

G. JOHNSON.
 PICTURE HANGER.
 APPLICATION FILED JAN. 22, 1910.

961,616.

Patented June 14, 1910.

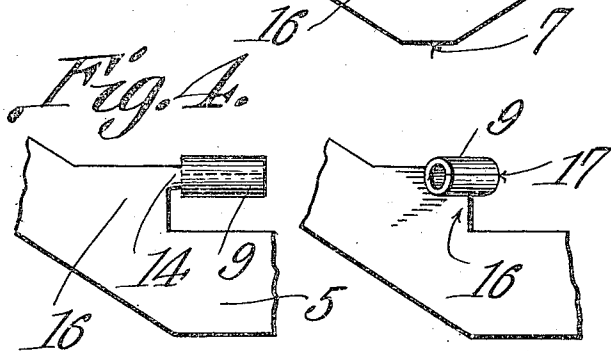
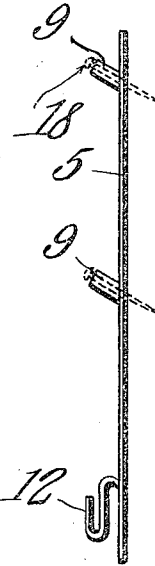
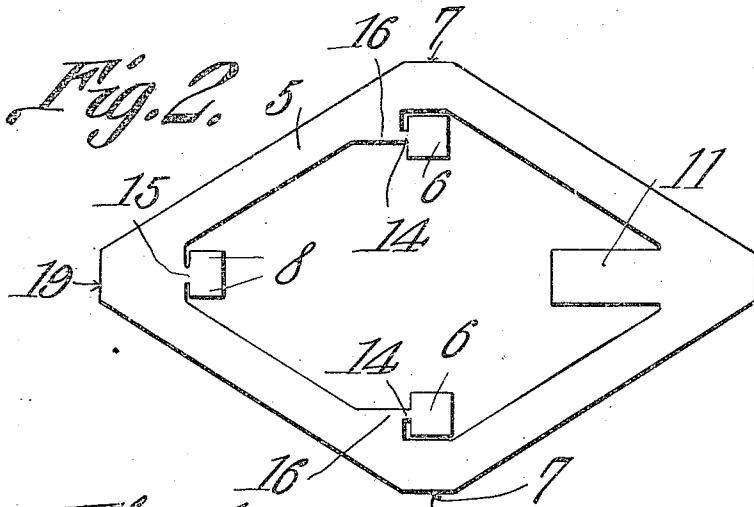
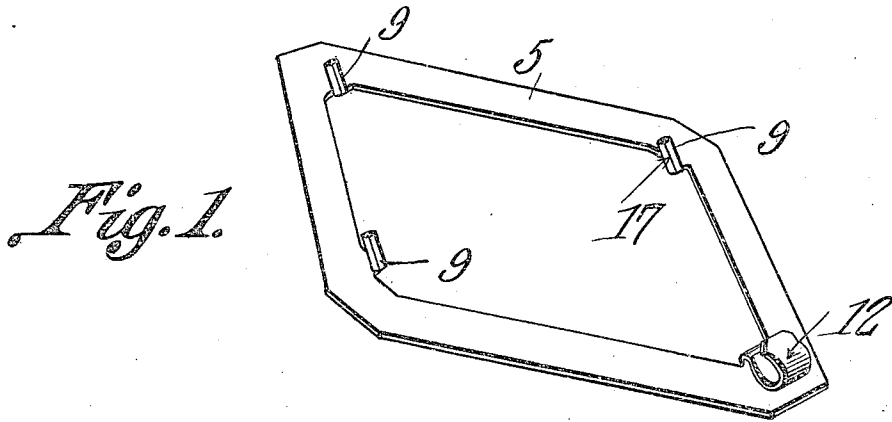


Fig. 3.

Fig. 5. *Gunnar Johnson.* Inventor

Witnesses

E. J. Lamb
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UNITED STATES PATENT OFFICE.

GUNNAR JOHNSON, OF NEW YORK, N. Y.

PICTURE-HANGER.

961,616.

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To all whom it may concern:

Be it known that I, GUNNAR JOHNSON, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented a new and useful Picture-Hanger, of which the following is a specification.

It is the object of this invention to provide, in a merchantable and inexpensive form, a picture hanger, which may be fashioned, by a simple mechanical operation, out of a single blank of material, preferably metal.

