June 26, 1928. 1,675,282

J. STRAND

ANCHORING DEVICE FOR FRAMED PICTURES AND THE LIKE

Filed Nov. 10, 1926

Fig. 1.

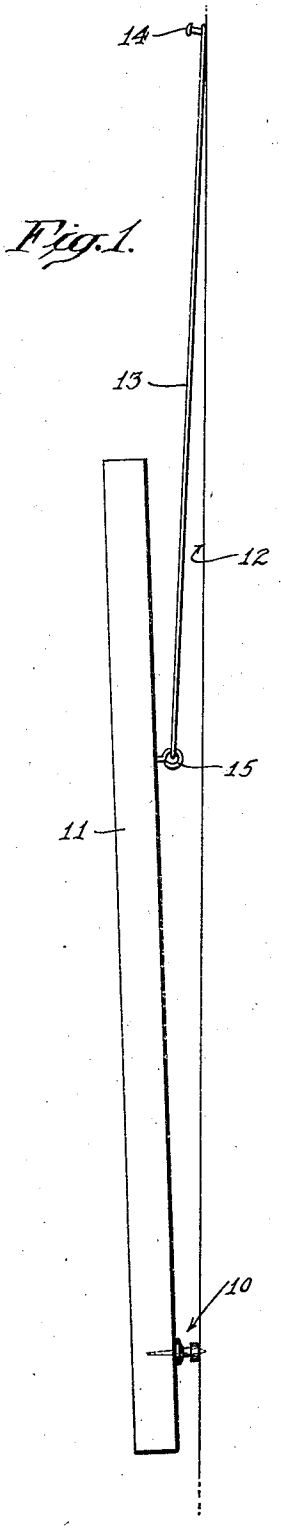


Fig. 2.

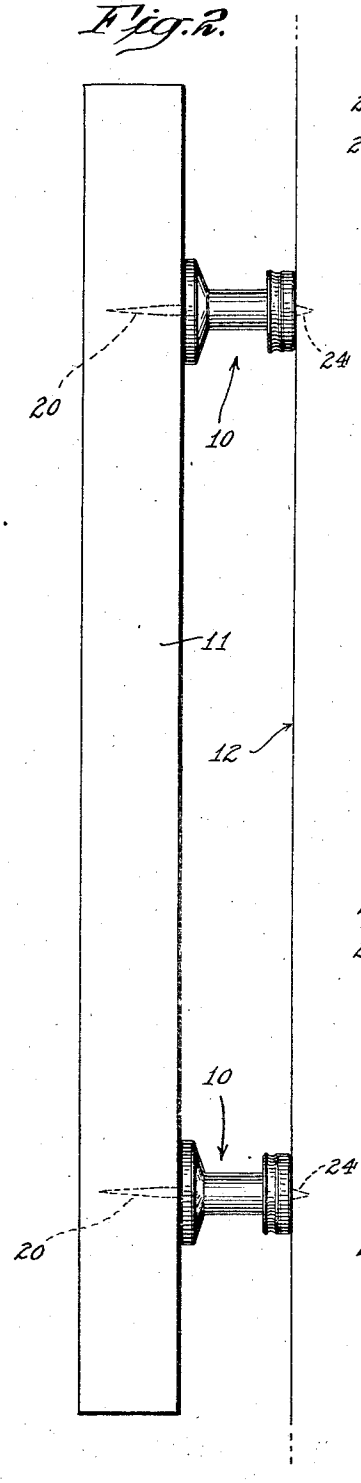


Fig. 3.

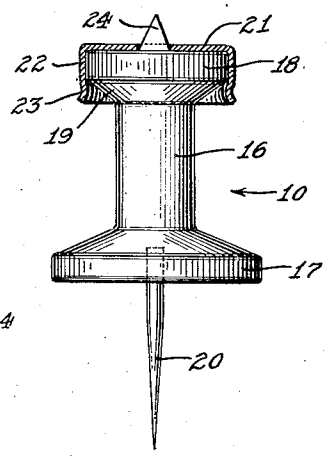
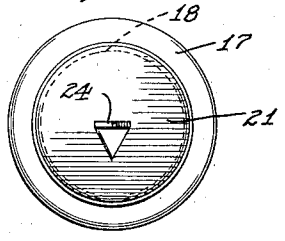


Fig. 4.



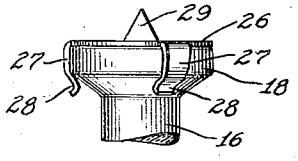
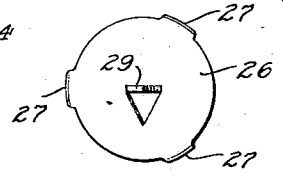


Fig. 5.

Fig. 6.



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UNITED STATES PATENT OFFICE.

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ANCHORING DEVICE FOR FRAMED PICTURES AND THE LIKE.

Application filed November 10, 1926. Serial No. 147,525.

This invention relates to the art of hanging framed pictures, mirrors, signs, and the like, and has particular reference to means for anchoring such suspended articles in desired alinement and in spaced relation to the wall against which the article is suspended.

In hanging pictures and the like, it has been found desirable to maintain the article completely away from the wall against which it is hung, whereby to prevent accumulation of dust and consequent soiling of the wall behind the picture. It is also desirable to anchor the picture to prevent lateral movement of it with reference to the wall. One object of the present invention is to provide an anchoring device which will maintain suspended articles in the desirable positions above pointed out.

Another object is to provide such a device as an accessory for picture frames and the like, it being easily and quickly applicable in combination with other well known forms of fastening elements.

Another object is to provide such a device which will be invisible from the front of the picture, and which will not substantially mar or injure the wall surface.

