Jan. 4, 1927. 1,613,447

J. ELLBERG

SUSPENSION DEVICE FOR CLOTHING, CURTAINS, AND THE LIKE

Filed Feb. 27, 1926

Fig. 1.

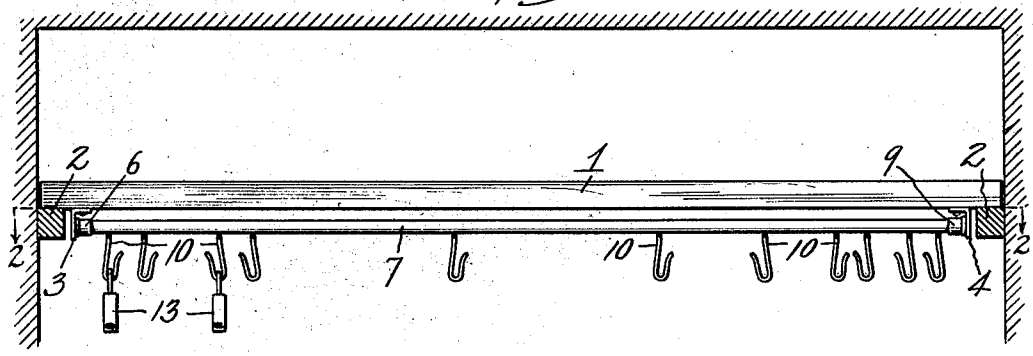


Fig. 2.

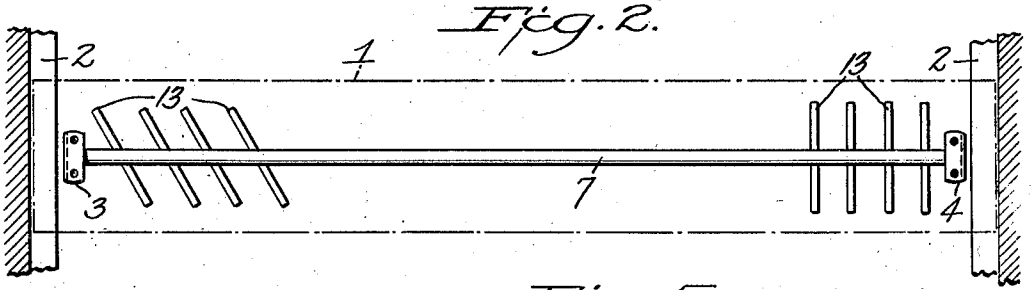


Fig. 3.

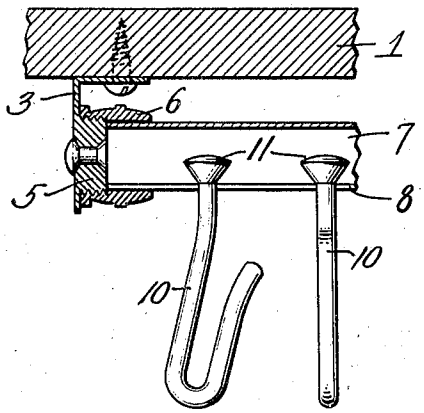
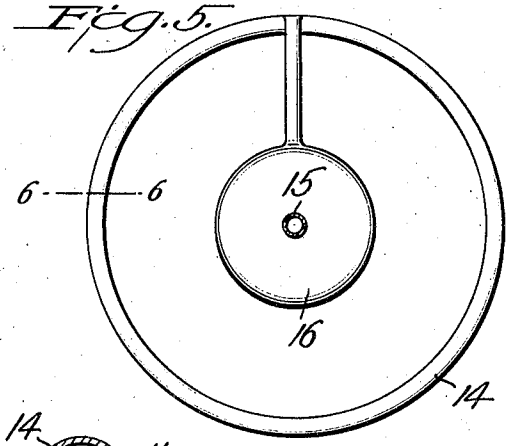


Fig. 5.



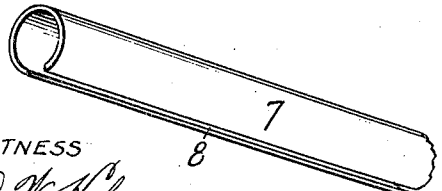


Fig. 4.

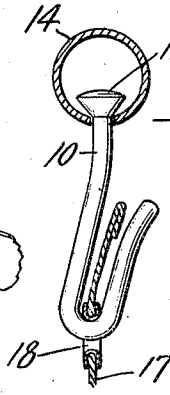


Fig. 6.

WITNESS

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SUSPENSION DEVICE FOR CLOTHING, CURTAINS, AND THE LIKE.

Application filed February 27, 1926. Serial No. 91,172.

This invention relates more especially to devices of this character in which it is desirable to have a plurality of suspension hooks suitably mounted to be relatively adjustable toward and away from each other as well as angularly with respect to each other.

