Sept. 23, 1930. E. B. O'KEEFE 1,776,477

X-RAY EXHIBIT STAND

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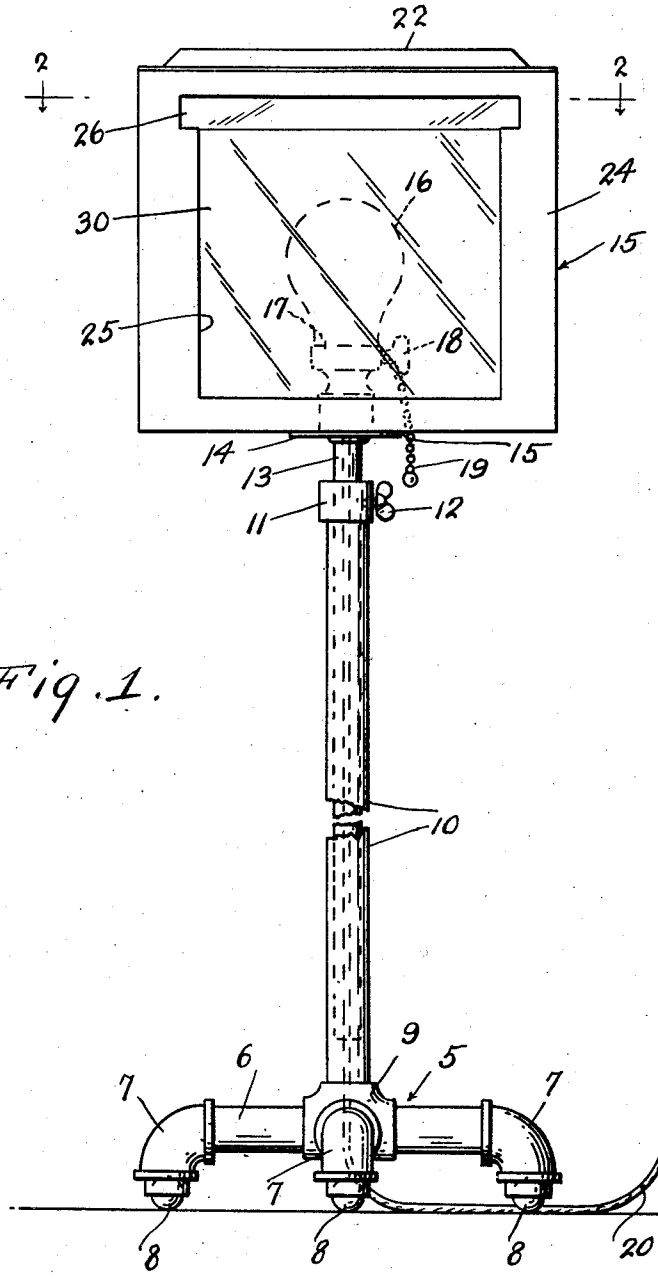


Fig. 1.

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Fig. 2.

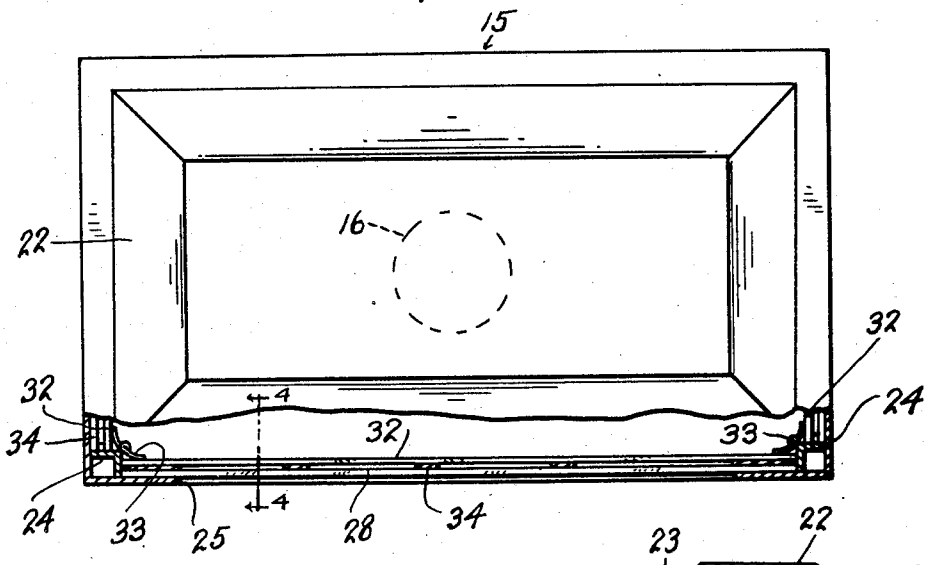


Fig. 3.

