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1,801,027

DISPLAY HOLDER

Filed March 20, 1929

Fig. 1



Fig. 2

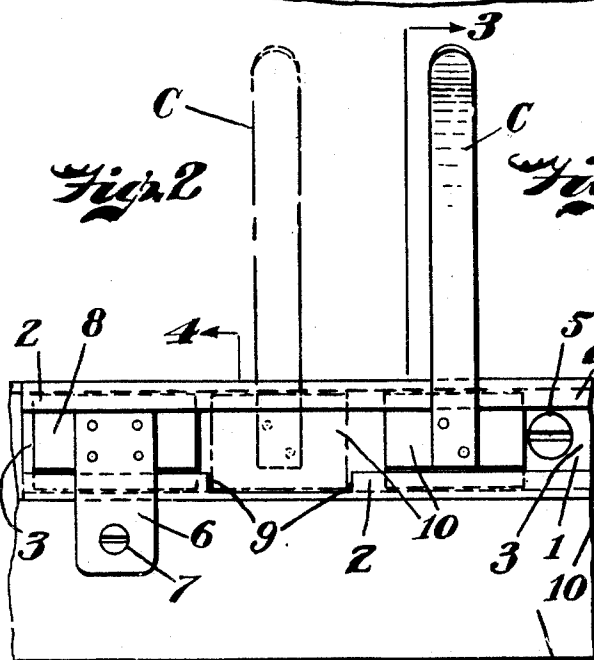


Fig. 3

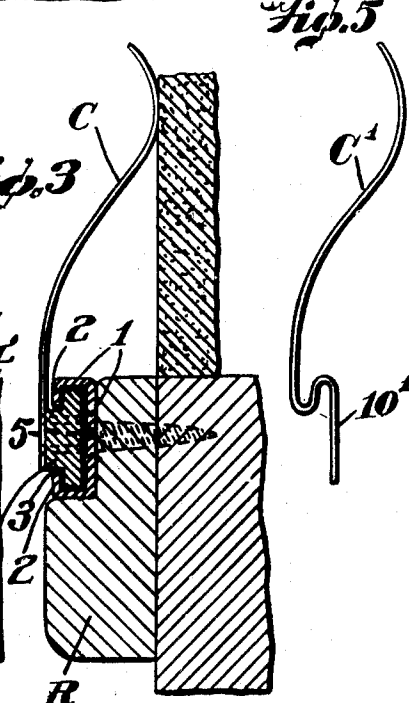
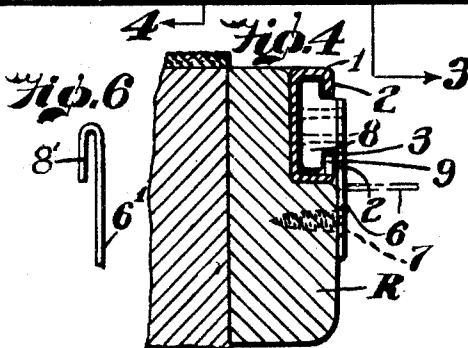


Fig. 5

Fig. 6



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DISPLAY HOLDER

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My present invention relates to display apparatus and for the purpose of my present disclosure I will discuss it with particular reference to educational displays as that field represents one of immediate importance and highly illustrative value.

Taking as an illustration the display of educational cards such as the letter cards used in the teaching of reading it will be noted that in practice it is of great importance that these cards be set up at some convenient point on the general eye level of the small child. In practice it has been customary to put such cards on the chalk rail of a blackboard or like rail or moulding, and while this has been very satisfactory as a matter of location, the easy displacement of the cards has been a matter of constant annoyance.

My invention contemplates apparatus which will make this practice convenient and successful and at the same time afford general facilities for the display of all sorts of maps, pictures and other paper exhibits such as are commonly used in schools.

As illustrative of my invention I have shown in the accompanying drawing equipment well adapted to meet average needs and adaptable to considerable variety in the matter of size and arrangement of such exhibits.

In the drawings:

Fig. 1 illustrates a characteristic school room display.

Fig. 2 shows a section of display rail with appliances.

Fig. 3 a sectional view of the same.

Fig. 4 a detail of the spring clip member.

