My invention relates to display racks for periodicals and has for its primary object the providing of a portable rack which will retain periodicals, such as newspapers and magazines, firmly in the rack but from which they may be easily removed.

Another object of my invention is to provide a portable display rack which will unfold periodicals to their best advantage.

A further object of this invention is to provide a portable periodical display rack which may be easily disassembled or folded into convenient form for storage when not in use.

A still further object is to provide a display rack for periodicals which shall be inexpensive and simple in construction yet so rigid and sturdy that it will withstand the rough usage to which such devices are subjected.

Other objects and advantages will be apparent during the course of the following description.

In the drawings in which only preferred embodiments of my invention are shown:

Figure 1 represents a perspective view of one form of display rack.

Fig. 2 is a side elevation of the rack shown in Fig. 1.

Fig. 3 is a front elevation.

Fig. 4 is a detail sectional view taken on the line 4-4 of Fig. 3.

Fig. 5 is a detailed sectional view taken on the line 5-5 of Fig. 3.

Fig. 6 is a side elevation of a modified form of the rack.

Fig. 7 is a front elevation of this form.

Fig. 8 is a detail sectional view taken on line 8-8 of Fig. 7.

Fig. 9 is a perspective view of one of the modified clips.

In the following specification in which like characters of reference are employed to designate like parts throughout the same, the numeral 10 designates a pair of parallel longitudinally disposed angle iron bars which are spaced by and connected by lateral connecting straps 11 and 12 at their top and bottom ends respectively.

Intermediate the straps 11 and 12 are a plurality of transverse flat strips 13 which are arranged parallel to each other and at right angles to the longitudinal members 10. These strips 13 are rigidly attached to the members 10 by means of riveting, welding or any other suitable means.

At a point below each of the strips 13, and positioned parallel to it, is a rod 14 rotatably mounted in a pair of journals 15, attached to the members 10 in a manner shown in Fig. 5. At a point 16, equidistant from the ends of each of the rods 14, is a clip designated as 17. Describing this clip in detail: It comprises a flat piece of metal, which after being shaped to its proper conformation, is vertically the same length as the distance between the rod 14, to which it is attached, and the strip 13 immediately above this rod. As shown in Fig. 4, one end of this flat metal strip 17 is rigidly attached to the rod 14 and extends radially from it for approximately one fourth of its length as at 18, at which point it is curved inwardly at 19 and extends upwardly to 20 to a point adjacent the strip 13, when it is curved slightly outward as at 21.

Adjacent one end of each of the rods 14 is attached a radial rearwardly extending arm 22, 29 provided at its free end with an eyelet 23, to which is attached one end of a helical spring 24, the opposite end being held by an eyelet 25 fixed to any convenient part of the rack; in the form illustrated this eyelet 25 is attached to the transverse strip 13 immediately below the rod 14. By this means a spring clip is formed by the clip 17 and the transverse strip 13 between which the periodicals to be displayed are firmly held. By exerting pressure on the arm 22 against the tension of the spring 24 the clip 17 may be moved out of engagement with its coacting strip 13 for the purpose of inserting periodicals in the rack.

For the purpose of accommodating large or heavy material to be displayed, hooks 26 are provided longitudinally arranged along each of the members 10. These hooks 26 are attached at one of their ends 27 to the member 10, at a point adjacent to, but slightly above the rod 14, and extend outwardly at 28 for a distance nearly the length of the portion 18 of the clip 17, at which point they extend upwardly and parallel to the member 10, as shown at 29. The purpose of these hooks is clearly shown in Fig. 1.

For the purpose of maintaining the rack in an upright but slightly inclined position to facilitate easy visibility of the merchandise displayed thereon, supporting legs 30 are provided. These legs are fulcrummed onto the members 10 by means of a bolt or rivet 31 and are adapted to extend downwardly and rearwardly as shown in Figs. 1 and 2. The correct angle between the legs 30 and the members 10 is maintained by means of the position of the fulcrum pin 31 and an angular extension 32 of the leg, which is adapted to abut the forward flange of the angle iron member 10 as shown in Fig. 4. These legs 30 are adapted to be folded within the angle iron members 10 thereby forming a substantially flat arrangement of the rack for the purpose of storing them in a limited space when they are not in use.

In Figs. 6, 7, 8 and 9 is shown a modified form of display rack which provides a design wherein three or four sides are utilized for display purposes. The construction of the several elements comprising this form of rack is substantially the same as shown and described as Figs. 1 to 5. Two racks as shown in these first five figures, with the exception of the supporting legs 30, which are omitted, are both hinged at their upper ends to
triangular shaped plates 33 by means of bolts or rivets 34. These bolts 34 are positioned near the base of the plates 33 at a substantial distance from the upper ends of the members 10 as shown in Fig. 6. To provide means of limiting the spreading movement of the members 10 when the rack is opened to form its displaying position, that of an inverted V.

A modified form of clip is also illustrated in these figures (8 to 9), but it must be understood that this modified clip is applicable to the rack shown in Fig. 1 or the clip and hooks shown in Fig. 1 is applicable to the present form of rack. This clip comprises a base 35 which is channel-shaped and is attached to a transverse rod 36, similar to rod 14, and is rotatably journaled in bearings 15 which are attached to members 10. The channelled base 35 is provided with an upwardly extending curved tongue 37, similar to 17, which terminates in a cross head 38. The cross head 38 is adapted to abut the transverse strips 13 and to give an increased friction surface to hold the displayed matter within the rack.

In order to facilitate movement of the display rack from one location to another, rollers or casters 39 are provided in the lower ends of the members 10.

The above provides a display rack with two display surfaces but in order to increase its utility, I have provided an additional display surface or side which may be applied to the rack or detached as the need arises. This side comprises a frame 40 substantially similar in construction to the other two sides with exception, that the longitudinal angle iron side pieces 41 are positioned at an angle to one another to conform with the inverted V-shaped space between the two hinged sections. These side pieces are fastened together at the top and bottom by transverse straps 42 and 43 respectively, while interposed between them are clips similar in every respect except their length, which is modified with respect to the space between the side pieces 41, where the clips are positioned. Extending from the sides of the frame 40 are lugs 44 provided with depending pins 45 which are adapted to be received in sockets 46 attached to the inner sides of the members 10.

The display frames 40 may be provided on either one or both sides of the hinged display rack depending on need for additional display space or the location in the store or room in which the rack is used.

It must be understood that only preferred embodiments of my invention are shown and described herein and any departure from the disclosure such as in shape, size, arrangement of parts or certain modifications in construction to facilitate the manufacture thereof may be resorted to without departing from the spirit of my invention or from the scope of the following claims.

Having thus described my invention what I claim is:

1. A display rack for periodicals comprising a pair of rectangular frames hinged to each other at their upper ends and adapted to be angularly disposed with respect to each other when in use, a triangular shaped frame to fit between the rectangular frames, each frame being provided with spring tensioned clips, sockets carried by the rectangular frames at sides thereof, and arms projecting from sides of the triangular frame and having depending pins engaged through the sockets to detachably support the triangular frame.

2. A display rack for periodicals comprising a frame, an abutment extending across said frame, an oscillatory channel disposed below the abutment and pivoted to the frame, a tongue extending upwardly from said channel intermediate ends thereof with its free end terminating in front of the abutment to hold periodicals against the abutment, and springs means yieldably resisting rocking movement of the channel in one direction and causing the free end of the tongue to be urged towards the abutment.

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