March 6, 1928. 1,661,207

S. L. WEAVER

DISPLAY RACK

Filed Jan. 8, 1927

Fig. 1.

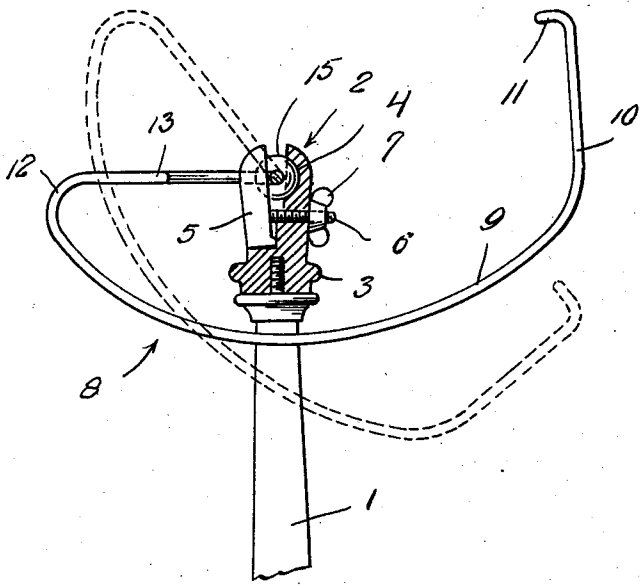


Fig. 3.

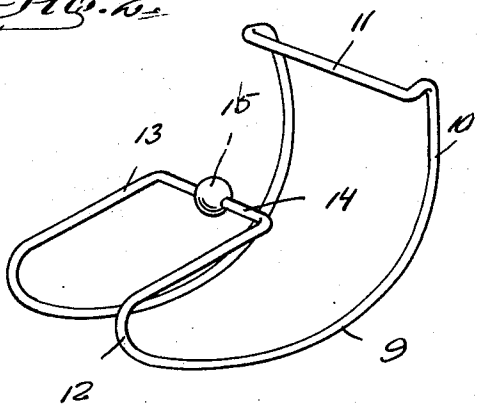
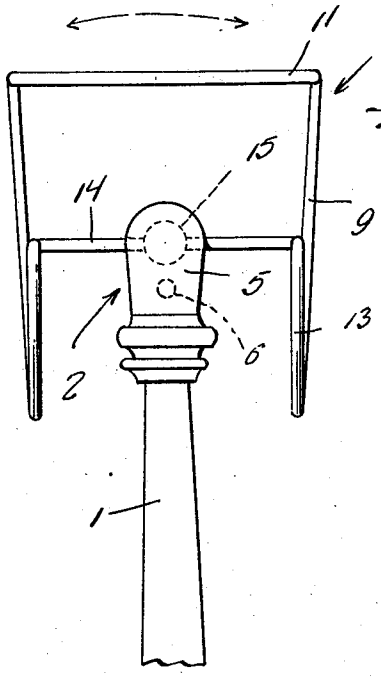


Fig. 2.



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UNITED STATES PATENT OFFICE.

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DISPLAY RACK.

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This invention relates to an improved display rack for store window use, and is adapted to function as a variable or changeable support for various kinds of merchandise.

Briefly, the invention has reference to a novel form of clamping head constructed to permit it to be connected with ordinary display standards. In addition, it includes a wire rack of special configuration adapted for supporting the merchandise, together with a novel ball-joint connector associated with the clamp and held in various adjusted positions.

A particular feature of construction, is the clamping head which includes a screw threaded base to facilitate connection with the standard, together with relatively stationary and movable clamping jaws, having complemental sockets for forming seats for reception of the ball joint connector.

An equally important feature of the construction is the display rack itself, which is made from a single length of wire of sturdy dimensions and which possesses a shape to adapt it for supporting garments such as shirts and underwear, to operate as an easel for signs, and as a novel support for hats and caps.

