March 4, 1941. E. L. CLOUSE 2,233,733

MOUNTING FOR HANG RODS

Filed Jan. 8, 1940

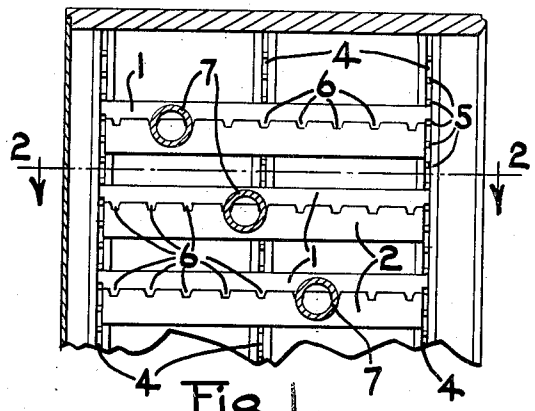


Fig. 1.

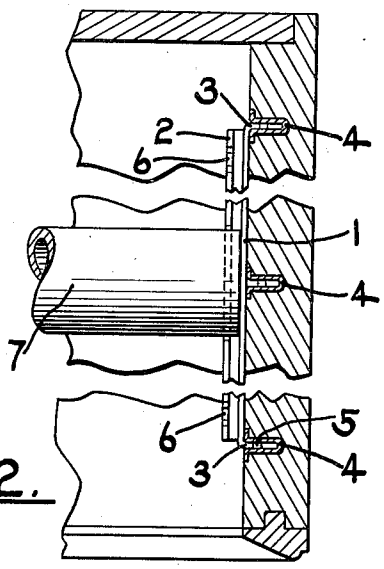


Fig. 2.

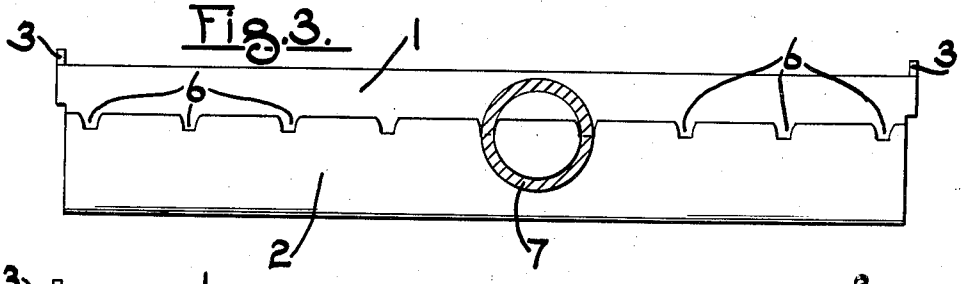


Fig. 3.

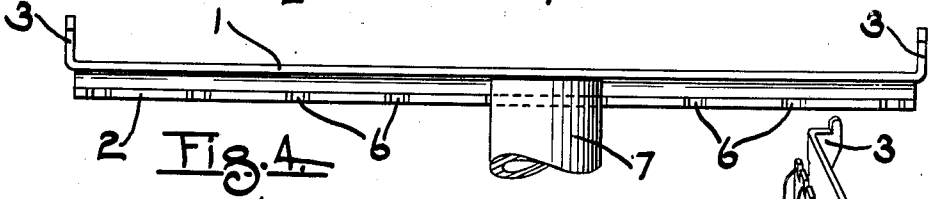


Fig. 4.

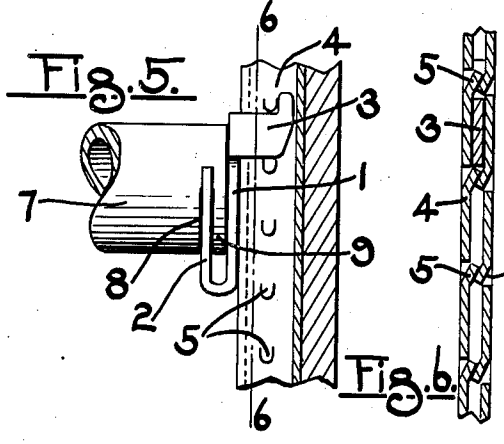


Fig. 5.

Fig. 6.

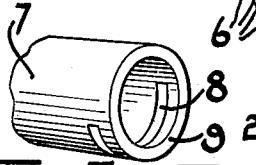


Fig. 7.

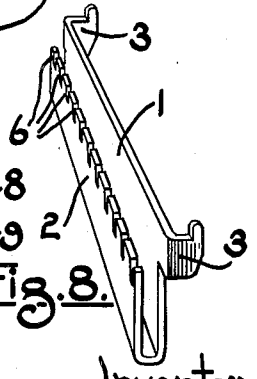


Fig. 8.

