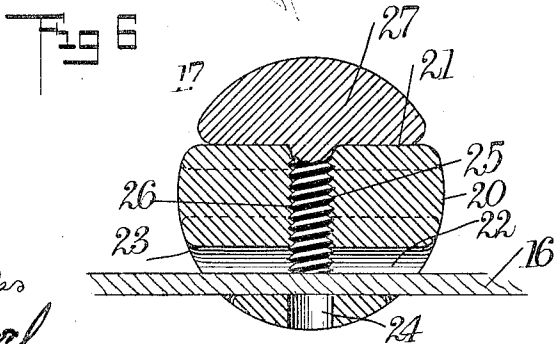
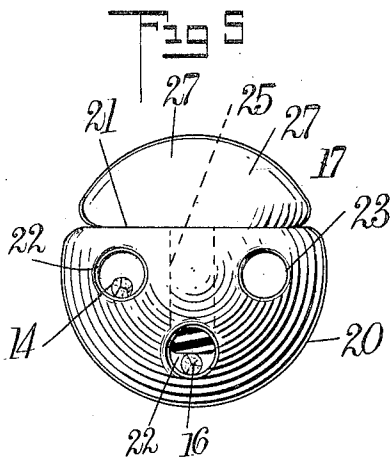
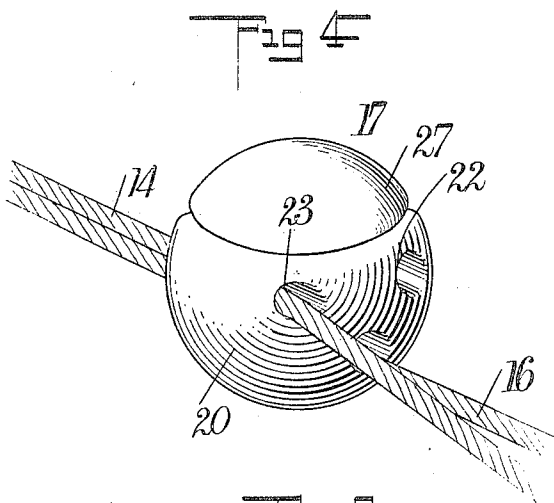
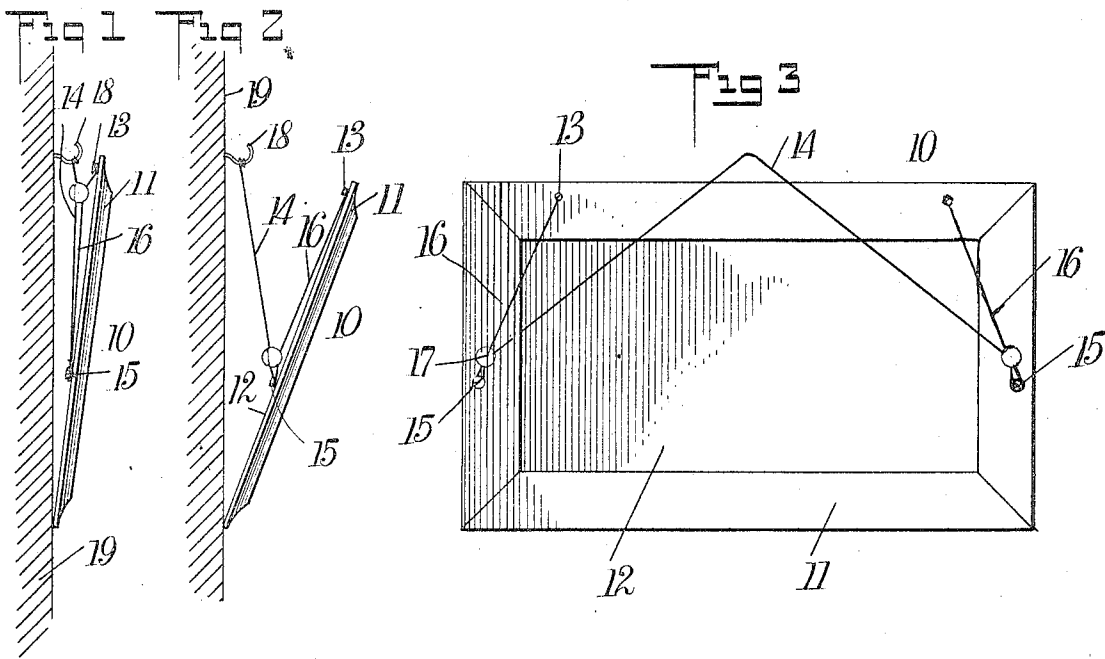


J. HUBER.
CLAMPING DEVICE.
APPLICATION FILED AUG. 11, 1911.

1,057,484.

Patented Apr. 1, 1913.



WITNESSES

WITNESSES
Sidney Brooks

John K. Brachvogel

INVENTOR

INVENTOR
Joseph Huber

BY *Mum Co*
ATTORNEYS

UNITED STATES PATENT OFFICE.

JOSEPH HUBER, OF SAGINAW, MICHIGAN.

CLAMPING DEVICE.

1,057,484.

