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PICTURE HANGER

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7 Claims. (Cl. 248—32)

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This invention relates to picture hangers.

Among the objects of the present invention are to provide a simple, economical, strong and durable picture hanger formed in such a manner as to provide means for suspending a flexible cord as to provide means for suspending a flexible cord 5 connected to a picture or other object to be hung, and in such a manner that the cord is wedgingly held, and wherein the picture hanger is provided with integrally formed means for frictionally contacting the shank of a nail for holding the nail 10 assembled to the fastener and for likewise effectively positioning the nail and guiding it so that it will nail with respect to the picture hanger and for guiding its entry into the wall at a predetermined exact angle; to provide a picture hanger formed of an integral blank of sheet metal suitably bent, bumped, slotted and formed, to provide a reinforcing, angularly disposed shoulder provided with a nail receiving aperture and associated guide wall portions adapted to guidingly 20 direct the shank of the nail as the nail is driven into the supporting wall in such a manner as to prevent the breaking of the plaster of the wall and in such a manner as to compel the nail to enter the wall at the correct angle for hanging and supporting the picture hanger relatively to the wall; to provide these and other objects of invention, as will be apparent from a perusal of the following specification when taken in connection with the accompanying drawing, wherein:

Figure 1 is a perspective view of the front of a picture when hung from the wall by my improved picture hanger;

Figure 2 is a perspective view of the hanger;

Figure 3 is a side view taken in cross section; and

Figure 4 is a view of the blank before forming.

Referring now to the drawing in detail, the picture hanger is adapted to be secured to a wall 2 for supporting a picture or other article 4 by means of cords 6 attached as at 8 and 10 to the picture. The hanger itself comprises a preferably sheet metal clip or blank formed in the manner shown in Figure 2 to provide a lower portion 12 suitably slitted as at 14 and 16 to provide an outstanding tongue 18 which at its junction with the body of metal 12 provides a wedging grip for the cord 6. In addition, the upper portion of the sheet metal body of the fastener, to wit that portion opposite the portion 12, is preferably bumped or formed outwardly in a V-shaped bent portion as at 20, the wall portion 22 thereof being formed substantially at right angles to the wall portion 24 of this outwardly bumped portion 20. The

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outwardly bumped portion 20 extends completely across the width of the upper portion 26 of the fastener. Attention is called specifically to the fact that the lower portion 28 of the wall portion 24 is formed at an angle to the portion 24.

In addition, the wall portion 22 of the bumped up portion of the fastener is slit along the lines 30 and 32 to provide a downwardly bent tongue 34 having a free end 36. Bending down of this tongue 34 provides a nail hole 38. The bottom edge 40 of the nail hole thus formed lies flush with the plane of the surface 28 formed by a portion of the bumped up wall 24, and the end portion 36 of the tongue 34 is bent into the planes of the portions 12 and 26 of the fastener in such a manner as to provide a guideway or opening 42 through which the shank of the nail passes. The edge 36 of the tongue 34 is adapted frictionally to grip the shank of the nail directly opposite the guiding wall portion 28 formed on the underside of the outwardly bumped fastener portion 20. By means of this construction the wall portion 28 and the sharp edge 36 of the tongue 34 are adapted frictionally to engage the shank of the nail to hold it in assembled relation to the fastener for packaging and for holding the same in position when the nail is being driven into the wall as the bracket is positioned flat against the side of the wall, and furthermore this wall guiding portion 28 of the nail is preferably formed by slightly bumping the metal of the fastener as at 44 in a direction transversely of the bumped up portion 20 to form a relatively shallow, substantially triangular guide 46 in the rear face of the fastener, and into which groove the shank of the nail passes as shown by the dotted line 50 in Figure 3. The lower edge 36 of the tongue is just opposite this groove and frictionally cooperates therewith to grip the shank of the nail not only to effect the assembly of the nail to the fastener, but to guide the nail at the proper angle formed by the wall portion 28 so that it enters the wall at the angle shown in Figure 3. Thus the lower edge 40 of the slitted portion 30—32 formed for the tongue, the groove 50, and the lower edge 36 of the tongue form three contacting wall portions of the fastener for guiding the shank of the nail into the wall, and in addition likewise hold the shank of the nail assembled at the proper angle to the fastener for packaging and for positioning the nail relatively to the fastener for driving into the wall.

It will also be seen that by reason of the position of the walls 22 and 24 of the bumped out portion 20, great ruggedness and strength is

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given to the fastener as a means for mounting the nail and permitting it to be driven into the wall and for holding the fastener in the wall and for carrying the weight of the picture hung from the slitted tongue 18 therebelow.

Obviously the invention is not limited to the specific details of construction disclosed herein but is capable of other modifications and changes without departing from the spirit and scope of the appended claims.