Fig. 5 a side view of a modified form of clip, and

Fig. 6 a side view of a modified form of my deformable rail attaching member.

My invention is readily attached to a guard or chalk rail R of a blackboard B which in practice is of considerable length and such lengths are preferably set up in more or less continuous arrangement across convenient wall space opposite the students' seats. To this rail I cause to be affixed a channel member 1 having overturned edge

portions 2 with a slot 3 left between the edge portions.

The channel member 1 may be apertured for direct attachment by screws as at 5 but such attachment is rarely convenient as the channel member under most circumstances is more conveniently attached to the chalk rail or chair rail or other moulding at the desired level. As conditions vary considerably as to type and dimension, my invention contemplates a means of attachment permissive of a wide range of adjustment and adaptability. To meet the varying conditions I provide a deformable attaching member 6, as for example, a bendable strip of metal having a convenient attaching means as a screw hole 7. (Fig. 4.) This strip may be constructed of material light enough to be bent to any desired position so that it may be attached vertically on the face of the rail or bent horizontally to engage with the top or bottom of the rail or in any intermediate position. On such a strip I provide channel member engaging means adjustable to meet any requirement of length or position. As shown in Fig. 4 this may be a member 8 slidably engageable with the interior of the channel member groove and retained by the overhanging edges 2 or as shown in Fig. 6 the member 6' may be bent upon itself to provide a channel engaging flange 8' which is slidable therein.

The member 1 is preferably apertured as at 9 to permit the removal or insertion of the clips C or C'. Preferably these apertures are adjacent the ends of the strip and the supporting members 8 are provided in lengths sufficiently greater than the length of the aperture so that they will support the rail and at the same time close the aperture.

My spring clips C may be provided with guide blocks 10 which slide in the slot 3 as shown in Figs. 2 and 3, or the metal from which the clip itself is made may be of a length great enough to permit it to be bent upon itself to form a channel engaging guide or flange 10'. (Fig. 5.) When it is desired to remove or insert clip members C the member 8 may be shifted laterally in the slot 3 so as to expose the rail aperture through

which the guide block 10 or flange 10' of the spring clip may be passed. If the member 6 is fixed by a screw 7 as shown in Figs. 2, 3, 4 and 5, this screw may readily be removed to fix the member 8 to be removed right or left so that the guide block 10 of the clip C may enter through the aperture 9. 70

With such simple apparatus I am able to equip the ordinary school room or other location where such equipment is required so as to provide for any display that may be wished regardless of the size of the cards or other objects which are to be supported and regardless of the space or other arrangement required. When not in use the clips may be removed if desired or merely shifted laterally to some convenient position where they will not interfere with other operations. For example, where attached to a chalk rail the clips may be shifted to one side so that the rail may be used for blackboard work in its usual manner. 75

It is also obvious that the clips C and guides blocks 10 or flanges 10' may be positioned so that the clips extend downwardly thus permitting under certain circumstances double rows of display material. 80

The rail may be variously designed and the engaging members correspondingly designed to cooperate therewith. Obviously the engagement indicated is found to be highly desirable. 85

What I therefore claim and desire to secure by Letters Patent is: 90

1. In combination with a railing, display apparatus comprising a guide having a channel, said guide having an aperture, means for attaching said guide to said railing comprising a member adapted to enter said channel through said aperture and slidable in said channel, said member having a deformable member bored to permit the passage of rail engaging means. 95

2. In combination with a railing, display apparatus comprising a guide having a channel, means for affixing said guide to said railing comprising a member slidable in said channel and having a deformable member, bored to permit the passage of rail engaging means. 100

3. In combination with a railing, display apparatus comprising a guide having a channel, said guide having an aperture, means for affixing said guide to said railing comprising a member slidable in said channel and having a deformable member bored to permit the passage of rail engaging means and a display holder adapted to enter said channel through said aperture and slidable therein. 105

4. Display apparatus comprising a guide having a channel, said guide having an aperture, means for affixing said guide to a railing comprising a member slidable in said channel and having a deformable member 110

and bored to permit the passage of rail engaging means, and a display member comprising a guide block adapted to pass through said aperture and slidable in said channel and display holding means carried by said guide block. 115

In testimony whereof I affix my signature.
ERNEST L. TONER. 120

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