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B. WHITEHOUSE

2,570,619

CHART SUPPORT

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Fig. 1

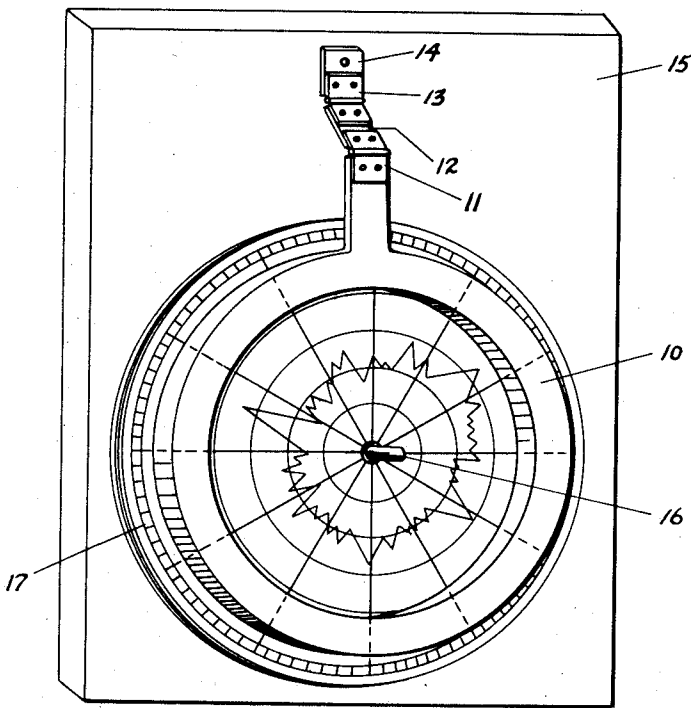
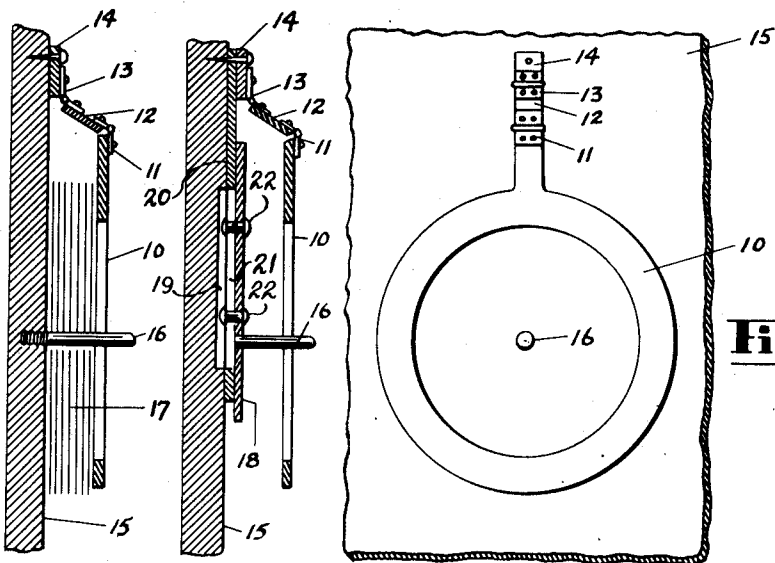


Fig. 2 Fig. 4

Fig. 3

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CHART SUPPORT

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1 Claim. (Cl. 211—54)

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My invention relates to supports and more particularly to a type of support that may be employed for retaining charts or the like in a position for future reference.

The object of my invention is to provide a device that may be employed to retain charts such as are employed in recording instruments or the like, in a manner to afford visibility yet be securely held in place against a vertical board or wall.

Another object is to construct the device in a manner whereby the most recent chart is made visible and the others made accessible for reference.

The device is designed so that a plurality of units may be mounted adjacent one another to provide an orderly arrangement of records accessible to the user at all times.

Other and further objects of my invention will become more apparent as the description proceeds when taken in conjunction with the drawings, in which:

Figure 1 is a perspective view of the assembled device supporting a plurality of circular charts.

Figure 2 is a cross-sectional view of the device shown in Figure 1.

Figure 3 is a front view of the device mounted to a wall or board, and

Figure 4 is a cross-sectional view of the device, showing the pin mounted adjustable so that it may be placed into the center of the ring member.

Similar characters of reference indicate corresponding parts throughout the several views, and referring now to the same, the character 10 shows an annular ring hingedly supported at 11 in any convenient manner to a mounting arm 12, which in turn, is hingedly supported at 13 to a mounting block 14, which is attached to a board or wall 15. In Figures 1, 2 and 3, the board 15 has an outwardly extending pin 16 attached thereto and this pin 16 is disposed centrally within the annular ring 10. The pin 16 is employed to support the charts shown as 17. These recording charts are provided with an aperture through their center and they are applied to the pin 16 by extending the pin 16 through these apertures. The annular ring 10 may be made of any material but preferably of a transparent material, thereby allowing visibility and permitting the reading of the top chart while the device is in use.

Quite frequently, it is beneficial and sometimes necessary that charts from recording instruments be retained for future reference. The device as described affords a positive means of keeping the charts in proper order and permitting the latest chart to be visible for immediate observance. As the number of charts applied to the pin 16 in-

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creases, the ring 10 will be caused to extend outward from the board 15 and the radial movement of the mounting arm will cause the ring 10 to be raised. In Figure 4, I show the pin 16 mounted to a slidably supported member 18 arranged for vertical adjustment thereby making it possible to raise or lower the pin 16 for the charts 17 in their relation to the ring 10. As shown, the board 15 is formed with a vertical slot 19 and overlying the slot a guide plate 20 is suitably secured, the latter being formed with a slot 21 in registry with the slot 19. The slidable member 18 is provided with a pair of studs 22 extended through the slot 20, the studs being headed, the inner head of the studs extending beyond the edges of the slot 21 so as to retain the member 18 upon the guide plate. It will be understood that the studs should have sufficient frictional engagement with the guide plate 20 to maintain the member 18 in adjusted positions.

While I have shown a particular structure and specifically shown the arrangement of the component parts constituting the device, I am fully cognizant of the fact that many changes in the form and configuration of the various parts may be made without affecting the efficiency or performance of the device, and I reserve the right to make such changes as I may deem necessary and convenient without departing from the spirit of my invention or the scope of the appended claim.

Having thus described my invention, what I claim and desire to secure by Letters Patent in the United States is:

A device of the character described, comprising an annular ring, a mounting arm, a vertical board, said mounting arm hingedly attached to said board at one end, said ring hingedly attached to said mounting arm at the other end, a horizontal pin, said horizontal pin secured to a support, said support slideably mounted in said board, said pin extending outward from said support whereby said pin is vertically adjustable.

BEN WHITEHOUSE.

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