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

1. A picture hanger comprising a fastener of relatively flat sheet metal of a single and uniform thickness throughout, said fastener being formed adjacent one end with means for suspending the cord of a picture to be hung, a part of the fastener spaced from said means being bumped or formed outwardly transversely of its length in angular formation, the fastener on either side of the bumped out portion presenting flat surfaces in a common plane, one of the inner walls of the substantially V-shaped bumped out portion providing a nail shank guiding surface, the other angularly disposed wall of the V-shaped bumped out portion being slitted to provide a free tongue and a nail receiving slot or hole, one end of the slot lying substantially in the plane of the nail guiding surface, and the edge of the free tongue being bent downwardly into substantially the same plane as the common plane of the flat portions with its edge lying opposite the aforesaid wall guiding surface, and spaced therefrom a distance slightly less than the shank of the nail received through the nail opening whereby the shank of said nail is supported first by one end of the nail slot and by the nail guiding surface and by the oppositely located edge of the free tongue, said nail contacting portions of the fastener serving as guides for guiding the nail at the proper angle into the wall.

2. A picture hanger comprising a blank of sheet metal having its opposed flat surfaces formed in a common plane, said blank being provided with means for hanging a cord therefrom, the blank intermediate its ends and removed from said cord-hanging portion being bumped outwardly to provide a substantially hollow portion the walls of which are of single thickness, that outwardly bumped wall of the hollow portion nearer the adjacent end of the fastener being formed with a slot and a tongue, the inner end of the slot being substantially at the intermediate part of the bumped out portion, said slot forming a nail receiving hole and the other wall of the bumped out portion at its inner side being formed with an inwardly formed groove the wall of which lies flush with the edge of the nail hole, whereby said edge of the nail hole and said groove form spaced guides for the shank of the nail, the free end of the tongue being bent into position such that it lies opposite said groove and grippingly engages the shank of the nail.

3. A picture hanger comprising an elongated blank of sheet metal having opposed flat surfaces formed in a common plane, the metal adjacent one end being provided with means for holding a picture to be hung and the metal opposite the other end being provided with an outwardly bumped portion formed of a single thickness of metal, one of the angular walls of the bumped out portion being slitted to provide a nail hole and the end of the slot forming a free tongue acting as a nail guide, the free tongue being bent

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inwardly to form with a portion of the other wall of the outwardly bumped portion, gripping means for gripping the shank of the nail to hold the nail assembled to the fastener.

4. A picture hanger comprising a blank of sheet metal having means for supporting a cord therefrom, said sheet metal being cut to provide a slot forming a free tongue, said slot forming a shank nail guiding portion, the edge of the free tongue being bent in opposition to the shank nail guiding portion a sufficient distance apart to grip the shank of the nail to hold the nail to the fastener.

5. A picture hanger comprising a sheet metal blank having flat ends lying in a common plane whereby to be positioned against the flat surface of a wall, said hanger having means to receive the cord of a picture to be hung, said blank being bumped outwardly to provide a hollow, substantially V-shaped, transversely extending, bumped out portion, one of the angularly disposed walls of the bumped out portion being formed on its interior surface with a nail guiding surface and the other wall of the bumped out portion being slotted to provide a nail hole, the slot forming a free tongue, the free tongue being bent inwardly in spaced relation to the nail guiding surface slightly less than the diameter of the shank of the nail for frictionally gripping the nail to hold it assembled to the fastener.

6. A sheet metal picture hanger comprising a blank having its opposed ends flat and lying in substantially the same plane and formed of uniform thickness, one of the ends having means to support a flexible cord or the like, the blank remote from said means being bumped outwardly to provide a hollow rigidifying portion of single thickness, the inner walls of which are angularly disposed to form with the plane of the base a sort of triangular shaped hollow portion in cross section, that wall of said hollow portion more remote from the free cord supporting means being slitted to provide a free tongue and a slot, the end of the slot being disposed substantially at the apex of the angularly disposed wall portions thus to provide a nail hole, the opposite wall of the bumped out portion having a nail shank guiding wall portion disposed substantially flush with the edge of the nail slot, and being grooved on its underside to receive and guide the shank of the nail, said free tongue being bent inwardly in spaced relation from said groove to provide a nail shank guiding and gripping portion in conjunction with the end of the nail slot.

7. A picture hanger comprising a blank of sheet metal formed of a single thickness of metal and having its opposed ends lying in a common plane, the blank being provided with means to hang a cord, the blank being bumped outwardly of said common plane and transversely of its width to provide a substantially hollow inverted V-shaped portion, that wall of the hollow V-shaped portion nearest the cord hanging means being bumped centrally and transversely of the length of said wall to provide a relatively shallow groove on the interior portion of the wall adjacent its junction with the flat undersurface of the fastener, the other wall of the substantially V-shaped, bumped out portion being slitted centrally and in a direction transversely of its width to provide a slot forming a free tongue, the slot being disposed at the apex of the bumped out portion and the edge of the slot lying in the plane of the grooved portion whereby to provide spaced

apart guiding surfaces for the shank of the nail to hold the nail at the proper angle with respect to the plane of the fastener, the free tongue of said second formed side of the bumped out portion being bent downwardly substantially in the plane of the ends of the blank so that its edge lies opposite the guiding groove formed on the undersurface of the bumped out portion, whereby the adjacent edge of the free tongue and said guiding groove are adapted to grip the shank of the nail.

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