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HANGER FOR SLENDER ARTICLES

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Fig. 1.

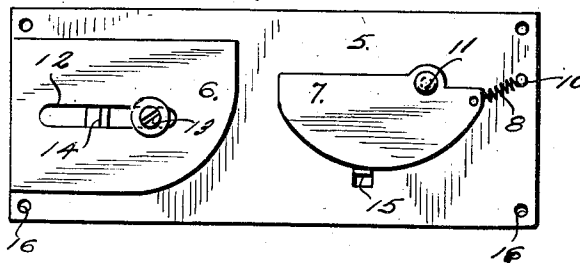
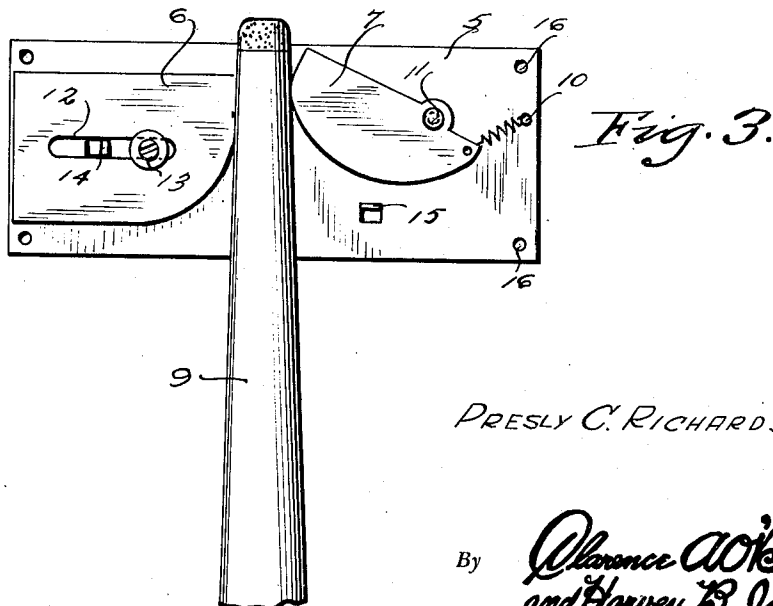
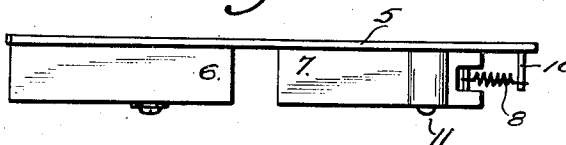


Fig. 2.



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HANGER FOR SLENDER ARTICLES

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2 Claims. (Cl. 24-249)

This invention relates to hangers for slender articles, such as billiard cues, pipe sections, et cetera.

The primary object of the present invention is to provide a hanger by means of which slender articles may be suspended from a wall or other support, the construction being such that the articles may be readily engaged in the holder or disengaged therefrom.

A more specific object of the present invention is to provide a holder of the above kind including cooperating fixed and movable gripping jaws, the fixed jaw being adjustable toward or away from the movable jaw so as to adapt the holder for use in suspending slender articles of different widths or diameters.

A further object of the present invention is to provide a holder of the above kind which is efficient in action, simple and durable in construction and easy to use.

Further objects and features of the invention will become apparent from the following description when considered in connection with the accompanying drawing, and the invention consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing, wherein like reference characters indicate corresponding parts throughout the several views:

Figure 1 is a front elevational view of one form of article-holder constructed in accordance with the present invention.

Figure 2 is a top plan view thereof.

Figure 3 is a view similar to Figure 1 showing the holder used to suspend a billiard cue.

Referring in detail to the drawing, the present holder consists of a vertical supporting plate 5 adapted to be suitably fixed to a wall or other support and having a pair of spaced cooperating gripping jaws 6 and 7 on the front thereof, the jaw 6 being fixed in use and the jaw 7 being in the nature of a pivoted eccentric or cam normally yieldingly swung toward the jaw 6 by spring means 8 so that a slender article 9 will be gripped between said jaws after upward insertion between the latter. When the article is suspended, it has a tendency to swing the jaw 7 downwardly into tighter gripping engagement so that the degree of gripping engagement is mainly dependent upon the weight of the suspended article. As shown, the element 8 preferably consists of a helical tension spring attached at one end to a pin 10 projecting forwardly from the supporting plate 5 and at its other end to the end of jaw 8

most remote from the fixed jaw 6. The arrangement is such that the article 9 may be forced upwardly between the jaws and in so doing will cause pivotal movement of the jaw 7 in the direction in which it is moved for release from the supported article. On the other hand, the arrangement is also such that when the article is suspended, the frictional engagement between said article and the jaw 7 causes the latter to swing in a direction to tightly bind against the article and bind it against the jaw 6 so that said article is effectively gripped and suspended. The jaw 7 is pivoted upon a horizontal axis, as at 11, nearer one end than the other, and the jaw 6 is preferably adjustable horizontally toward or away from the jaw 7 so that the holder may be adapted for use in connection with articles of different widths or cross sectional diameters. For the latter purpose, the jaw 6 is provided with a horizontal elongated slot 12, and a bolt 13 is passed through this slot and into the supporting plate 5 so that said bolt may be tightened to secure the jaw 6 tightly to the plate 5 and maintain it in any desired horizontally adjusted position relative to the movable jaw 7. Suitable stops 14 and 15 may be struck from the plate 5 to limit the movement of jaw 6 when adjusted and the downward movement of pivoted jaw 7.

In the embodiment shown in Figures 1 to 3, inclusive, the plate 5 is apertured, as at 16, to facilitate nailing or otherwise securing the same to a wall or other vertical support, and the gripping edges of the jaws are left smooth so that they will not bite into or mar the slender article supported thereby. This is highly desirable in supporting such articles as billiard cues, and such a cue suspended by a holder of this kind from its smaller end will remain in a true or straight condition and will not readily warp as is the case when such cues are supported or rested upon a horizontal supporting member at their lower larger ends.

From the foregoing description, it is believed that the construction and operation, as well as the advantages of the present invention, will be readily understood and appreciated by those skilled in the art.

What I claim as new is:

1. A holder of the character described comprising a flat vertical supporting plate having apertures therein for reception of driven fasteners to facilitate rigid fastening of the plate to a support, a stationary jaw in the form of a vertical cam plate disposed against the front face of the supporting plate at one end of the latter,

a movable jaw in the form of a vertical cam plate pivoted at its outer upper portion to and against the front face of said supporting plate at the other end of the latter and for vertical swinging movement, a stop lug projecting forwardly from the supporting plate for limiting downward swinging movement of said movable jaw, a spring acting to yieldingly swing the movable jaw into engagement with said stop lug, said stationary jaw having a horizontal elongated slot therein, a clamping screw passing through said slot for securing the stationary jaw in various positions

of adjustment toward or away from the movable jaw, and a guide lug projecting forwardly from the supporting plate and projecting into said slot of the stationary jaw to guide the latter in the adjusting movements thereof.

5 2. The construction defined in claim 1, wherein the stop lug is struck forwardly from the supporting plate, and wherein said spring is of the tension type connecting the outer end of the movable jaw to the supporting plate.

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