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HANGER BRACKET

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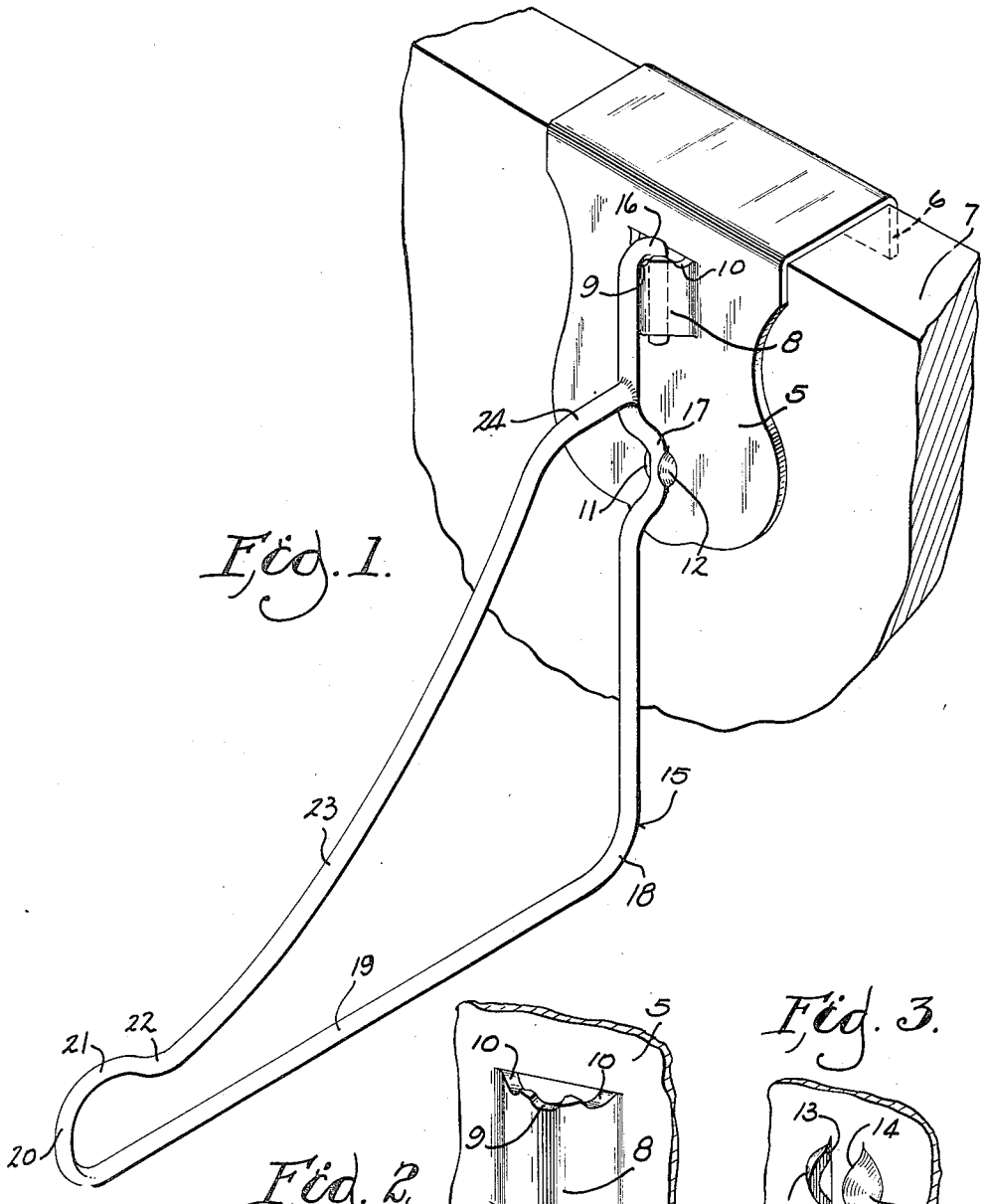


Fig. 1.

Fig. 2.

Fig. 3.

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HANGER BRACKET

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3 Claims. (Cl. 248—290)

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This invention relates to improvements in hanger brackets.

It is a primary object of the invention to provide a novel and improved bracket adapted to be suspended from the top of a door or the like and to receive garments or coat hangers upon which garments are hung, the bracket including part which may be fixed in adjustment to project at right angles from the door or may be swung to, and fixed in, an adjustment in which the bracket lies against the face of the door.