Another object of the invention is to provide a blank for the formation of picture hangers, having arms of such shapes and so disposed upon the blank, that they may be fashioned into inclined tubes for the reception of a supporting nail or the like.

Another object of the invention is to provide a blank for the formation of picture hangers, so constructed that it may be easily manipulated to form a plurality of nail-receiving elements, whereby the device may be supported upon the wall, and to provide a suspension device, whereby the picture may be supported upon the hanger.

With the above and other objects in view, the invention consists in the novel construction and arrangement of parts hereinafter described, delineated in the drawings, and specifically claimed, it being understood, that, within the scope of what hereinafter thus is claimed, divers changes in the form, proportions, size, and minor details of the structure may be made, without departing from the spirit of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings.

In the accompanying drawings,—Figure 1 is a perspective, showing in its completed form, the picture hanger of my invention; Fig. 2 is a plan of the blank from which the picture hanger is formed; Fig. 3 is an edge elevation of the completed device shown in Fig. 1; Fig. 4 is a fragmental plan, illustrating one step in the manufacture of the tubular elements which constitute the nail-receiving portions of the device; and Fig. 5 is a similar view showing the final step in the process of manufacture.

In carrying out my invention, I provide, as a fundamental element, an open frame, denoted in the drawings by the numeral 5.

This frame 5 is quadrangular in outline, and, preferably, as shown, is diamond-shaped.

Located in the obtuse angles 7 of the frame, and at one of the acute angles 19 thereof, are T-shaped arms, formed integrally with the frame 5 and projecting into the interior of the frame, from the inner edge thereof. The shanks of the T-shaped arms are denoted by the numerals 14 and 15, the heads of the arms being denoted by the numeral 6. The shank 15 of the arm which is located in the acute angle of the frame, at one end of the frame, is united directly with the frame proper, the shanks 14 of the arms which are located in the obtuse angles of the frame, being connected with extensions 16, which outstand from the frame-proper, into the interior thereof.

One of the acute angles 19 of the frame is provided, as hereinbefore set forth, with one of the T-shaped arms. At the opposite acute angle of the frame, there is a straight, inwardly projecting, integrally formed arm 11, adapted to be bent to form the hook 12, shown most clearly in Figs. 1 and 3.

The opposite lateral edges of the heads 6 are first bent downwardly, until they meet along the line dotted in Fig. 4 and denoted by the numeral 17 in Fig. 5. This operation is outlined most clearly in Fig. 4. Subsequently, the tubes 9 which are fashioned by the hereinbefore described bending operation, are made to assume, as shown in Fig. 5, a common, acute inclination with respect to the plane of the frame 5. Obviously, the heads 6 furnish a means for the formation of the tubes 9, while the reduced shanks 14 and 15 bend sufficiently to permit the tubes thus formed being disposed in the inclined positions shown in Fig. 1. Nails 18, or the like may be inserted into the tubes 9 to secure the device to the wall, the picture being suspended from the hook 12. Owing to the inclination of the tubes 9 the weight of the picture upon the hook 12 will cause the frame to lie close against the wall.

By referring to Fig. 1 of the drawings, it will be seen that in the completed device, the lines 17, defining the meeting edges of the heads 6, are disposed upon the lower sides of the tubes 9. By this construction, there is no chance for the supporting nails 18 being pulled out of the tubes 9 along the lines 17.

From the foregoing it will be seen that I have provided a picture hanger which may be fashioned out of a single piece of metal

at trifling cost, the resulting device being thoroughly efficient to exercise the functions commonly imposed upon structures of this class.

5 Having thus described the invention, what is claimed is:—

1. A picture hanging device consisting of an open, quadrangular frame having integrally formed tubes at three of its corners, inclined in a common direction, and an integrally formed suspension device at the other corner.

10 2. A blank for the formation of picture hangers, consisting of an open frame having
15 inwardly projecting, integrally formed, T-shaped arms along its inner edge.

3. A blank for the formation of picture hangers, consisting of an open frame having inwardly projecting, integrally formed, T-shaped arms, oppositely disposed upon its inner edge, intermediate its ends; an inwardly projecting, integrally formed, T-shaped arm upon its inner edge at one end; and an inwardly projecting, integrally formed arm at its opposite end.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GUNNAR JOHNSON.

Witnesses:

WILLIAM STOLTS,
PETER ERVALL.