action thereof, a clothes hanger supporting member pivoted to the hinged ends of the jaws and limited in its pivoted movement by the screw carrying jaw.

5. The combination with a suitable support, of an attaching means for a clothes hanger, said attaching means comprising a plurality of attaching members, each attaching member including a pair of jaws substantially semi-cylindrical in cross section, hinged together at one end, spurs carried by the free end of one jaw, a thumb screw mounted in the free end of one jaw, the free ends of said jaws adapted to engage the opposite faces of the support, adjustable means limiting the relative separation of the jaws and facilitating the clamping action thereof, a clothes hanger supporting member pivoted to the hinged ends of the jaws and limited in its pivoted movement by the screw carrying jaw, and means for locking said jaws and said last mentioned member in folded position.

ROY G. TYLER.