The outstanding feature of the invention, is in the ball joint connection between the wire rack and the clamping head, which allows the rack to be adjusted to a multitude of different angular positions with respect to the standard.

Other features and advantages of this invention will become apparent from the following description and drawings.

In the accompanying drawings, forming a part of this application, and in which like numerals are employed to designate like parts throughout the same:—

Figure 1 is a side view with portions shown in section, indicating the position of the invention on a display standard.

Fig. 2 is an end view of the same.

Fig. 3 is a detail perspective view of the wire rack.

Referring now to the drawings in detail, it will be seen that the reference character 1 designates a standard of appropriate material such as wood, metal, or the like, which is of customary configuration in order to render it ornamental, and which is provided at its top with a screw threaded shank for reception of the various types of article supporting racks now in use.

The clamping head is generally designated by the reference character 2 and this comprises a base 3 having a central screw threaded socket for reception of the shank. Rising from this base on one side is the stationary jaw 4, movable jaw 5 cooperating therewith, which are each of appropriate external configuration and have their opposed inner faces flat and formed near their upper ends with oppositely arranged pockets.

A screw threaded stem is carried by the movable jaw as indicated at 6, and this extends through an opening in the stationary jaw and a retaining nut 7 of the wing variety is carried by the free end thereof. The wire rack is generally designated by the reference character, 8. This is formed of a single length of wire, to provide a substantially rectangular frame. The major portion of this frame, however, is bowed longitudinally as indicated at 9 to represent a segment of a circle.

The end portion 10 is directed somewhat at right angles, and terminates in a short appendage 11, which overlies one end portion of the bowed body portion. The opposite end portion is bent upon itself as at 12 and formulates a relatively long extension 13 which may be defined as the attaching extension.

Mounted on the central portion of the bight 14 is the ball joint connector 15, which is constructed for reception in the aforesaid sockets.

From the foregoing, it will be seen, that the wire rack member can be adjusted in a vertical plane and clamped in any position to which is is moved. For example, it may be adjusted from the full line position in Fig. 1, to the dotted line position there represented, at which time it is adapted to operate as an easel for signs, boxes, etc. Of course, it could be swung up in the opposite direction to dispose the appendage or hook 11 somewhat over top of the clamping head to provide a novel support for shirts, underwear, and the like.

It can be tilted from one side to the other, as shown by the arrow in Fig. 2. The bowed portion can be disposed downwardly by swinging the device through approximately 180°. In fact, the rack may assume and be clamped in a multitude of different

positions to suit various occasions. Of course, the method of adjustment and the positions assumed, will become more readily known and appreciated from actual experience, and use of the device.

No doubt, by considering the description in connection with the drawings, a clear understanding of the construction, as well as the method of use, and advantages will be clear to persons familiar to inventions of this class. Therefore, a more lengthy description is thought unnecessary.

Minor changes in shape, size, and arrangement may be resorted to as long as they remain within the scope of the adjoined claims.

Having thus described my invention, what I claim as new is:—

1. As a new product of manufacture, a display rack in the form of an elongated rectangular wire frame, having its central portion bowed longitudinally to represent a segment of a circle, one end portion of the frame being directed at substantial right angles to said bowed portion and terminating in an inwardly directed hook, the opposite end portion being bent inwardly to overlie the bowed portion and forming an attaching extension, and a ball connector mounted upon the central portion of the bight of said extension.

2. As a new product of manufacture, a display rack in the form of an elongated rectangular wire frame, having its central portion bowed longitudinally to represent a segment of a circle, one end portion of the frame being directed at substantial right angles to said bowed portion and terminating in an inwardly directed hook, the opposite end portion being bent inwardly to overlie the bowed portion and forming an attaching extension, and a ball connector mounted upon the central portion of the bight of said extension, together with a socketed clamping head, the ball joint connector being adapted for disposition in the sockets.

In testimony whereof I affix my signature.

SAMUEL L. WEAVER.