

(No Model.)

A. N. HEINE & G. A. NONWEILER.
TABLE.

No. 604,322.

Patented May 17, 1898.

Fig. 1

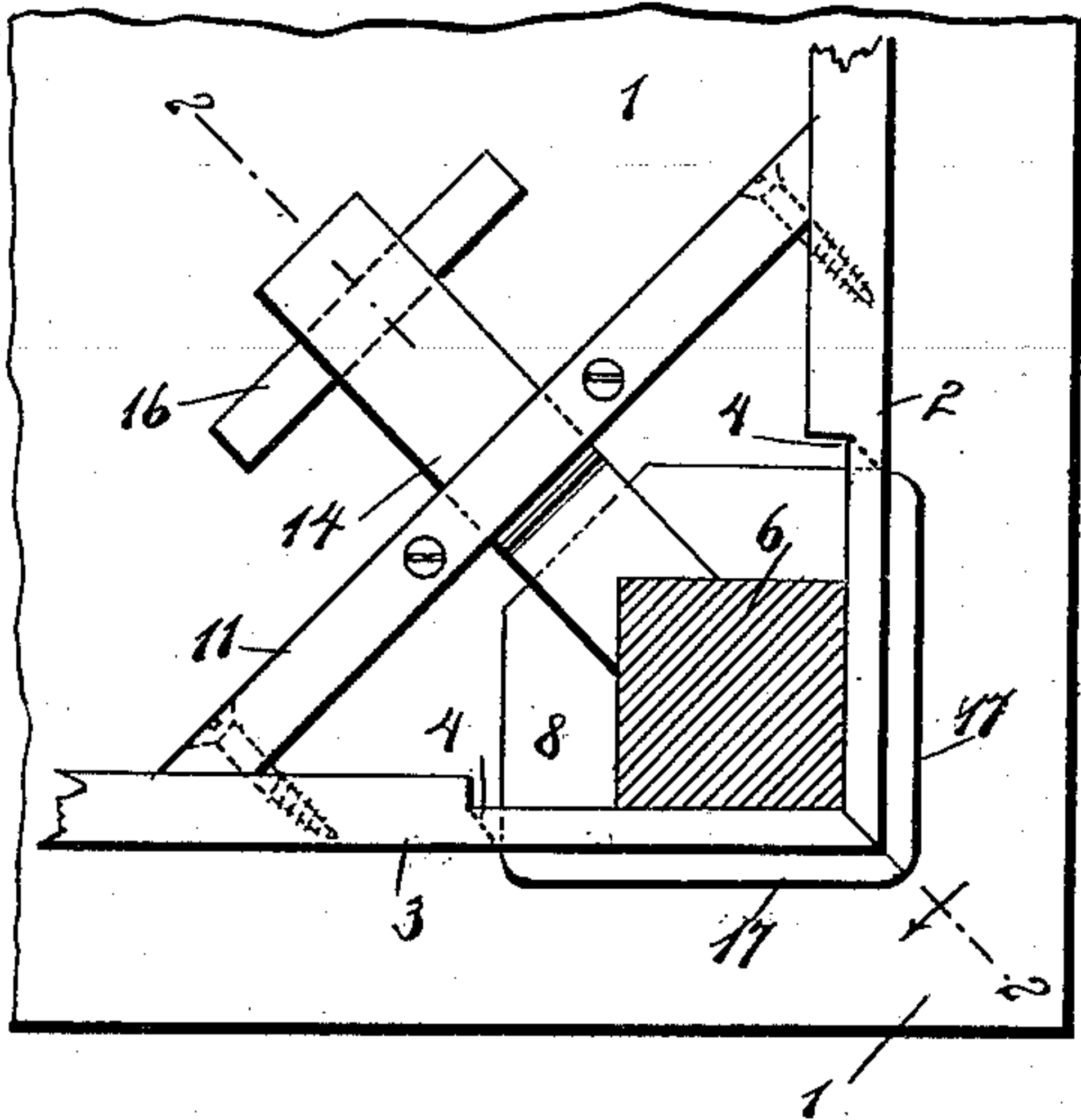


