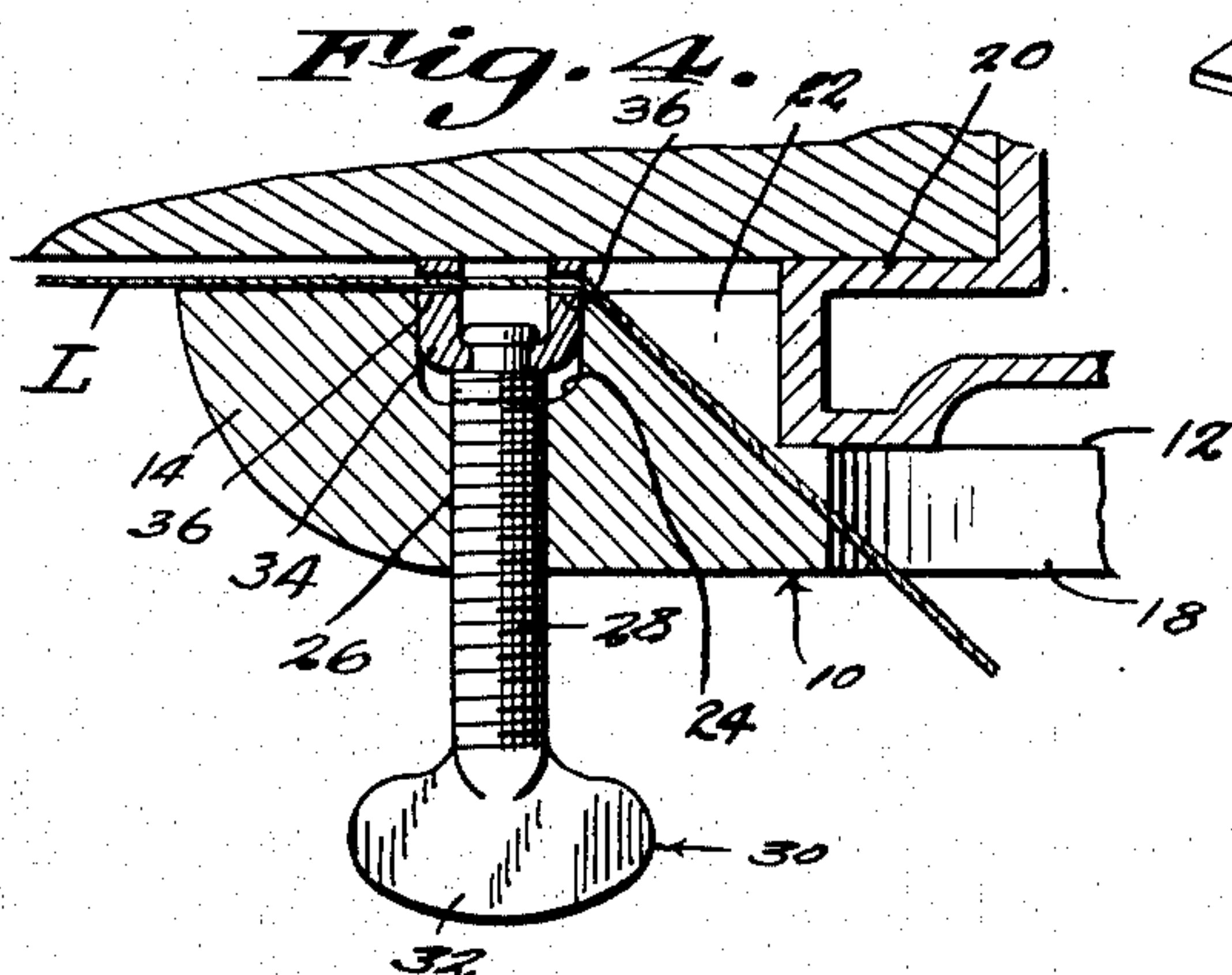