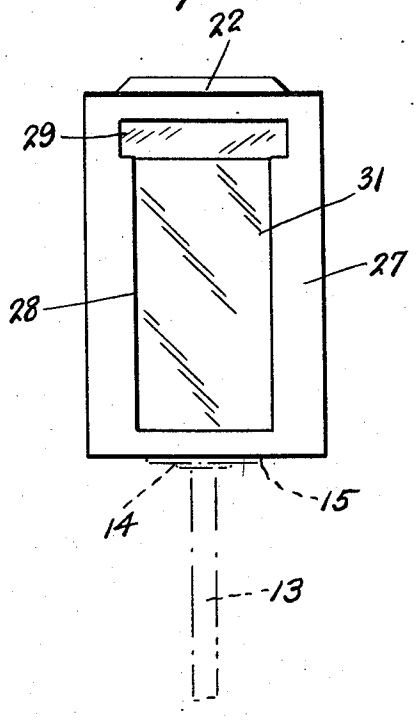
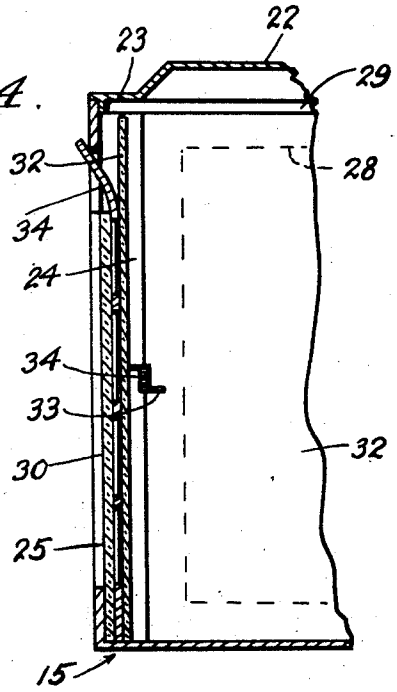


Fig. 4.



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UNITED STATES PATENT OFFICE

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X-RAY EXHIBIT STAND

Application filed April 15, 1929. Serial No. 355,345.

This invention relates to an exhibit stand, and more especially to an exhibit stand which will be found especially useful by doctors, dentists, and others of like profession for exhibiting X-ray pictures, in a convenient and novel manner, whereby the X-ray pictures may be conveniently held in view of the patient, and the physician or dentist, may readily and easily explain the pictures to the patient.

Another very important object of my invention is to provide an X-ray exhibit stand which is adjustable as to height and wherein the exhibit supporting means is rotatably mounted, for conveniently exhibiting the pictures from either side of the supporting means.

Other objects and advantages of the invention will become apparent during a study of the following description taken in connection with the accompanying drawings, wherein:

Figure 1 is a side elevation of my improved X-ray stand.

Figure 2 is a transverse sectional view taken on line 2—2 of Figure 1.

Figure 3 is an end view of the box structure.

Figure 4 is a detail fragmentary sectional view taken on line 4—4 of Figure 2.

With reference more in detail to the drawings it will be seen that my improved X-ray exhibiting stand comprises the base member 5 which as illustrated may comprise a plurality of legs 6 having downwardly turned extremities 7, which extremities may be of hollow construction and adapted to receive spherical rollers 8 whereby the stand may be easily moved or rolled from place to place. As shown the legs 5 have a central connection 9, and from which connection 9 there rises a tubular standard 10. The standard 10 is provided at its upper end with a collar 11 and receives a thumb screw 12 therein. Slidably received within the standard 10 is an elongated hollow supporting member, and therefor with the upper end of which supporting member 13 is associated a disc 14 which provides a supporting base for a box like structure 15. The box like structure 15 is preferably of elongated rectangular construction and is supported on the swivel 14 as at 15. An electric bulb 16 shown in dotted lines in Figure 1 is centrally located within the box like structure 15 and is supported on the upper end of the supporting member 13 by means of the socket 17, which electrical socket 17 is provided with the usual thumb switch 18 and chain switch 19. The electric conductor cord 20 extends from the socket 17 through the hollow supporting member 13 and through the central connection 9 and is equipped on its extremity with the conventional plug attaching means 21.