Fig. 3

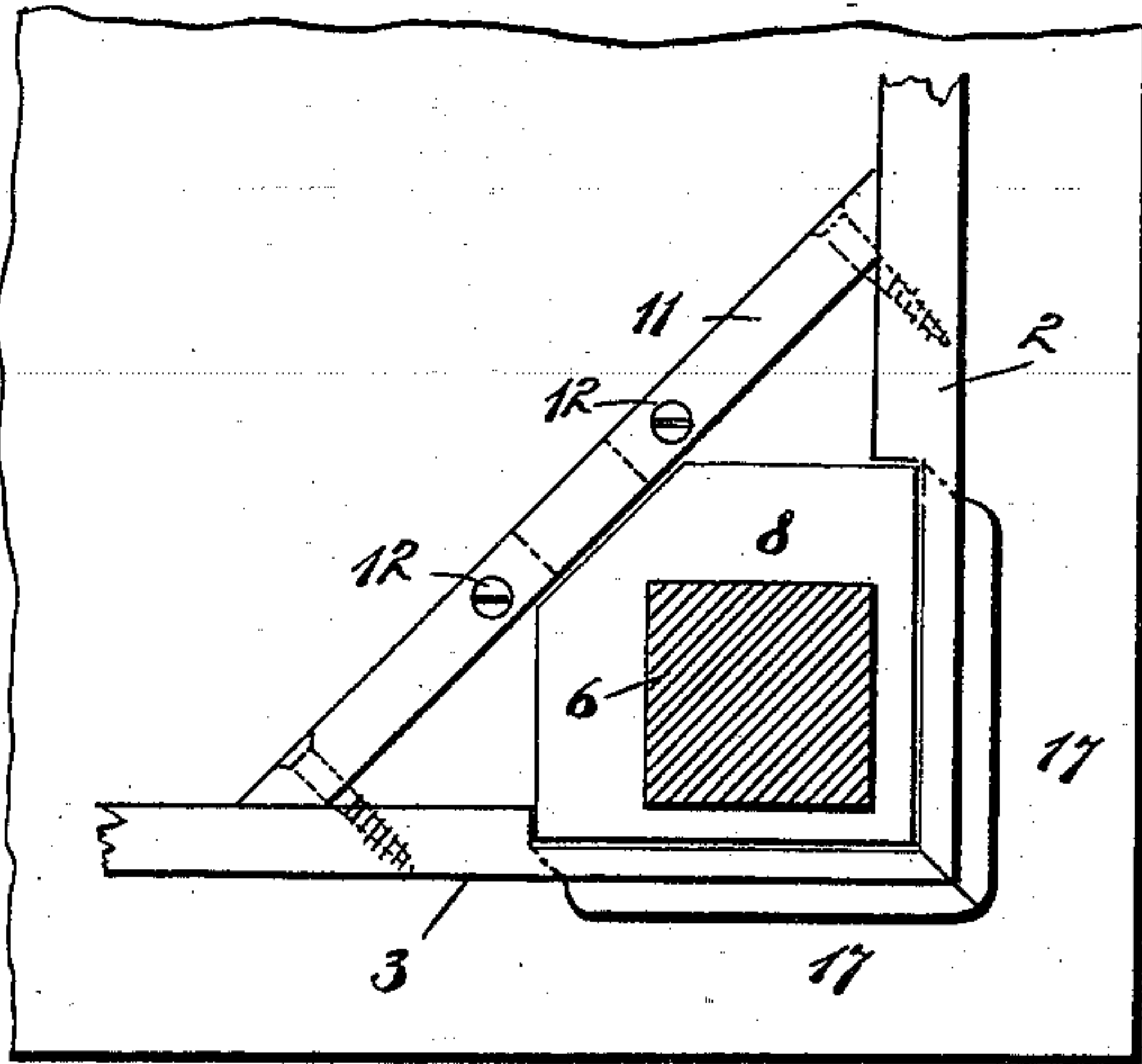


Fig. 2