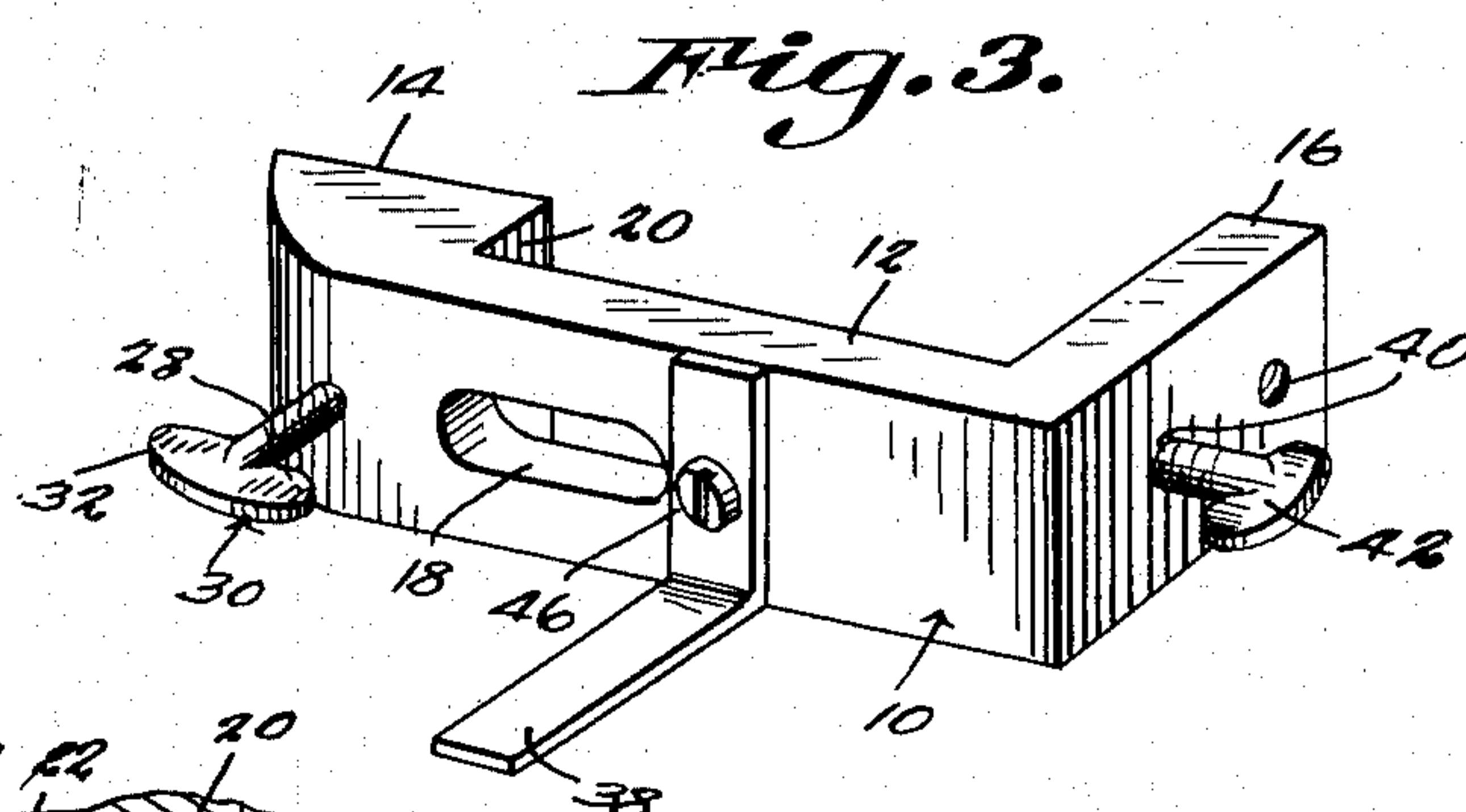
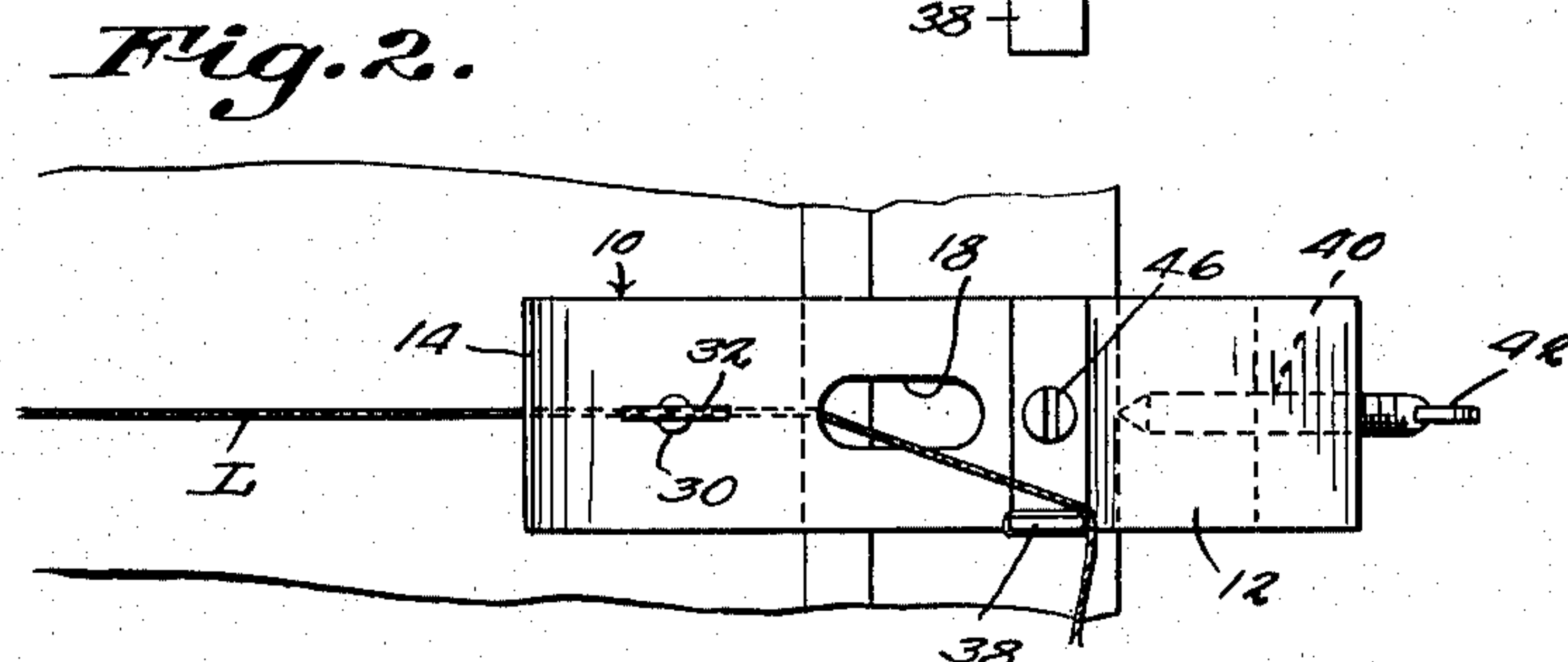