Specification of Letters Patent.

Patented Apr. 1, 1913.

Application filed August 11, 1911. Serial No. 643,488.

To all whom it may concern:

Be it known that I, JOSEPH HUBER, a citizen of the United States, and a resident of Saginaw, in the county of Saginaw and State of Michigan, have invented a new and Improved Clamping Device, of which the following is a full, clear, and exact description.

This invention relates to clamping devices for use in hanging pictures or other articles, and has reference more particularly to the combination with a picture wire or other flexible member adapted to be attached to the picture or other article to be hung, of a clamping device by means of which the effective attachment between the picture and the flexible member can be varied to vary correspondingly the angularity with the horizontal, of the article when it is hung.

The object of the invention is to provide a simple, inexpensive and durable clamping device which can be used with ordinary picture wire or any other flexible member for hanging pictures or other articles from moldings or other suitable supports, which permits the effective length of the wire to be adjusted as necessary, which furthermore, permits the angularity with which the picture rests against the wall or other support upon which it is hung to be varied as desired, which can be manipulated with ease and rapidity, which can be inexpensively produced, and which will not mar or injure the wall or the picture.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claim.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a side elevation showing an embodiment of my invention applied to a picture, for hanging the same from a hook upon a wall; Fig. 2 is a similar view showing a picture in a position of different angularity; Fig. 3 is a rear elevation of a picture having an embodiment of my invention applied thereto; Fig. 4 is a perspective view showing the clamping device which I employ; Fig. 5 is a front elevation of the clamping device; and Fig. 6 is a transverse section of the clamping device.

Before proceeding to a more detailed ex-

planation of my invention, it should be clearly understood that while I have illustrated the device as applied to a picture and picture frame, it can also be advantageously employed for hanging other articles, or for other analogous purposes.

Certain of the details of construction shown for example herewith, form no part of the invention and can be varied in accordance with individual preference and special condition, without deviating from the essence of the invention as defined in the appended claim.

Referring more particularly to the drawings, I have shown for example, a picture 10 having the usual ornamental frame 11 which includes the back 12. Attached to the back of the frame, near the upper edge thereof, by means of screws 13, eyelets, staples, or any other suitable means, is a flexible member 14 which preferably consists of the usual picture wire. The frame of the picture, at the sides, and somewhat below the center, has additional screws 15. The necessary length of the wire is first determined, and the superfluous amount of the same is wound upon the screws 15, so that in effect, the runs or lengths 16 of the wire between the screws 13 and 15 are elongated members mounted at the back of the picture. These elongated members have clamping devices 17 adjustably mounted thereon, which will be described hereinafter. The loop or length of the wire between the screws 15, is used to hang the picture from the picture hook 18 or other suitable support, to permit the picture to depend in the usual manner against a wall 19.

The clamping device 17 comprises a body 20 of substantially spherical curvature, and having a flat face 21. Three openings 22, which are approximately parallel, are provided in the body of the member, and have beveled outer edges 23 so that the runs of the flexible member which pass through these openings will not be injured by sharp edges. The body has a further opening or bore 24 through it, which extends transversely of the openings 22, and has a portion 25 threaded, which receives the correspondingly threaded stem 26 of a set screw having a head 27. The under side of the head is flat and seats upon the face 21 of the body. The opening 25 intersects the lower opening or bore 22, so that the end of the threaded stem can be screwed

tightly against the flexible member extending through the opening 22 in question, to clamp the device securely at any desired point of the flexible member. The
5 edges of the set screw and of the body at the face 21 are rounded or beveled, as is shown in Fig. 5, so that the head, which is of spherical curvature and complementary to the body, can readily be screwed or un-
10 screwed manually.

A clamping device is movably mounted upon each run 16 of the flexible member, which is received in the lower opening 22. The other run of the flexible member, that
15 is, the length by means of which the picture is hung, is received in one or the other of the upper openings 22. It will be understood that each clamping device can be used at either side of the picture frame. If
20 the picture is to be hung at a considerable angle, as is shown in Fig. 2, the clamping devices are arranged near the lower ends of the runs 16. On the other hand, if the picture is to be hung at a more acute angle,
25 or nearly parallel to the wall, the arrangement is that shown in Fig. 1. Intermediate positions of the clamping devices permit the arrangement of the picture at more or less acute angles.

30 By extending the opening or bore 24 all the way through the body and intersecting the opening 22, the wire can be securely

clamped by means of the set screw against the edges of the opening 24, as is shown in Fig. 6. 35

The general effect of the clamping device is spherical, and its smooth and round surface will not tend to injure either the wall or the picture frame.

The clamping device is preferably formed 40 from metal of sufficient hardness, and may be of different sizes to suit various uses.

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

45 A clamping device having a body of substantially spherical curvature and provided with a flat face, said body having a plurality of openings therethrough and a further opening disposed transversely of
50 said first openings and intersecting only one of the same, said further opening having a threaded portion, and a set screw mounted in said threaded portion of said
opening and having a head adapted to seat 55 at said flat face of said body, said head being of spherical curvature.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH HUBER.

Witnesses:

ANTON DEISLER,
P. P. HALLER.