The primary object of my invention is to provide a suspension hook of improved construction and improved means for mounting said hook so that it may be freely pivoted upon its support while being freely movable along said support. For this purpose, my invention contemplates a tubular support provided with a longitudinal slot preferably opening thru one end of the support to permit the enlarged upper ends of my improved suspension hooks to be inserted into and removed from interlocking engagement with the support upon which it is pivotally and slidably mounted.

Specific objects of invention will appear in the specification and will be pointed out in the appended claims, reference being had to the accompanying drawings which show preferred embodiments of my invention.

In the drawings:—

Figure 1 is a side elevation of one embodiment of my invention showing its adaptation to a series of clothes hangers such as are commonly employed by tailors and manufacturers for storing garments etc.;

Figure 2 is a horizontal section on the line 2—2 of Figure 1;

Figure 3 is an enlarged fragmentary vertical section of the detachable connection at one end of the hook support;

Figure 4 is a fragmentary perspective view of the tubular support removed;

Figure 5 is a top plan view of another embodiment of my invention showing its adaptation as an adjustable supporting means for the curtain extending around a shower bath;

Figure 6 is a section on the line 6—6 of Figure 5;

Referring more particularly to the drawings, in the embodiment of my invention shown in Figures 1, 2, 3, and 4, a shelf 1 mounted upon supporting strips 2 has secured to the under face thereof downwardly-presented brackets 3 and 4. As shown in Figure 3, bracket 3 is provided with a laterally-presented boss 5 which is threaded exteriorly so as to adapt it to be detachably engaged by a sleeve 6 which is interiorly threaded at one end for this purpose. The other end of sleeve 6 is provided with a smooth bore so as to adapt it to receive the adjacent end of a tubular rod or support 7 and to hold it in end-wise abutment with the threaded boss 5. As shown in Figures 3 and 4, the tubular rod or support 7 is provided with a longitudinal slot 8 which when the support is removed, is uncovered at one end to permit the insertion and removal of the hooks, to be presently described. When in position, however, the open end of this slot is closed by the boss 5. The other end of slot 8 terminates adjacent the other end of rod 7 which is mounted in a laterally-presented socket 9 carried by the bracket 4. Referring now to Figure 3, it will be seen that each of the suspension hooks 10 is provided with an inverted frusto conical head 11 which provides a surface of revolution adapting the hooks 10 to pivot freely while at the same time permitting them to slide length-wise of the slot. By an inspection of Figure 3, it will be seen that the upper shank-end of the hook is deflected away from the free end of the hook, the remainder of the hook having its mass substantially balanced with respect to the axis of the upper shank end thereof. As shown in Figures 3 and 6, the head 11 of each hook is provided with a 60° conical surface which permits an angular swing of about 120° when displaced in the vertical plane of longitudinal slot 8 in the tubular support. Thus if the left-hand hook shown in Figure 3 be swung toward the left, the free end of the hook approaches a horizontal position in which it becomes relatively easy to pass a heavily-loaded coat-hanger or the like over the point of the hook. It will be understood from this description that the hooks 10 are thus adapted to be arranged in any desired positions relatively to each other. For example, a group of coat hangers 13 may be arranged at an incline to support 7 as shown at the right of Figure 2 or at right angles thereto as shown at the right of Figure 2.

Referring now to Figures 5 and 6, an adaptation of my invention to a shower bath, may be had by imparting a circular form to the tubular support 14 which may be mounted directly upon the water pipe 15, said water pipe terminating at its upper end in a spray nozzle 16. As shown in Fig-

ure 6, a curtain 17 may be provided with suitably spaced eyelets 18 and suspended from the hooks 10 which are readily adjustable pivotally and lengthwise of the slot by the movement of the curtain suspended therefrom.

I claim:—

1. In a device of the character described, the combination with a suspension hook provided with an upwardly presented shank-end bent outwardly from the free end of said hook and having an inverted frusto-conical enlargement at the top, of a tubular support provided with a longitudinal slot, end brackets for said tubular support, one of said end brackets being provided with a laterally-presented boss in endwise abutment with said tubular support, and a sleeve threaded at one end to said laterally-presented boss and provided at its other end with an inner bore slidable over the outer wall of said tubular support.

2. In a device of the character described, the combination with a suspension hook provided with an upwardly-presented shank end deflected away from the free end of said hook, said shank end being provided with an inverted frusto-conical enlargement at the top, of a tubular support provided with a longitudinal slot substantially fitting said shank end, end brackets for said tubular support, one of said end brackets being provided with a laterally-presented boss in endwise abutment with the adjacent end of said tubular support, and a sleeve threaded at one end to said laterally-presented boss and provided at its other end with an inner bore slidable over the outer wall of said tubular support.

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