

[54] **SHELVES AND HOOKS FOR SUPPORTING ARTICLES**
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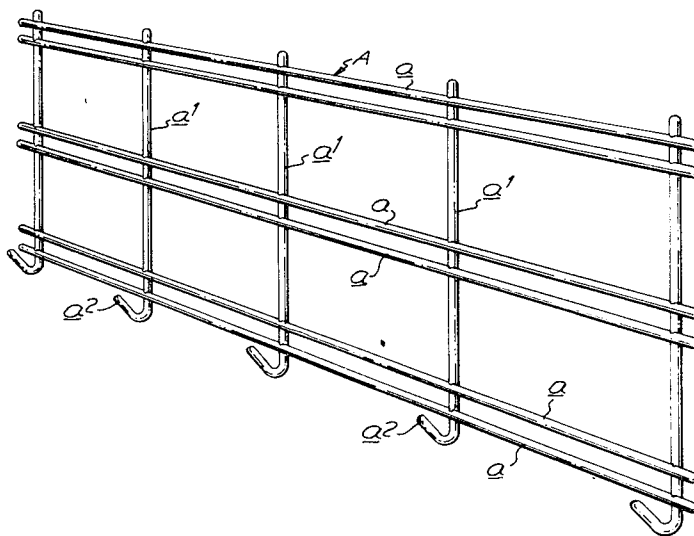
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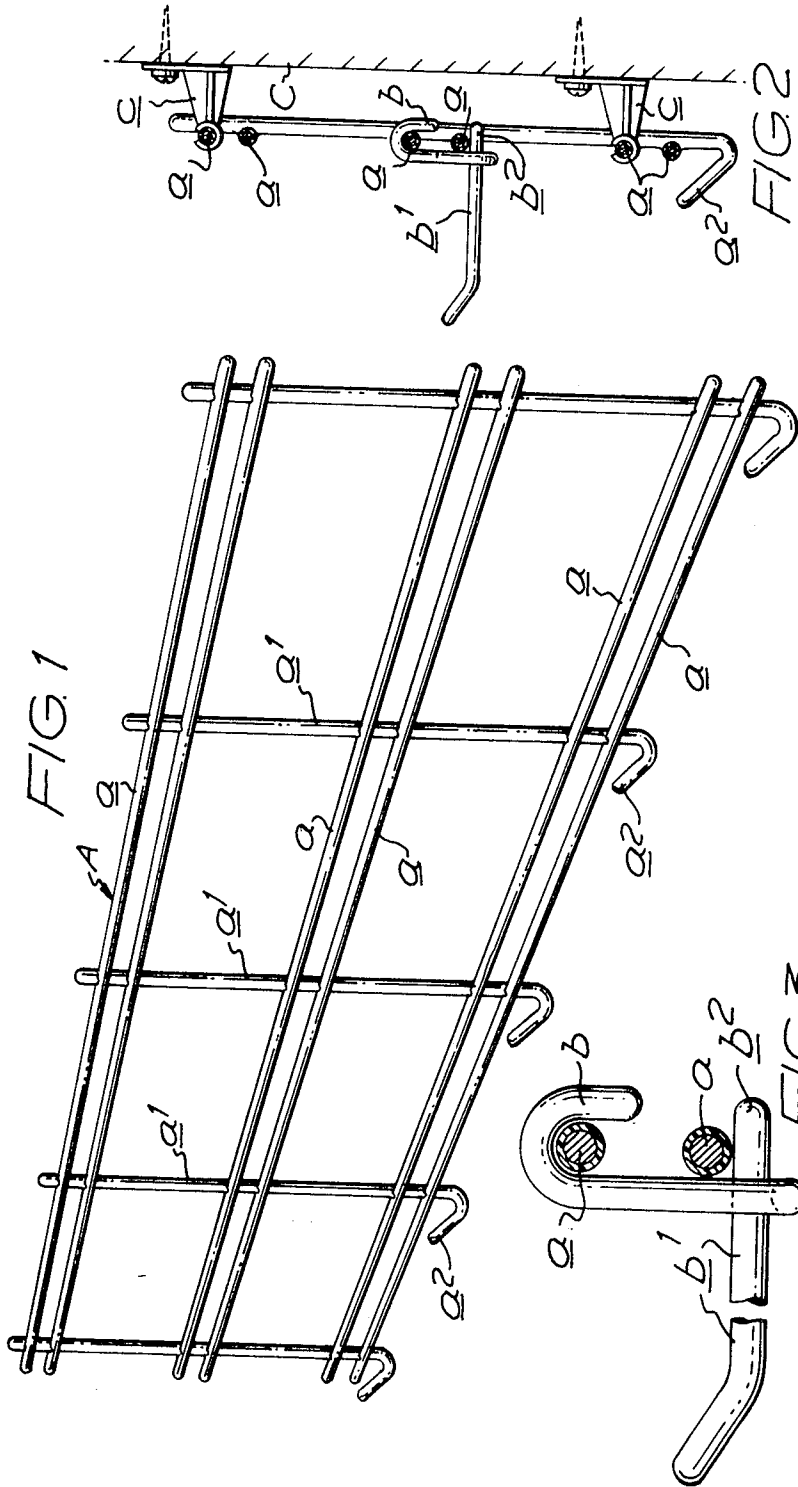
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[57] **ABSTRACT**
 A substantially vertical rectangular frame formed of a plurality of pairs of parallel horizontal plastic coated rails or wires welded to a plurality of vertical plastic coated wires to support a plurality of suspension members projecting forwardly of the frame each suspension member comprising a substantially U-shaped member with hooked ends to engage over the upper rail of a pair and with a member welded to the base of the U-shaped member to engage under the second rail of a pair to extend at right angles to the frame to support articles suspended thereon or to support a wire shelf welded to the suspension members.