Further objects are to provide a device of this kind which can be manufactured at reduced expense as compared with other types of hangers and to provide novel and improved thrust means for resisting relative movement between the bracket and its mounting plate.

Still other objects will be apparent to those skilled in the art upon examination of the following disclosure of the invention.

In the drawings:

Fig. 1 is a view in perspective, fragmentarily illustrating a door and showing my improved hanger operatively suspended thereon.

Figs. 2 and 3 are detail views in perspective respectively illustrating portions of the mounting plate with the bracket removed.

Like parts are designated by the same reference characters throughout the several views.

The plate 5 is formed to provide a hook at 6 engageable over the top of any suitable support such as the door 7. In its upper central area a portion of the plate 5 is pressed outwardly at 8 in the form of a strap which provides an eye with an upright opening between it and the plane of the plate. The upper margin of the strap which forms the eye has a central notch at 9 and laterally disposed notches at 10. Immediately below the eye, spaced portions of the plate are embossed outwardly at 11 and 12 and have mutually spaced sheared edge portions 13, 14, defining a channel within which pivots the bracket hereinafter to be described.

The bracket, generally designated by reference character 15, preferably comprises a single piece of wire, one end of which is formed to provide a hook at 16 detachably and rotatably engaged in the eye 8. Beneath the hook, an intermediate portion of the wire is offset at 17 for thrust engagement with the plate 5 between the thrust bosses 11, 12.

Below the thrust portion 17 the wire is carried downwardly to a bend at 18, from which it extends in a generally horizontal direction at 19 to an outer upward curve at 20. From the top 21

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of curve 20 the wire is preferably carried slightly downwardly at 22, thereby providing slightly hooked extremities over which a garment or garments may be directly engaged if desired. Thence, the wire extends obliquely upwardly at 23 and its upper end portion 24 is welded to the wire portions already described, preferably immediately above the thrust portion 17, and between the thrust portion 17 and the hook 16.

When in position for use, the bracket 15 will normally stand substantially at right angles to the door 7, being held in that position by engagement of the upper bend of its hook 16 in the notch 9 of eye 8. In this position the bracket is adapted either to receive garments directly or to support hangers on which garments are mounted.

When it is desired to swing the door 7 against a wall or the like, which might be damaged by the projecting bracket 15, the bracket may be lifted slightly in the eye 8 to free it from engagement with the notch 9 and it will thereupon swing either to the right or to the left and may then have its hook portion re-engaged with the upper margin of the eye in one or the other of the notches 10.

Relative lateral displacement of the bracket from its desired position below the eye 8 is prevented by the bosses 11 and 12, the sharp edge portions 13 and 14 of which confine the thrust portion 17 of the bracket 15 in all bracket positions. The thrust engagement between the bracket thrust portion 17 and the plate 5 and the bosses 11 and 12 is achieved without in any way minimizing the freedom with which the bracket may be oscillated in or removed from the eye 8.

I claim:

1. In a device of the character described, a mounting plate having a hook portion engageable over a door and provided in a central upper area with an integral portion formed outwardly of said plate to constitute an eye, said plate having below said eye integral convex boss portions in mutually spaced relationship thrust outwardly from the plane of said plate and having sheared edge surfaces in mutually spaced relation to constitute means for laterally confining a bracket member having a hook engaged in said eye.

2. In a device of the character described, the combination of a mounting plate and bracket, said mounting plate having a hooked portion engageable over a door and provided in a central upper arrangement with a strap portion integrally connected with said plate at its ends and formed outwardly intermediate its ends to

constitute an eye projecting from said plate, said plate having below said eye integral convex boss portions in mutually spaced relationship having sheared edged surfaces constituting means for laterally confining a complementary portion of said bracket, said bracket comprising a hook shaped loop and an upright extension from said loop provided at its end with a hook engaged in the eye of the mounting plate, said bracket loop being provided below said hook with an offset contacting the mounting plate between the sheared edged surfaces of said convex boss portions.

3. The combination set forth in claim 2 in which the strap forming the said mounting plate eye has its upper margin notched for engagement with said hook when the bracket member projects substantially at right angles from said plate.

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