ABSTRACT OF THE DISCLOSURE

A poster holder attached to a vertical support by guide and guide follower means having upper and lower attachment members, the poster holder being movable vertically within limits defined by the attachment members, is placed on the guide means. The portion of said poster holder adapted to be supported on the lower attachment means and equipped with latch means for holding the stop detachably fastened to the attachment member.

This invention relates to poster holders adapted to be mounted in elevated positions on an upright support, such as a building, pole or other elevated structure, and has for its objects the provision of such a poster holder which can be lowered into a position within reach of the user for changing or replacing the poster without the need for a ladder, and then raised to its elevated position out of the reach of vandals and preferably locked in that elevated position.

Other objects and advantages of the invention will become apparent during the course of the following description of the accompanying drawings, wherein:

FIGURE 1 is a front elevation of the lowerable elevated poster holder of the present invention, mounted on a post and shown in its lowered position;

FIGURE 2 is a perspective view of the poster holder showing the guide member raised during an intermediate stage in its installation;

FIGURE 3 is a view similar to FIGURE 2, but showing the poster holder in its fully installed and raised but unlocked position; and

FIGURE 4 is an enlarged view of the lower left-hand corner of FIGURE 3, but with the poster frame swung backward ready to be lowered into its locked position.

Referring to the drawing in detail, FIGURE 1 shows a lowerable elevated poster holder, generally designated 10, as mounted upon a post or pole 12 seated in concrete or other secure means in the ground 2. While the mounting has been shown on a post, it will be evident that it may equally well be mounted on a wall or other elevated support, such as on the wall of a building. The poster holder 10 includes upper and lower clamps 14 and 16 respectively, each consisting of a pair of short oppositely-facing forward and rearward components 18 and 20 respectively (FIGURE 2) with their midportions of arcuate configuration to closely engage the post 12 and with their outer opposite ends bored to receive clamping bolts 22. In FIGURE 4 the pole 12 and the rearward component 20 of the lower clamp 16 have been omitted to simplify the showing.

Secured to the forward components 18 of the upper and lower clamps 14 and 16 are stationary upper and lower elongated horizontal angle bars or attachment members 24 and 26 respectively (FIGURE 3) with their horizontal flanges facing one another. Secured to and extending between the upper and lower angle bars in spaced parallel relationship to the post 12 and to each other are two elongated guide rods 28 constituting a guideway. Such securing is conveniently accomplished by inserting cotter pins 30 in the diametrically-drilled upper and lower ends of the guide rods 28. One such cotter pin 30 is shown in position in the lower end of one of the vertical guide rods 28 in FIGURE 4, such details being too small to be shown in the other views. The upper and lower elongated angle bars 24 and 26 are drilled at 32 for the passage of the guide rods 28 as shown in FIGURE 4.

Sildably mounted for vertical travel along the parallel guide rods 28 and drilled with laterally-spaced holes 34 (FIGURE 3) to receive them is an intermediate movable angle bar or poster frame mounting member 36 which is bolted or otherwise secured by fasteners 38 to the back of a poster holding frame 40. The poster-holding frame 40 includes a back wall 42 to which are bolted or otherwise secured at 44 the border frame members 46 of the poster frame 40. The border frame members 46 are preferably hingedly secured to the rear wall 42 by the bolts 44 and spring-pressed thereagain to removably secure a poster 48 thereto. The details of the poster frame 40 are beyond the scope of the present invention but one such poster frame which has been found satisfactory for this purpose is disclosed and claimed in the Howell Patent No. 2,882,633 issued Apr. 21, 1959, for "Poster Holder." The poster 48 is conventional and ordinarily consists of a sheet of cardboard with inscriptions 50 and 52 relating to the article advertised for sale together with the price, such as at a supermarket.

Bolted or otherwise secured at 54 to the rear wall 42 of the poster frame 40 is the vertical arm 56 of an angle bracket or stop member 58 (FIGURE 4), the horizontal arm 60 of which projects rearwardly and is provided with a pair of spaced holes 62. Welded or otherwise secured in one of the holes 62 is a headed locating pin 64, the shank of which extends downwardly into alignment with a corresponding locating hole 66 near one outer end of the lower angle bar 26 when the poster holder 40 is in its rearward position. The other hole 68 in that position is aligned with a corresponding hole 66 in the lower angle bar 26 for receiving the shackle or bow of a padlock (not shown). In FIGURE 4, the poster frame 40 and angle bracket 58 are shown in slightly raised positions above the lower angle bar 26, whereas in the locked position thereof the horizontal arm 60 of the angle bracket 58 rests upon the horizontal flange of the angle bar 26 with the shank of the locating pin 54 extending downwardly through the locating hole 66 and with the padlock holes 62 and 68 directly adjacent and aligned with one another.

