Dec. 28, 1965 B. E. JOHNSON 3,226,072

ADJUSTABLE SUPPORT ELEMENT

Filed Dec. 14, 1964

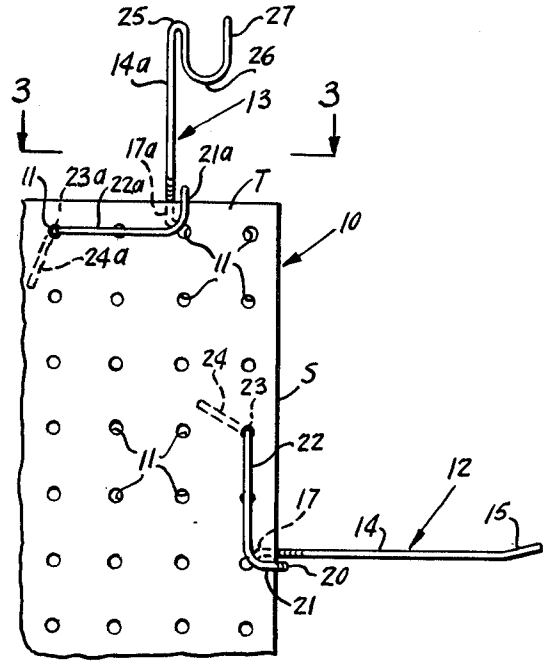


FIG. 1

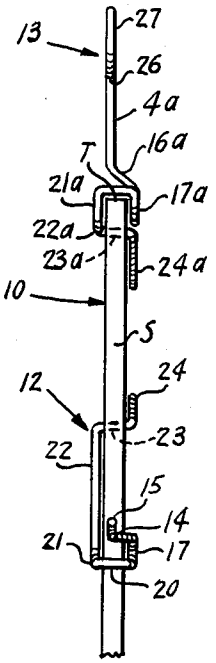


FIG. 2

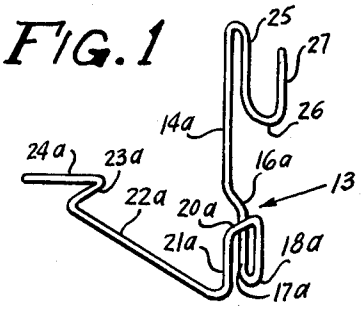


FIG. 5

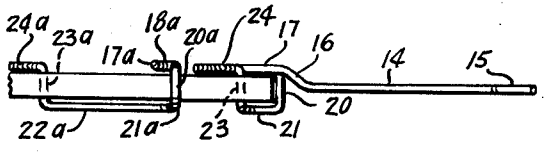


FIG. 3

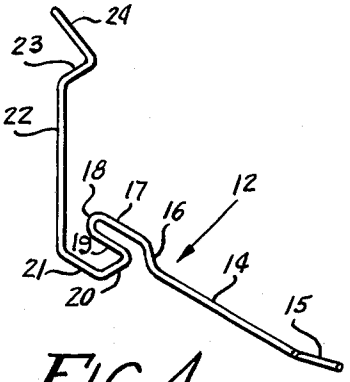


FIG. 4

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ADJUSTABLE SUPPORT ELEMENT

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6 Claims. (Cl. 248—223)

This invention relates to a support element or hook which is adapted to extend linearly from the edge of a flat supporting plate.

A primary object of this invention is the provision of such a support which may be extended from either a horizontal or vertical edge of a supporting plate, and fixedly secured in position to support articles in offset relation to the supporting plate.

A more specific object of the invention is the provision of an apertured panel or board hook which may be attached in the openings adjacent the side or top of an apertured panel or board or any perforated supporting medium and extend vertically from the top of the board and in alignment with the edge thereof or alternatively horizontally from the side thereof.

A further object of the invention is the provision of such a hook or such a support which will firmly retain its position relative to its associated board once assembled therewith, and wherein accidental displacement is substantially precluded.

A further object is the provision of such a hook which may be readily removed from its associated support when desired.

Still other objects will in part be obvious and in part be pointed out as the description of the invention proceeds and shown in the accompanying drawing wherein there are disclosed preferred forms of the instant inventive concept.

In the drawing:

FIGURE 1 is a front plan view of a support such as a Peg Board showing two forms of the invention connected thereto, one extending from the top edge thereof and the other from a side edge;

FIGURE 2 is an end elevational view of the structure of FIGURE 1;

FIGURE 3 is a top plan view of the structure of FIGURE 1 taken substantially along the line 3—3 as viewed in the direction indicated by the arrows;

FIGURE 4 is a perspective view of one of the supports shown in FIGURE 1; and

FIGURE 5 is a perspective view of the other of the supports shown therein.