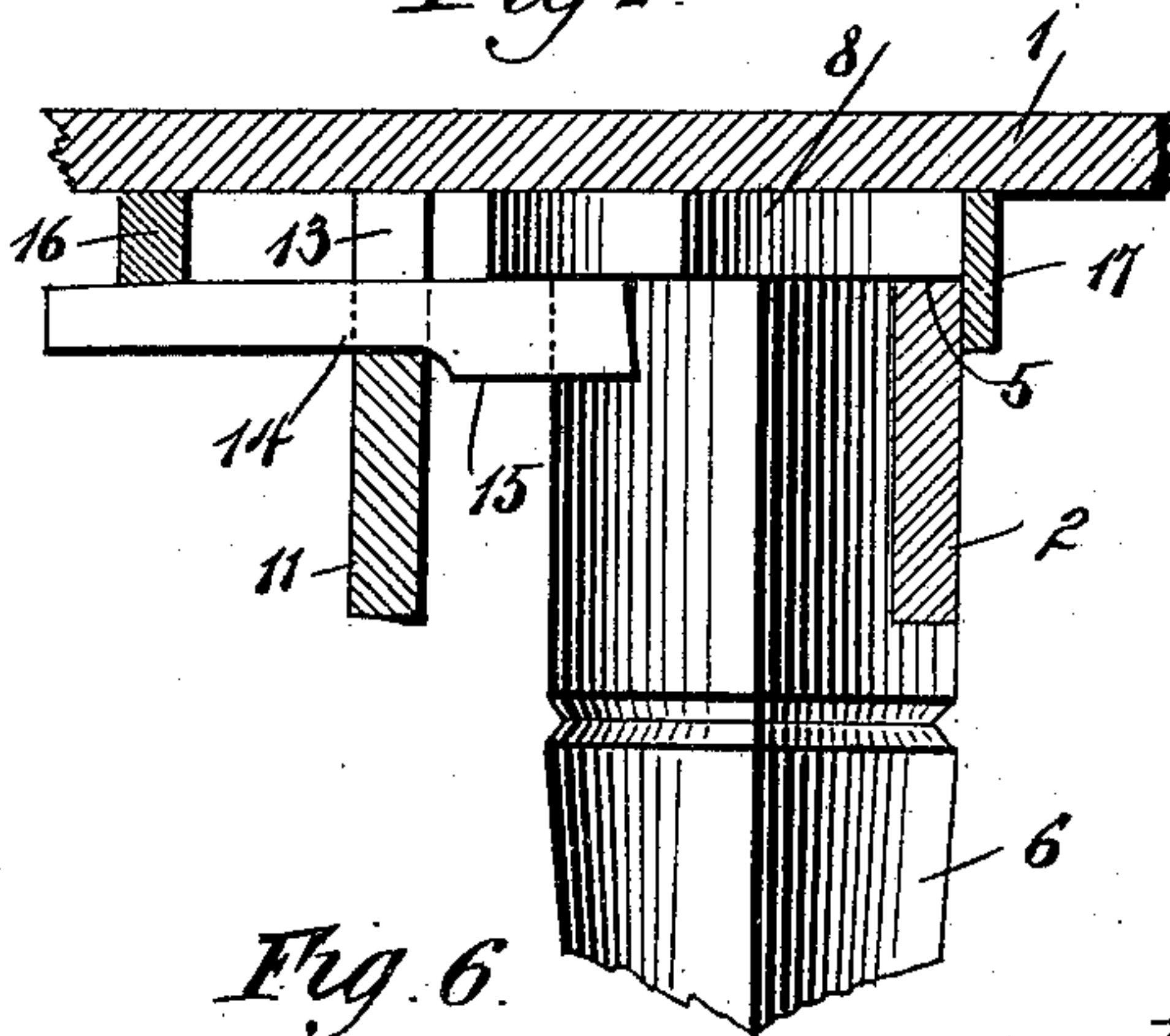


Fig. 4

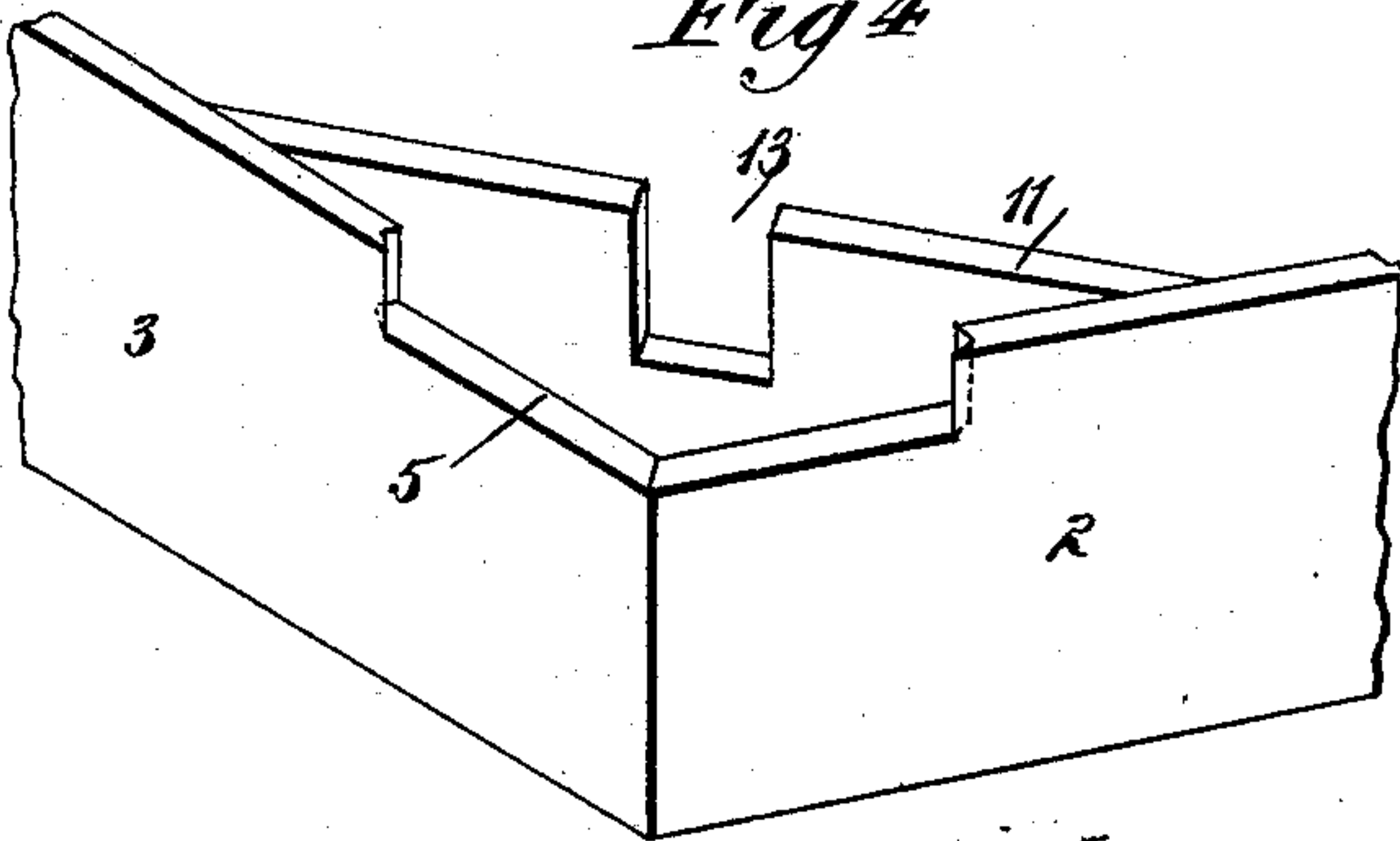