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MOUNTING FOR HANG RODS

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Application January 8, 1940, Serial No. 312,872

6 Claims. (Cl. 248—251)

This invention relates to mountings for hang rods such as are used to suspend clothing in show cases or in clothes closets or like places.

Its object is to provide a mounting device upon which the respective ends of the hang rod may be detachably and adjustably supported and which will be simple and economical in construction and practical and substantial in use.

The invention is hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawing, in which

Fig. 1 is a fragmentary section of a show case showing three of the rod supports in place, with rods supported thereon.

Fig. 2 is a fragmentary enlarged sectional plan on the line 2—2 of Fig. 1.

Fig. 3 is an enlarged elevation of one of the rod supports showing a rod in section in place thereon.

Fig. 4 is a plan view of the parts shown in Fig. 3.

Fig. 5 is a fragmentary view of the rod support having an attaching hook in engagement with the type of shelf support shown in the copending patent application of K. C. Welch et al., Ser. No. 291,221.

Fig. 6 is a section on the line 6—6 of Fig. 5.

Fig. 7 is a perspective view of an end portion of one of the hang rods, and

Fig. 3 is a perspective view of the rod support.

Like numbers refer to like parts in all of the figures.

The rod support is preferably made of sheet metal having an elongated back portion 1 and a front portion 2 bent upwardly from the lower edge of the back 1 and spaced from it. The back portion 1 is provided with suitable means for attaching it to an object and when used in show cases it is convenient to provide the back 1 at its respective ends with rearwardly projecting hooks 3 made to fit into the above mentioned shelf supports with which the rods of the show case are provided. This type of shelf support is in the nature of a narrow channel 4 provided with inwardly projecting lugs 5 which engage the hooks 3. It will be understood, however, that this specific means for supporting the hang rod mounting forms no part of the present invention and any other suitable supporting means may be substituted therefor.

The upper edge of the front member 2 is provided with a plurality of spaced apart depressions or notches 6 and the hang rod 7, which is preferably tubular, is provided near each of its ends with a slot 8 cut substantially half-way through the rod, the length of that portion of the rod 9 between its end and the slot being slightly less than the space between the front 2 and the back 1 of the mounting device. In use, the end of the rod is mounted upon the front member 2 which enters the slot 8 with the end portion 9 located between the front 2 and the back 1 and the base of the slot 8 at opposite sides of the tube resting in two of the notches 6, these notches being spaced in pairs a distance apart substantially equal to the diameter of the tube.

By this means the rods may be very quickly mounted in place the desired distance from front to rear of the show case and when mounted are securely held from endwise movement and also prevented lateral movement by means of the notches 6 but by lifting slightly the rod may be moved lengthwise of the support and relocated in other notches 6 even when loaded without disturbing the articles suspended from it.

The invention is defined in the appended claims and is to be considered comprehensive of all forms of structure coming within their scope.

I claim:

1. A device of the class described comprising a front member having a plurality of notches in its upper edge, a back member spaced from the front member, means for supporting the back member and a tubular rod having a slot spaced from its end a distance less than the space between said front member and back member, said notches being arranged in pairs spaced apart a distance equal to the distance between the walls of the tube at the base of the slot.

2. A device of the class described comprising a back member and a front member formed from an integral piece of sheet metal spaced apart and joined at their lower edges, said front member having a plurality of notches in its upper edge, means for supporting the back member and a tubular rod having a slot spaced from its end a distance less than the space between said front member and back member, said notches being arranged in pairs spaced apart a distance equal to the distance between the walls of the tube at the base of the slot.

3. A device of the class described comprising an elongated front member having alternate elevations and depressions therein, a back member spaced from said front member, means for supporting the back member, and a tubular rod having a slot spaced from its end to receive said depressions, said elevations acting to prevent

lateral movement of said rod, said depressions being substantially the same width as the wall thickness of said rod.

4. A device of the class described comprising, a front member having a plurality of notches in its upper edge, a back member spaced from the front member, means for supporting the back member and a tubular rod having a slot extending substantially half way therethrough spaced from its end a distance less than the space between said front member and back member, said notches being arranged in pairs spaced apart substantially the diameter of said rod.

5. A device of the class described comprising, a back member and a front member formed from an integral piece of sheet metal spaced apart and joined at their lower edges, said front member having a plurality of notches in its upper edge, means for supporting the back member and a tubular rod having a slot extending substantially half way therethrough spaced from its end a distance less than the space between said front member and back member, said notches being arranged in pairs and spaced apart substantially the diameter of said rod.

6. In a device of the class described, an elongated member having alternate elevations and depressions therein, and a tubular rod having a slot spaced from its end, the length of an elevation being slightly less than the inside diameter of said rod and received within said rod between the ends of said slot.

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