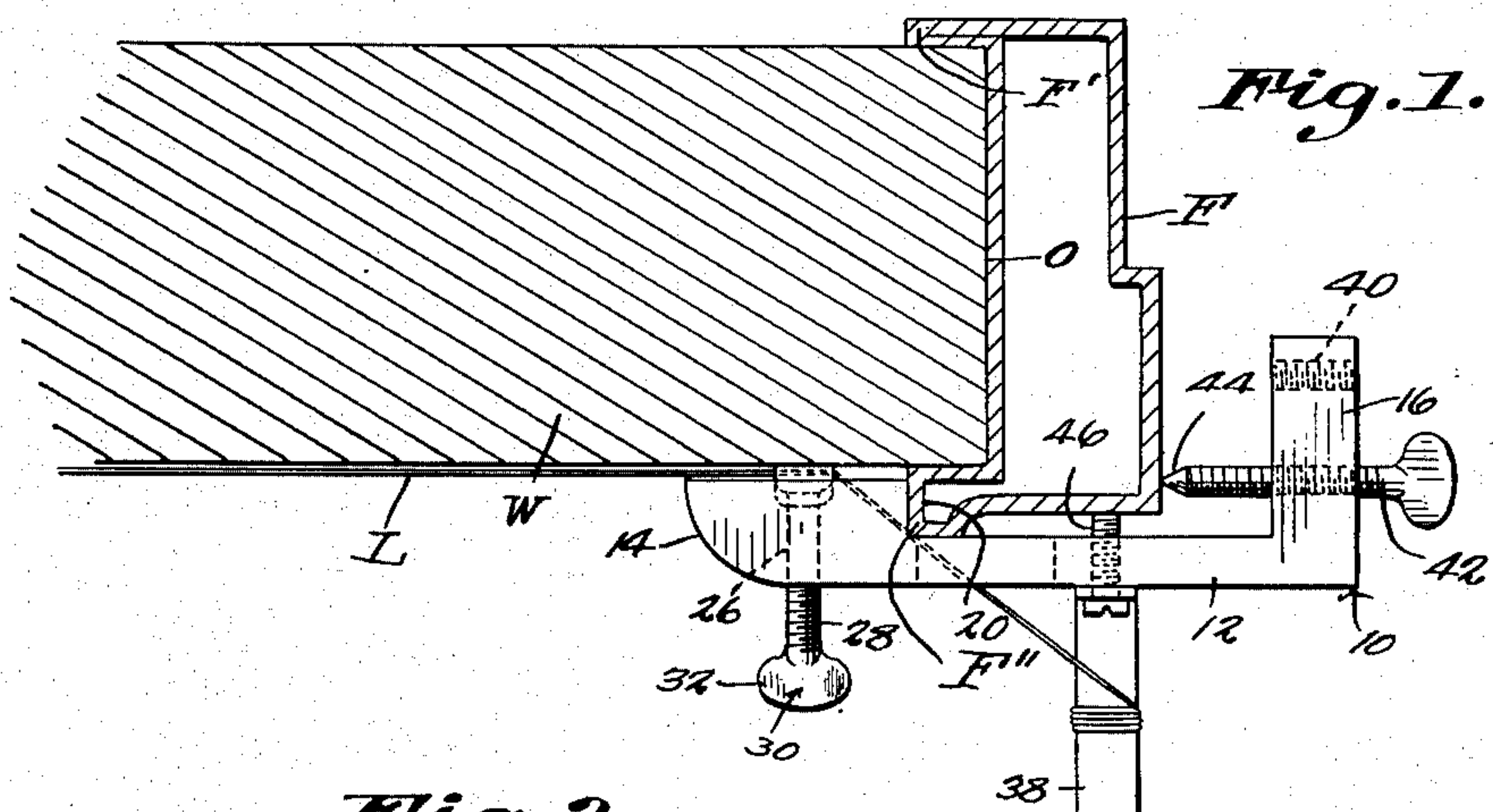