Fig. 6

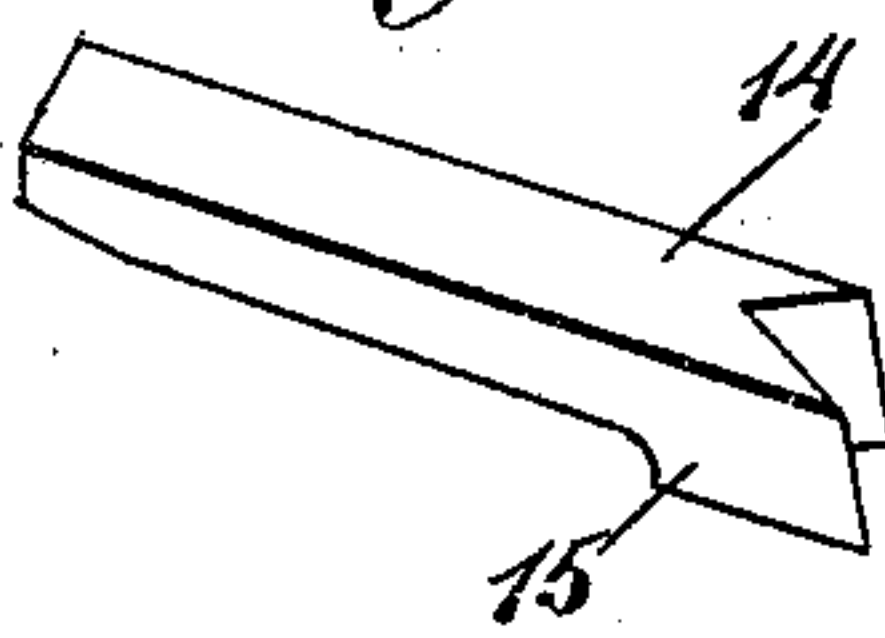


Fig. 7