In the installation of the poster holder 10, the clamp components 18 and 20 of the upper clamp 14 are secured to the pole or post 12 at the desired height and bolted to each other and to the upper angle bar 24, to which the upper ends of the parallel guide rods 28 have been previously secured as by the cotter pins 30 (FIGURE 4). The lower clamp 16 is secured loosely to the pole 12 in its approximate position, without attaching the lower angle bar 26 at this time. The holes 34 in the intermediate angle bar 36, which has been previously secured by the fasteners 38 to the rear wall 42 of the poster frame 40, are lined up with the lower ends of the rods 28, which are passed through the holes 34 while the poster frame 40 is pushed upward to the position shown in FIGURE 2. While the poster frame 40 is held in this position by bolts 40 suitable means, the installer pushes the lower angle bar 26 upward while he guides the lower end of the guide rods 28 through the holes 32 (FIGURE 4), thereafter inserting the cotter pins 30 on the underside of the angle bar 26 through the diametrically-drilled lower ends of the guide rods 28. He then bolts the forward and rearward components 18 and 20 of the lower clamp 16 to each other and to the lower angle bar 26 by the bolts 22. The assembly now presents the appearance shown in FIGURE 3.
To install a poster 48 in the poster frame 40, the operator pulls the latter downward into its lower position (FIGURE 1) without requiring the use of a ladder and without encountering the hazard attendant upon the use of a ladder. He then inserts the poster 48 in the poster frame 40, such as by swinging the border frame members 46 forward around their respective hinges and then snapping them back into position in response to their springs, as disclosed in the above-mentioned Howell Patent 2,882,633. The operator now pushes the poster holder 40 with its now-installed poster 48 upward along the parallel guide rods 28 until the intermediate angle bar 36 lies adjacent the upper angle bar 24. Whereupon he then swings the lower end of the poster frame 40 rearwardly until the shank of the locating pin 64 lies directly above the locating hole 66. The operator then lets the poster frame 40 slide downward along the guide rods 28 so that the shank of the locating pin 64 enters the locating hole 66 and the lower arm 60 of the angle bracket 58 comes to rest against the lower angle bar 26 with the padlock holes 62 and 68 in alignment with one another. The operator then inserts the shackle of an open padlock (not shown) through the holes 62 and 68 and closes the padlock to lock the poster frame 40 in its raised position. In its raised position, the poster frame 40 of the poster holder 10 is out of the reach of vandals or practical jokers who might otherwise seek to deface the poster 48, yet it is instantly ready to be lowered by authorized persons possessing a key to the padlock, for the purpose of changing or replacing the poster 48.

What I claim is:

1. A vertically movable poster holder for mounting on an upright support comprising
   upper and lower attachment members;
   means for fastening said attachment members to said support;
   a poster holder;
   loosely interfitting guide and guide follower means carried by said attachment members and said poster holder, respectively, attaching said poster holder to said attachment members while permitting said poster holder to move vertically on said support relative to and within limits defined by said attachment members and permitting also limited horizontal movement between the bottom of said poster holder and said support;
   stop means on the lower portion of said poster holder movable with the latter to a position above and supportable on said lower attachment member; and
   coacting catch and latch means carried by said stop and said lower attachment member automatically engageable when said stop is moved into supported engagement with said lower attachment member to hold the lower portion of said poster holder against horizontal movement and being disengageable by vertical movement of said poster holder to permit such horizontal movement.

2. The combination as set forth in claim 1 wherein said guide and guide follower means are in the form of a horizontal mounting member on said poster holder, and
   vertical rods carried by and extending between said upper and lower attachment members and extending through apertures in said horizontal mounting member.

3. The combination as set forth in claim 1 wherein said catch and latch means are in the form of a pin carried by and depending from said stop means, and
   an aperture in said lower attachment member positioned in alignment with and adapted to receive said pin when said stop is supported on said lower attachment member.

References Cited

UNITED STATES PATENTS
144,917 11/1873 Moeller.
3,250,032 5/1966 Von Gal et al. 40—125 X
3,288,412 11/1966 Murphy 40—125 X

FOREIGN PATENTS
14,881 3/1911 Great Britain.

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