[56] **References Cited**
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7 Claims, 7 Drawing Figures





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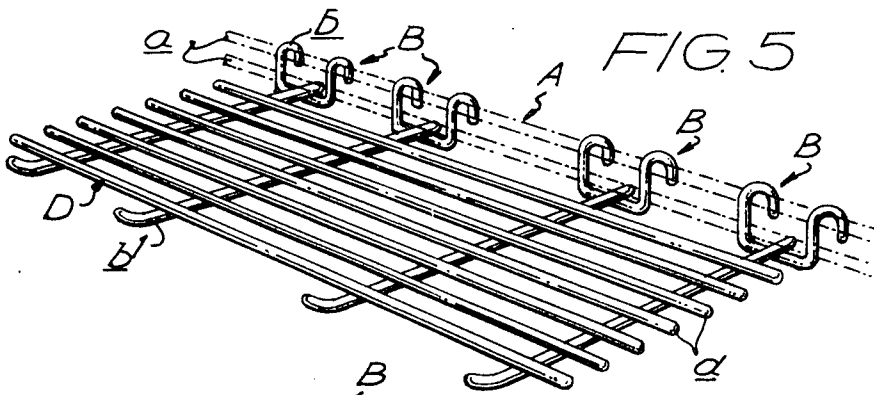


FIG. 5

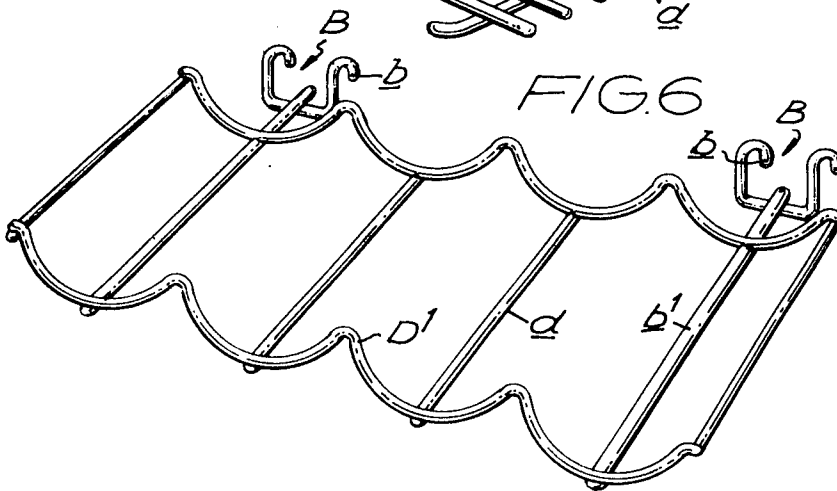


FIG. 6

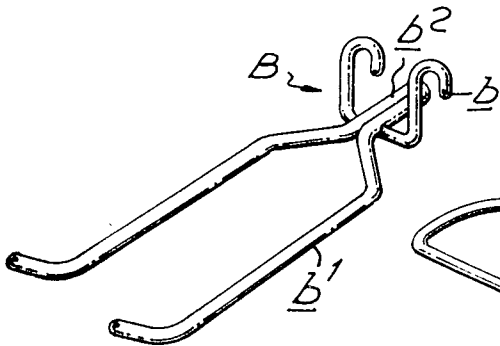


FIG. 4

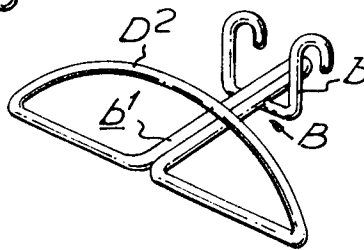


FIG. 7

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SHELVES AND HOOKS FOR SUPPORTING ARTICLES

This invention relates to improvements in hook brackets and a frame for supporting articles such as garden tools, kitchen ware and the like.