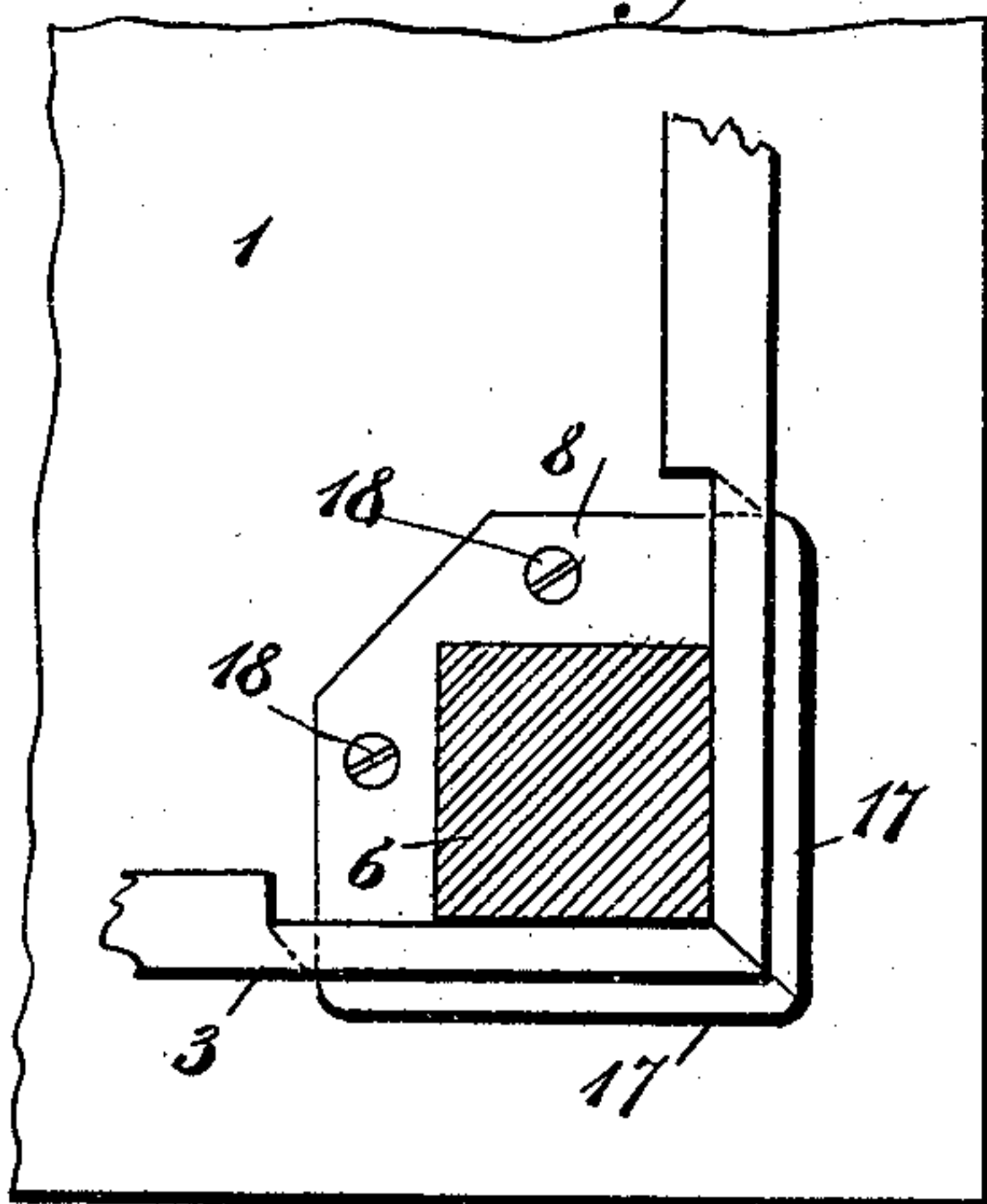
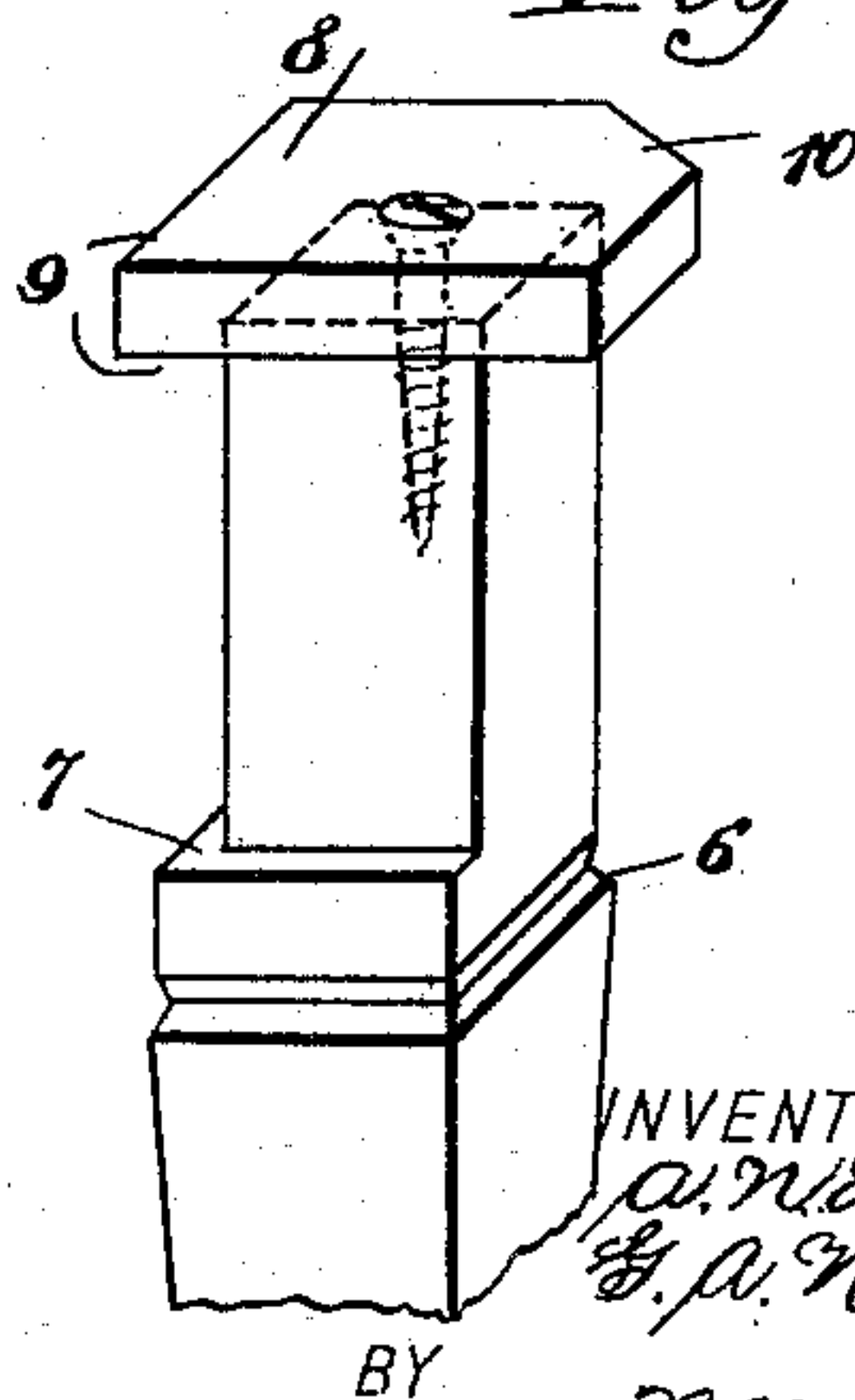