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GUIDELINE HOLDER

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GUIDELINE HOLDER

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2 Claims. (Cl. 33-85)

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This invention relates to a guide line holder of the type disclosed in my co-pending application filed June 30, 1950, Serial No. 171,428, now Patent No. 2,611,963.

The primary object of the invention is to support a guide line such as is commonly employed by masons when laying tile or brick in a wall.

Another object is to hold the guide line taut so that a course of brick or like building units may be properly laid in a wall so that their exposed faces will lie true and plumb in the finished wall.

A further object is to facilitate the laying of the tile in a wall in which a door buck or frame is supported and to utilize the frame as the guide for the guide line holder.

The above and other objects may be attained by employing this invention which embodies among its features a guide line holder adapted to be supported adjacent a wall, said holder comprising an elongated body of substantially rectangular cross section having an elongated longitudinally extending opening extending there-through intermediate the ends thereof, a pad carried by the body and projecting laterally therefrom adjacent one end thereof, said pad having a longitudinal groove extending through the face thereof remote from the body and communicating with the opening adjacent one end thereof, an arm carried by the body and projecting laterally therefrom in spaced parallel relation to the pad, and a line anchor carried by the body and projecting laterally from the side thereof remote from the pad.

Other features include an adjustable line guide carried by the pad and extending through the groove for holding a line passing through the groove in selected positions relative to the pad, and means carried by the arm and cooperating with the pad in clamping the holder on the frame member of an opening in the wall.

Referring to the drawings,

Fig. 1 is a horizontal sectional view through a wall showing a frame member mounted therein and this improved line holder clamped thereon,

Fig. 2 is a fragmentary side view of Fig. 1,

Fig. 3 is a perspective view of the line holder, and

Fig. 4 is an enlarged detail sectional view through a portion of the line holder and a portion of the wall and frame showing the adjustable line guide projected slightly beyond the pad.

