Sept. 12, 1933. G. SUBICK 1,926,636

SUPPORTING DEVICE

Filed Dec. 27, 1932

Fig. 1.

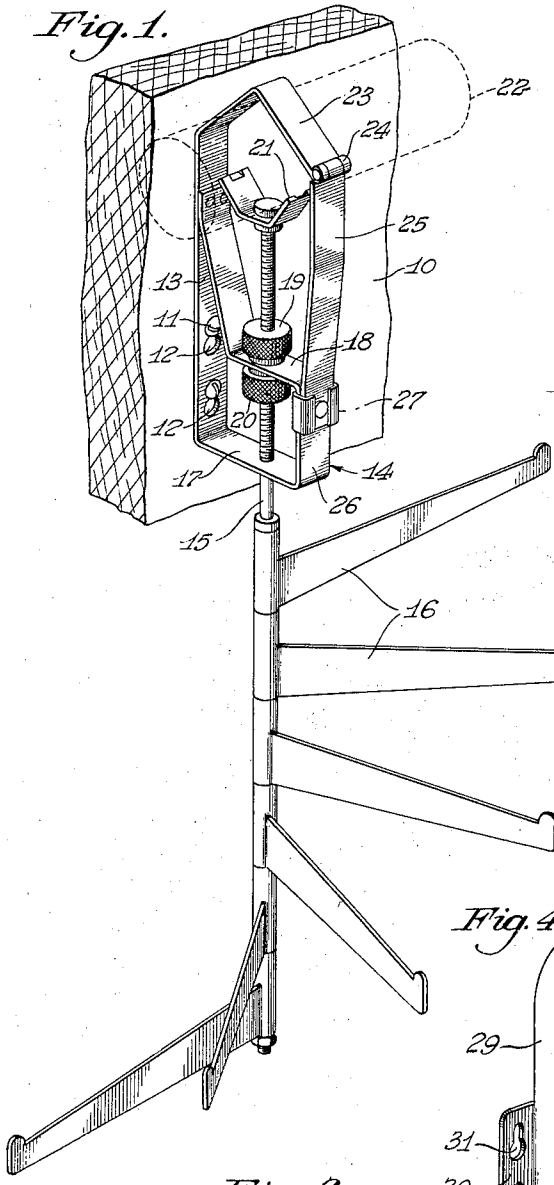


Fig. 2.

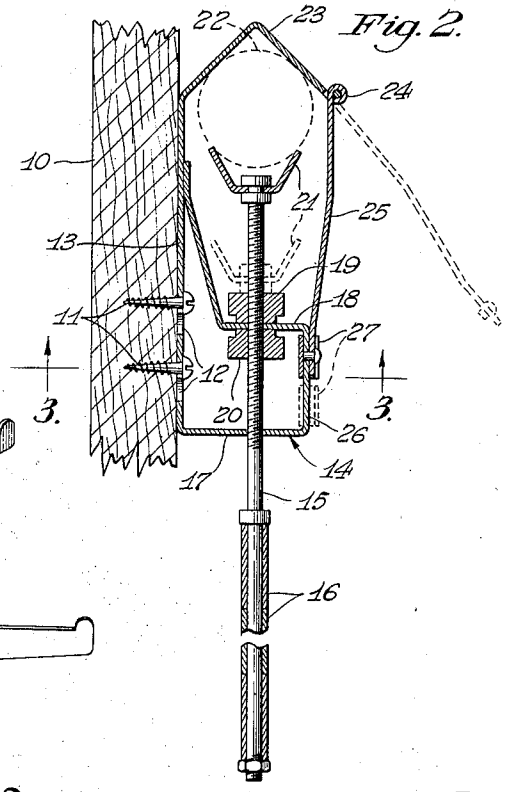


Fig. 3.

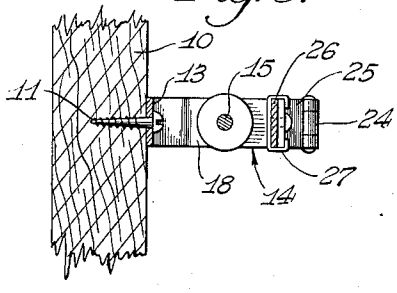


Fig. 4.

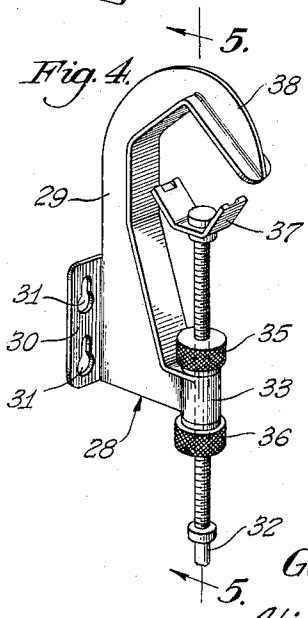
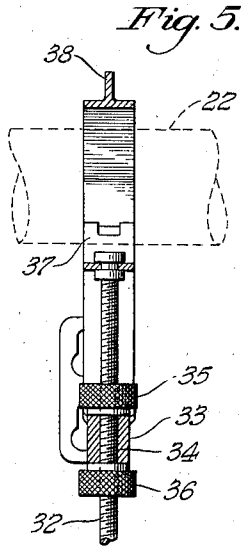


Fig. 5.