According to the invention a suspension member extends forwardly of and affixed to two parallel horizontal rails of a vertical rectangular frame for attachment to a wall or supports, each suspension member engaging over one rail of the frame and under the other rail of the frame to maintain the member in a horizontal position from the hook bracket.

The invention will be described with reference to the accompanying drawings:

FIG. 1 is a perspective view of vertical frame for receiving suspension brackets.

FIG. 2 is a side elevation of same partly in section showing a suspension bracket in position thereon.

FIG. 3 is an enlarged side elevation partly in section of a suspension bracket position on two rails of the frame.

FIG. 4 is a perspective view of a suspension bracket for garden tools.

FIG. 5 is a similar view of a suspension bracket in the form of a shelf.

FIG. 6 is a similar view of a suspension bracket for bottle.

FIG. 7 is a similar view of a suspension bracket for coats.

A wire frame A is formed from a plurality of longitudinal wire rails a preferably coated with a plastics material such as p.v.c. The longitudinal wire rails a are arranged in pairs adjacently spaced a predetermined distance apart and supported by vertical wires a¹ welded to the longitudinal wires.

The frame A is adapted to be mounted with the transverse vertical wires a¹ adjacent to a wall C or other vertical supports and is spaced from the wall C or supports by L-shaped members c formed with a hole therein to receive a retaining wall bolt nail or screw.

A wire hook bracket B (FIG. 4) is formed of substantially U-shaped clips b bent over at their upper ends to hook over the upper wire rail a of one pair of wires and with the base below the lower wire rail a of the pair. The lower ends a² of the vertical wires a¹ may be bent upwards to form hooks.

A support wire having an arm or arms b¹ extends from the center of the base of the clip b of the hook bracket B forwardly to act as a hook and an arm b² extends rearwardly below the lower wire rail a of the hook bracket B pair to retain the horizontal, the support wire of the hook bracket B being welded to the base of the clip b. The clip b extends vertically across the front sides of wire pair a as shown in FIG. 3 and arm b² extends rearwardly under the lower rail a of the pair, whereby clockwise tilting of the bracket or suspension member B is opposed. The ends of the arms b¹ may be bent upwardly to support the handles of garden tools, or pans or other articles of kitchen ware.

The wires are coated with a plastics material such as p.v.c.

The hook bracket B may be employed to support a shelf D,

for kitchen ware or other articles formed of longitudinal coated wires d welded to the arms b¹ of a plurality of hook brackets B (FIG. 5) or to a bottle rack D¹ (FIG. 6) or to a coat hanger D² (FIG. 7).

5 The L-shaped member c for attachment of the frame A to a wall or support may be moulded with an eyelet in one leg to receive the wall bolt or screw. The second leg may be formed with a substantially C shaped head to engage a horizontal wire rail a of the frame A.

10 What I claim is:

1. Apparatus for supporting articles comprising means defining a wire frame having a plurality of transversely spaced generally vertical rails and at least one pair of adjacent upper and lower transverse rails spaced a predetermined distance 15 apart fixed to said vertical rails, and a suspension member removably mounted on said frame comprising at one end a substantially U-shaped clip having a base and upwardly extending transversely spaced arms each formed with an open hook end to slidably removably engage over the upper rail of 20 said transverse rails, each said hook end extending a substantial distance downwardly from the upper rail of said transverse rails and terminating above the lower rail of said transverse rails, an arm extending from the base of said clip beneath the lower rail of said transverse rails and arranged to frictionally engage said lower rail by cooperating with said hooked end 25 spaced arms to spring bias said upper and lower transverse rails together to retain said clip on said transverse rails yet permit removal of the clip from said transverse rails by upward pivotal movement of the clip about an axis coincident with the upper transverse rail to disengage said base clip arm from said 30 lower transverse rail followed by upward movement of the clip to disengage said hooked end spaced arms from said upper transverse rail, and article support arm means extending from said clip away from said frame.

35 2. The apparatus defined in claim 1, wherein said frame comprises a plurality of vertically spaced pairs of said transverse rails.

3. The apparatus defined in claim 1, wherein said rails are plastic coated wires.

4. The apparatus defined in claim 1, wherein the support arms means of said suspension member comprises a pair of side by side wires having their free ends bent upwardly.

5. The apparatus defined in claim 1, wherein the support arm means of said suspension member comprises wires arcuately bent to form a coat hanger.

6. The apparatus defined in claim 1, wherein a plurality of said suspension members are mounted in laterally spaced relation on said frame so that the support arm means of said suspension members cooperate to provide a substantially 50 horizontal shelf.

7. The apparatus defined in claim 1, wherein at least two of said suspension members are mounted in laterally spaced relation on said frame, and a bottle rack is secured upon and across their support arm means.

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