The box like structure 15 is open at the top thereof, and is further provided with a removable cover for the opening, which cover may be of any suitable shape and is designated by the reference character 22. The cover 22 is preferably provided with a downwardly disposed flange 23 which is spaced inwardly from and extends along the marginal edges of the cover. When the cover is disposed on the box for closing the opening it will be seen that the flange 23 abuts the inner face of the wall of the box adjacent the upper edges of the walls. As is apparent the flanges 23 cooperate with the walls to hold the cover 22 securely in place upon the box. The side walls 24 of the box are each provided with the enlarged opening 25 formed thereon, and the upper ends of the openings 25 terminate in narrow elongated slots 26 which extend beyond the openings 25 at the sides thereof. Likewise the ends 27 of the box are each provided with the enlarged openings 28, which openings similar to the openings 25 terminate at their upper ends in the narrow elongated slot 29 which extends beyond the sides of the openings 28. Interiorly, and at the corners thereof the box is provided with the usual angular shaped reinforcing members 24. Transparent mediums, preferably in the form of panes of clear sheet glass 30 and 31, respectively, are placed in the respective openings 25 and 28, the upper edges of the respective mediums terminating adjacent the lower edge of the slots 26 and 29, respectively. A second pane of glass 32 is also disposed within the respective openings and behind each of the trans-

parent mediums 28 and 25, respectively. The panes 32 are preferably painted white or otherwise rendered opal, and it will be seen, when attention is directed to Figure 4 that the planes 32 completely cover the openings together with the slots formed in the upper ends of the openings. Spring hinges 33 are secured to the supporting members 24 as at 34, and the leaf of the said springs are so disposed as to abut against the rear faces of the panes 32 for holding the panes in position. As shown, the panes, that is the transparent mediums of clear glass and the frosted panes are loosely mounted in the openings with respect to each other so as to receive a print or picture therebetween.

In inserting the picture or the like, such as the X-ray photographic print 34, which may comprise a plurality of X-ray prints, all of which are of the conventional structure, are first inserted through the slots and then forced downwardly between the panes 31 and 32, or the panes 30 and 32, respectively, and it is evident that when the prints are so disposed on the sides and ends of the box, the box may be easily rotated by rotating the member 13 for clearly presenting the prints to the view of the patient.

The incandescent lamp 16 within the box will clearly illuminate the pictures to present a clear presentation of the same to the patient.

From the foregoing description, it will be seen that I have provided an improved exhibit stand, which is especially adapted for exhibiting X-ray pictures, and which is simple in construction, will present a pleasing appearance, which can be easily moved from place to place, and has incorporated therewith suitable illuminating means which can be quickly and easily attached to a wall plug or the like.

While I have herein shown and described certain detail structural features of my invention, it is to be understood that certain changes may be made therein without departing from the spirit of the invention, or the scope of the appended claims.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent is:—

1. In a device of the character described, a movable base, a tubular standard rising from the base, an elongated supporting member slidably received in the standard, means for adjustably supporting said supporting member in the standard, a box like structure rotatably mounted on the supporting member, said box like structure having openings formed in the walls thereof, a pair of spaced panes located in the box like structure adjacent the openings, and adapted to receive X-ray pictures or the like therebetween, one of said panes being transparent, and the other of said panes being opal, and an illuminating device located within the said structure.

2. An X-ray supporting stand comprising a box including side and end walls, each of said side and end walls having an opening formed therein, said walls being further provided with an elongated slot communicating with the opening formed in said walls, spaced panes of glass located in the box adjacent said openings, one of said panes closing the opening in an adjacent wall, and the other of said panes extending beyond one edge of the first mentioned pane for disposition opposite the slot communicating with said openings, said panes adapted to receive therebetween, a member passed through said slots for disposition between said panes whereby said member may be exhibited to view.

3. An X-ray supporting stand comprising a box including side and end walls, each of said side and end walls having an opening formed therein, said walls being further provided with an elongated slot communicating with the opening formed in said walls, spaced panes of glass located in the box adjacent said openings, one of said panes closing the opening in an adjacent wall, and the other of said panes extending beyond one edge of the first mentioned pane for disposition opposite the slot communicating with said openings, said panes adapted to receive therebetween a member passed through said slots for disposition between said panes whereby said member may be exhibited to view, an illuminating device within said box, and a support for said box.

4. An X-ray supporting stand comprising a box including side and end walls, each of said side and end walls having an opening formed therein, said walls being further provided with an elongated slot communicating with the opening formed in said walls, spaced panes of glass located in the box adjacent said openings, one of said panes closing the opening in an adjacent wall, and the other of said panes extending beyond one edge of the first mentioned pane for disposition opposite the slot communicating with said openings, said panes adapted to receive therebetween a member passed through said slots for disposition between said panes whereby said member may be exhibited to view, an illuminating device within said box, and a support for said box, and means for rotatably mounting said box on said support.

In testimony whereof I affix my signature.

EVERETT B. O'KEEFE.