Referring to the drawings in detail, a wall W having a framed opening O has supported against one portion of the opening O a frame member

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designated generally F. The frame member is provided adjacent opposite longitudinal side edges with parallel flanges F' and F'' which project outwardly from the opposite sides of the wall W as will be readily understood upon reference to the drawings. This improved line holder designated generally 10 comprises an elongated substantially rectangular body 12 carrying adjacent one end a laterally projecting pad 14 and adjacent its opposite end a laterally projecting arm 16 which lies opposite and parallel with the pad 14. Formed in the body intermediate its ends is an elongated longitudinally extending opening 18 one end of which terminates adjacent the inner face 20 of the pad 14, and formed in the pad and communicating with the opening 18 is a groove 22, the bottom wall of which slopes inwardly from a point intermediate the ends of the pad to a point intermediate opposite sides of the elongated body 12, as will be readily understood upon reference to Fig. 4. Opening into the pad adjacent the groove 22 is a relatively large recess 24 and extending through the pad and communicating with the recess is an internally screw threaded opening 26.

Extending through and threadedly engaging the threaded opening 26 is the threaded stem 28 of a thumb screw 30 carrying at one end a thumb piece 32 and at its opposite end a swivelly connected line guide 34 of substantially U-shaped construction and having formed in the arms thereof remote from the stem 28 line receiving openings 36. The line guide 34 slidably enters the recess 24 so that by turning the thumb screw 30, the line guide 34 may be moved inwardly and outwardly of the recess 24 as will be readily understood upon reference to the drawings. Carried by and extending outwardly from the body 12 on the side thereof remote from the pad 14 and arm 16 and adjacent the end of the opening 18 remote from the pad 14 is a line anchor 38 to which a line passing through the line guide 34, the groove 22 and opening 18 is anchored as suggested in Fig. 1.

Formed in the arm 16 and extending in parallel relation to the body 12 are spaced parallel internally screw threaded openings 40 in which an adjusting screw 42 is selectively engaged. The shank of the screw 42 is provided with a pointed end 44 which as illustrated in Fig. 1 is adapted to engage the frame F to adjustably clamp the device in place on the frame between the point of the screw and the end wall 20 of the pad 14. In order to properly align the line holder with the wall W the set screw 46 extends through and

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threadedly engages the body 12 for engagement with the frame F as shown in Fig. 1.

In use the line holder is clamped as illustrated in Fig. 1 against a frame F framing an opening in the wall W with a line L passed through the openings 36 in the line holder 34 and anchored as illustrated in Figs. 1 and 2 to the line anchor 38. With the device clamped in place, it is obvious that by turning the screw 30, the line guide 34 may be moved inwardly or outwardly relative to the recess 24 in the pad 14 in order to support the line in the desired position for guiding the laying of a tier of building units in place in the wall. Obviously with one line holder in the position illustrated in Fig. 1 a similar line holder may be mounted on the wall and clamped to the frame F with its pad engaging the flange F' of the frame F. In this way the laying of the units on opposite sides of the wall may progress and the line holders moved according to the desires of the user.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

What is claimed is:

1. A guide line holder comprising an elongated body of substantially rectangular cross section, said body having an elongated longitudinally extending opening extending therethrough intermediate the ends thereof, a pad carried by the body and projecting laterally therefrom adjacent one end thereof, said pad having a longitudinal groove extending therethrough and communicating with the opening adjacent one end thereof, an arm carried by the body and projecting laterally therefrom in spaced parallel relation to the pad, a line anchor carried by the

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body and projecting laterally from the side thereof remote from the pad, and a line guide carried by the pad and extending into the groove for engaging a line passing through said groove and holding said line in spaced relation to the pad.

2. A guide line holder comprising an elongated body of substantially rectangular cross section, said body having an elongated longitudinally extending opening extending therethrough intermediate the ends thereof, a pad carried by the body and projecting laterally therefrom adjacent one end thereof, said pad having a longitudinal groove extending therethrough and communicating with the opening adjacent one end thereof, an arm carried by the body and projecting laterally therefrom in spaced parallel relation to the pad, a line anchor carried by the body and projecting laterally from the side thereof remote from the pad, said pad having a recess opening thereinto through the side thereof having the groove therein, a substantially U-shaped guide having aligned openings extending therethrough which align with the groove for the reception of a line extending through the groove, and a thumb screw extending through and threadedly engaging the pad and swivelly connected to the line guide for moving said guide and holding the line extending therethrough in spaced relation to the pad.

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