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HIS ATTORNEYS

WITNESS:

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UNITED STATES PATENT OFFICE

1,926,636

SUPPORTING DEVICE

George Subick, Chicago, Ill.

Application December 27, 1932
Serial No. 649,021

1 Claim. (Cl. 248—30)

This invention relates to certain novel improvements in supporting devices, and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical in manufacture.

An object of this invention is to provide an improvement over my United States Patent No. 1,869,226, dated July 26, 1932.

Another object of the invention is the provision of an improved bracket for suspending the vertical stem rod of a display rack from a horizontal support.

A further object of the invention is to provide an improved bracket which may be adjustably clamped to horizontal supporting rods of various diameters.

Other objects of the invention will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing, showing the preferred form of construction, and in which:

Fig. 1 is a perspective view of a preferred form of the invention;

Fig. 2 is a sectional view on line 2—2 in Fig. 1;

Fig. 3 is a horizontal sectional view on line 3—3 in Fig. 2;

Fig. 4 is a perspective view of a modification of the invention; and

Fig. 5 is a sectional view on line 5—5 in Fig. 4.

In the preferred form of the invention, shown in Figs. 1 to 3 inclusive of the drawing, a vertical support is indicated at 10 and has therein screws 11, the heads of which are receivable in bayonet slots 12 formed in an arm 13 of a bracket, which is generally indicated at 14.

The new supporting device includes a vertical stem rod 15 upon which are revolvably mounted arms 16 adapted to support or display various articles of merchandise such, for example, as neckties. The stem rod 15 is projected through aligned apertures formed in two spaced parallel horizontal arms 17 and 18 of the bracket 14 and threaded onto a threaded portion of the stem rod 15 on opposite sides of the arm 18 is a pair of binding nuts 19 and 20. Attached to or carried by the upper end of the stem rod 15 is a clamping element 21 which is adapted to grip the lower side or surface of a horizontal supporting member, which, in the present instance, is in the form of a pole 22. To cooperate with the clamping element 21 in gripping the pole 22 the new supporting device includes a clamping arm 23 which projects laterally forwardly from the attaching arm 13 of the bracket so as to grip the pole 22 on the upper side thereof and on the side of the pole diametrically opposite the clamping element 21. Hingedly connected to the clamping arm 23 at 24 is a latch arm 25. Slidably mounted on an arm 26 of the bracket 14 is a latch element 27 which is adapted, when in the full line position of Fig. 2, to embrace the lower end portion of the latch arm 25. When thus latched to the arm 26 of the bracket the latch arm 25 acts as a support for the relatively thin and yieldable metal clamping arm 23 and prevents bending of the latter under load or when the arms 16 are weighted.

The stem rod 15 and the clamping element 21 carried thereby may be adjusted vertically relative to the bracket 14, by manipulating the binding nuts 19 and 20, and by thus adjusting the stem rod 15 the clamping elements 21 and 23 may be accommodated to horizontal supporting members or poles 22 of different diameters.

In the form of the invention shown in Figs. 4 and 5 the bracket of the new supporting device is generally indicated at 28 and includes a relatively stiff arm 29 for attachment to a vertical support, such as 10; and to this end the arm 29 has a plate 30 integrally fastened thereto and provided with bayonet slots 31 for the reception of the heads of screws, such as 11.

The modification shown in Figs. 4 and 5 includes a vertical stem 32, similar to the stem 15, and having a threaded portion projected through an aperture 34 formed in an arm portion 33 of the bracket arm 29. Threaded onto the stem 32 on opposite sides of the portion 33 of bracket arm 29 is a pair of binding nuts 35 and 36 and carried by the stem 32 at its upper end is a clamping element 37 which cooperates with a relatively rigid arm 38 of the bracket 28 to clamp the horizontal supporting member or pole 22 on diametrically opposite sides thereof.

The stem 32 and clamping element 37 may be adjusted vertically relative to the bracket 28, by adjusting the binding nuts 35 and 36, so as to accommodate the clamping elements 37 and 38 to horizontal supporting poles 22 of different diameters.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such

variations and modifications as come within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to protect by Letters Patent is:

A supporting device comprising a bracket having a portion for attachment to a vertical support, said bracket including a clamping element adapted to grip a horizontal support on the upper side thereof and including a horizontal arm having an aperture formed therein, a vertical supporting stem rod having a threaded portion projected through said aperture, a pair of binding elements threaded onto said stem rod portion on opposite sides of said arm, a clamping element carried by said stem rod at the upper end thereof adapted to grip said horizontal support on the underside thereof so as to suspend the device from the said horizontal support, a latch element on said bracket, and a supporting arm hinged at its upper end to the first-named clamping element and having its lower end portion latchable to said latch element to support and reenforce the first-named clamping element.

GEORGE SUBICK.