Another object is to provide such a device which will be simple in construction, strong and durable in service, economical to manufacture, and a substantial improvement in the art.

These and other objects and advantages will be readily apparent from the following description when taken in connection with the accompanying drawings, wherein two embodiments of the invention are shown by way of illustration, and wherein:

Fig. 1 is a side elevation of a suspended picture frame equipped with the improved anchoring means;

Fig. 2 is a bottom plan view thereof;

Fig. 3 is an enlarged detail elevation, partly in section, of one form of anchoring device;

Fig. 4 is a top plan view of the same;

Fig. 5 is a side elevation showing a modified form of the invention; and

Fig. 6 is a top plan view of the modified anchoring member, per se.

In Figs. 1 to 4 inclusive, the improved anchoring device 10 has been applied to a picture frame 11 or the like, which is suspended on a wall 12 by means of a wire or cord 13. The wire 13 may be centrally supported by a nail 14, picture hook or similar device secured in the wall 12, and having its opposite ends attached to screw-eyes 15, in the usual manner, adjacent the side edges of the frame. In most instances it may be desirable to employ two of the anchoring devices 10 with each picture frame, they being spaced apart as shown in Fig. 2 and preferably in horizontal alinement, and spaced inwardly from the side and bottom edges of the frame whereby to be invisible from the front thereof. Each of the anchoring device 10 includes a spacing element for securement to the back of the frame and has a head member extending rearwardly therefrom, and anchoring means associated with said head member.

The spacing element shown in the drawings is a tack of the type commonly referred to as a push pin, and includes a cylindrical body portion 16 having at its inner end an enlarged base or flange 17, and at its outer end an enlarged head portion 18. The outer side of the head portion 18 may be substantially smooth and flat and its inner side is defined by an inclined shoulder 19. Extending inwardly from the base or flange 17 is a pointed shank 20 formed of suitable metal or wire secured in any suitable manner to base 17, and by forcing said shank 20 into the material of the frame 11 it may be firmly secured in place.

The anchoring element has been shown in the drawings as formed of sheet metal, but obviously its salient features may be incorporated in other structures. It includes a cap portion 21, here shown as circular in outline, adapted to overlie the outer end of the head 18 of the spacing element, and provided with a peripheral flange or skirt portion 22. Adjacent its edge the skirt portion 22 is deflected inwardly as at 23 to provide resilient gripping means adapted to be sprung over the head of the spacing element for detachably securing the anchoring element to the spacing element. Extending outwardly from the cap 21 in a direction away from that of the skirt portion 22, is a relatively sharp pointed barb or prong 24, preferably located at the center of the device. The proportions are such that the prong 24 will be capable of piercing and entering the wall 12 as clearly shown in Fig. 2, and will hold the suspended article against lateral displacement without danger

of injury to the wall. When the device is formed from sheet metal, the prong 24 may be integrally formed by deflection of a triangular area from the cap portion 21, or it may be formed of a separate piece of material secured in any suitable manner.

In Figs. 5 and 6 a modified form of the invention has been shown also formed from sheet metal and having a disc shaped cap 26 provided around its edges with a plurality of spaced resilient clips 27, the extremities of which are deflected inwardly at 28 to engage the inner shouldered edge of the head 18 and to hold the anchoring element on the spacing element by springing the clips onto the head of the spacing element. The prong or barb 29 is substantially similar to the barb 24 of the first described embodiment.

It will be evident from the foregoing that an anchoring device in the form of an accessory for suspended articles has been provided, the construction being extremely simple, economical to produce, and easy to apply, and thoroughly practical in every way. When a suspended article, for example, a framed picture, is so equipped, it will be permanently spaced away from the wall, preventing the accumulation of dust behind the picture, and it will be maintained in its desired level condition. Any other well known form of fastening element having a head portion, may be substituted for the push pin, and the invention is susceptible of numerous other modifications. The right is herein reserved to make such changes as fall within the scope of the appended claims without departing from the spirit of the invention.

Having thus described my invention, what I claim is:

1. In combination with a picture frame or the like, a spacing element adapted to be secured to the back of the frame and having a head extending a substanital distance away from the frame, and piercing means detachably carried by and mounted on the head for piercing the wall on which the article is suspended, whereby to take up the thrust of the spacing element and to hold the article against lateral movement.

2. In combination with a picture frame or the like, suspended against a wall, a spacing member having a head extending away from the frame toward the wall and provided with a fastening element for securement to the back of the frame, and detachable anchoring means resiliently held on said head for engaging the wall to hold the frame against lateral movement and in spaced relation to the wall.

3. In combination with a picture frame or the like suspended against a wall, a spacing member having a head extending away from the frame toward the wall and provided with a fastening element for securement to the back of the frame, and an anchoring member detachably held on the head of the spacing member, said anchoring member being provided with a rearwardly extending barb adapted to enter the wall to hold the frame in its proper suspended position.

4. In combination with a picture frame or the like suspended against a wall, a spacing member having a head extending away from the frame toward the wall and provided with a fastening element for securement to the back of the frame, and an anchoring member detachably held on the head of the spacing member, said anchoring member being formed from sheet metal and provided with resilient means for gripping the head of the spacing member and a barb adapted to enter the wall to hold the frame in its proper suspended position.

5. An anchoring device for framed pictures and the like, having a body portion, inwardly extending resilient gripping means adapted to be sprung over a tack head or the like, and an outwardly extending pointed element adapted for anchorage in a wall, and all formed from sheet metal.

6. An anchoring device for framed pictures and the like, formed from sheet metal and having a substantially circular body portion provided at its periphery with resilient means for gripping a tack head or the like when the resilient means are sprung onto the head, and a substantially central prong extending outwardly from the body portion.

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