Similar reference characters refer to similar parts throughout the several views of the drawing.

Having reference now to the drawing in detail, there is generally indicated at **10** a fragment of a conventional apertured panel such as a Peg Board of any desired size and of the usual thickness having the usual multiplicity of openings **11** therein arranged in vertical and horizontal equidistantly spaced rows.

One form of support according to the instant invention is generally indicated at **12**, and a second form is generally indicated at **13**, the principal components and general arrangement of each form being substantially identical. Referring first to support or hook **12**, it will be seen that the same is comprised, illustratively, of a single length of wire, and includes an elongated supporting element **14**, the tip of which is bent upwardly as at **15** to afford horizontal support for an article suspended therefrom or resting thereon. At the end of support **14** opposite tip **15** is a lateral offset **16** from which a first offset portion **17** extends. First offset portion **17** is reverted ts at **18** in a vertical plane and has an underlying leg **19** which terminates in a horizontal bight **20** from which extends a second offset portion **21**, of a length substantially equal to the first offset portion **17**. From the end of the second offset portion **21** an extension **22** projects in a plane substantially perpendicular to the plane of support element **14**. The upper end of extension **22** is inturned as at **23** to provide a portion substantially parallel to the bight **20** and terminates in a third offset portion **24**.

The species of the invention disclosed in FIGURE 5 comprises substantially the same elements and includes an elongated support **14*a*** having at one end an offset **16*a*** from which extends a first offset portion **17*a*** reverted as at **18*a*** and extending to a bight **20*a*** from which extends a second parallel offset portion **21*a*** having a perpendicular extension **22*a***, a transverse portion **23*a***, and a third offset portion **24*a***, all identical to the previously discussed modification. However, in this form of the invention the support **14*a*** is adapted to extend vertically from the top edge T of apertured board **10** and at its outer end instead of the tip **15** has a reverted depending portion **25** which is re-reverted as at **26** and terminates in an upwardly extending portion **27** which forms a U-shaped support in which an article may be hung or supported.

From the foregoing the use and operation of the device should now be readily understandable. The hook **12*a*** is positioned at a desired location along the side edge S of the Peg Board, the support element **14** extending transversely therefrom and with the first and second offset portions **17** and **21** extending on opposite sides of the board. The extension **22** extends upwardly along the face of the board and parallel to the side edge while third extension **24** is positioned in a selected opening, the portion **23** extending through the opening. The arrangement is thus such that any weight carried by support **14** exerts a force first against the edge S of the board and secondly against the side of the opening **11** through which the portion **23** extends, so that the horizontal support is firmly secured against displacement. In the other form of the invention support **14*a*** is extended upwardly from the top edge T of the board with first offset portion **17*a*** on one side thereof and second offset portion **21*a*** on the opposite side thereof with the extension **22*a*** extending horizontally across the top of the board, and offset portion **24*a*** engaging in a selected opening **11**. In this modification the two offset portions **17*a*** and **21*a*** acting in conjunction with the transverse part **23*a*** serve securely to hold support **14*a*** and its associated hook **26** in upright position on the top of the board.

From the foregoing it will now be seen that there is herein provided an improved support or apertured board hook or support having great versatility of adjustment and adaptation, which accomplishes all of the objects of this invention including many advantages of great practical utility and commercial importance.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

1. A support element comprising an elongated support having a first offset portion comprising a longitudinal extension of said support and a second oppositely offset portion parallel to said first offset portion, said first and second offset portions being adapted to extend on opposite sides of a normally vertical flat base member, an extension at the end of one of said offset portions in substantially right angled relation to said support adapted to extend in flush relation to one side of the base member, an inturned portion at the free extremity of said extension adapted to engage in an opening in the flat base member, and a third offset portion at the end of said inturned

portion adapted to extend in flush relation to the other side of said flat base member.

2. The structure of claim 1 wherein said support element is formed of a single length of wire.

3. The structure of claim 1 wherein said first offset portion comprises a reverted end of said elongated support.

4. The structure of claim 3 wherein said second offset portion is connected to said first offset portion by a bight.

5. The structure of claim 1 wherein said support element constitutes a hook for an apertured board and the base from the edge of which the elongated support extends is a normally apertured board, having a plurality of horizontal and vertical rows of equidistantly spaced apertures therein.

6. The structure of claim 5 wherein said elongated support extends vertically from the top edge of the board and

is provided with a U-shaped end portion having an open top.

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