

UNITED STATES PATENT OFFICE

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HANGING OBJECT ANCHOR

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1 Claim. (Cl. 248-29)

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This invention relates to an anchoring device for picture frames or any hanging object attached to a wall or upright.

The purpose of this invention is to provide anchoring means for adjustably retaining the lower parts of picture frames or other objects hanging from a support on the surface of a wall to prevent the frame or other object from swinging sidewise or laterally on the wall, or the like, wherein the position of the frame or other object may be adjusted laterally without removing the anchoring means from the frame or other object.

The object of this invention is to provide an anchoring device for maintaining picture frames and the like in a true, straight position.

Another object of the invention is to provide an anchoring device which will enable a picture frame or the like to be quickly adjusted to true position.

A further object of the invention is to provide an anchoring device which is extremely simple and inexpensive to manufacture.

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

In the accompanying drawings forming a part of this application, and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a vertical section through a wall, showing a picture mounted thereon;

Figure 2 is an enlarged perspective view of the anchoring device according to the present invention;

Figure 3 is a top plan view of the anchoring device of Figure 2 with a nail in engagement with the device;

Figure 4 is a front elevational view of the device of Figure 2;

Figure 5 is a rear elevational view of the device of Figure 2;

Figure 6 is a top plan view of a modified anchoring device;

Figure 7 is a top plan view of another modified anchoring device;

Figure 8 is a front elevational view of a modified anchoring device;

Figure 9 is a top plan view of the anchoring device of Figure 8 with a nail in engagement with the device;

Figure 10 is a side elevational view of another modified anchoring device;

Figure 11 is a horizontal sectional view of still another modified anchoring device;

Figure 12 is a vertical sectional view of still another modified anchoring device.

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Referring in detail to Figures 1 to 5 of the drawings, the numeral 10 designates a wall having a screw 11 therein and a cord 12 is suspended over the screw 11 and is tied to a screw eye 13 which is in engagement with a picture frame 14 to be supported.

The anchoring device of the present invention serves to center the picture frame 14 and steady or anchor the picture frame 14 at all times. The anchoring device is fabricated of suitable material and comprises a rectangular base or casing 15 having its front end corrugated or shaped to define a plurality of vertically-disposed, spaced, parallel, open-ended grooves or sockets 16. The grooves 16 are adapted to receive therein a head 17 of a sharp-pointed pin 18 which is secured to the wall 10. The other end of the casing 15 is flat and carries a covering or coating of soft glue 19 for releasably gripping or engaging the picture frame 14 to steady the latter.

Referring to Figure 6, there is shown a modified anchoring device embodying a casing 20 provided with a plurality of vertically-disposed grooves 21 in one end for receiving therein the headed pin 18. Projecting from the other end of the casing 20 is a pair of spaced, parallel pins 22 which are adapted to be driven into the picture frame 14.

In Figure 7, there is illustrated an anchoring device fabricated of sheet metal and bent to define vertically-disposed grooves 23 in one end, there being a covering of soft glue 24 on the other side for engagement with the picture frame 14.

Referring to Figures 8 and 9, a modified anchoring device is illustrated which comprises a base 25 having a coil of wire 26 secured to one side thereof, the wire 26 being bent to define a plurality of vertically-disposed, spaced, parallel sockets for receiving the headed pin 18 therein. The other side of the base 25 is provided with a covering of soft glue 27 for engagement with the picture frame 14.

In Figure 10, the anchoring device includes a base 28 having soft glue 38 on one side for engagement with the picture frame 14, and secured to the other side of the base 28 is a sponge-like porous mass 29 which is adapted to receive therein the headed end of the pin 18 to hold the picture frame 14 immobile. When the picture frame is to be removed from the wall, the sponge-like mass 29 of the anchoring device can be pulled out of engagement with the pin 18.

In Figure 11, there is shown an anchoring device comprising a base 30 provided on one side with a plurality of vertically-disposed grooves 31

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for the reception of the pin 18, and projecting into the other side of the base 30 is a screw 32 carrying a suction cup 33 which is adapted to be releasably fastened to the picture frame 14.

Referring to Figure 12, there is shown an anchoring device which embodies a base 34 provided with grooves 35 in its front side for receiving the headed pin 18, and secured to the opposite side of the base 34 is a first flat magnet 39 which is adapted to be magnetically held by a second flat magnet 36 that is secured to the picture frame 14 by screws 37.

From the foregoing, it is apparent that an anchoring device has been provided which will maintain the picture frame 14 immobile in a predetermined position. Further, the anchoring device can be easily and quickly moved into and out of position as desired. The quantity of the vertically-disposed grooves in the anchoring device may be varied and the grooves permit the relative position of the picture frame 14 to be adjusted without requiring new holes to be made in the wall 10. In certain instances, as for preventing vertical movement of a picture frame, it may be preferable to provide the anchoring device with horizontally-disposed grooves rather than vertically-disposed grooves.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

In an anchoring device, for a picture frame or any hanging object adapted to be suspended from a wall, means operatively connected to said picture frame or other hanging object for steady-

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ing the latter, said means comprising a headed nail projecting from said wall at a point lower than the point of suspension of the object against the wall, said anchoring device being releasably secured to the bottom of said picture frame or hanging object and to said headed nail, said anchoring device embodying a pair of elongated retaining members spaced apart for a distance greater than the diameter of the body of the nail and less than the diameter of the head of the nail, the said members being arranged substantially parallel with the frame and spaced therefrom, said members being adapted to be engaged with the head of the nail to hold the picture against lateral displacement with relation to its point of suspension, said retaining members defining sockets of arcuate formation therebetween.

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