Fig. 5



WITNESSES:
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UNITED STATES PATENT OFFICE.

ALFRED N. HEINE AND GUSTAV A. NONWEILER, OF EVANSVILLE, INDIANA.

TABLE.

SPECIFICATION forming part of Letters Patent No. 604,322, dated May 17, 1898.

Application filed November 23, 1897. Serial No. 659,584. (No model.)

To all whom it may concern:

Be it known that we, ALFRED N. HEINE and GUSTAV A. NONWEILER, of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and Improved Table, of which the following is a full, clear, and exact description.

This invention relates to improvements in tables of the knockdown class; and the object is to provide a table of this character in which the legs may be quickly and easily removed from or connected with the table-top.

We will describe a table embodying our invention, and then point out the novel features in the appended claims.

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.

Figure 1 is a bottom plan view of a portion of a table-top and showing a leg as secured in position. Fig. 2 is a section through the line 2 2 of Fig. 1. Fig. 3 is a similar view to Fig. 1, but showing the leg as about to be placed in position. Fig. 4 is a perspective view showing the construction of the table-rails and a bridge-piece employed. Fig. 5 is a perspective view of the upper portion of the table-leg. Fig. 6 is a perspective view of a wedge employed, and Fig. 7 shows a modification.

Referring to the drawings, 1 designates the table-top, and 2 3 show the side and end rails as attached to the top. The inner surfaces of the rails at their meeting ends may be cut away, as at 4, and their upper edges are cut away, as at 5, thus providing a space between the rails and the under side of the table-top.

The upper portion of the leg 6 is made rectangular in cross-section to fit snugly in the corner formed by the rails, and the leg is provided on two sides with a shoulder 7 to engage the lower edges of the rails. A plate 8 is secured by any desired means to the upper end of the leg. This plate 8 is preferably of wood and projects beyond the surfaces of the leg at all sides. The outer edges or projections 9 of the plate are designed to be placed in the opening 5, and the inner corner 10 of the plate is cut off, so that it may be passed between the rails and a bridge-piece 11, extended obliquely with relation to the rails and having its ends secured to the rails in any suitable manner. As a further means of securing the bridge-piece we may pass screws 12 through it and into the table-top.

The upper edge of the bridge 11 is provided with a notch 13, through which a holding-wedge 14 may pass. This holding-wedge has a V-shaped notch at its end, the walls of which are designed to engage against the sides of the leg, as indicated in Fig. 1. The wedge has a shoulder 15, designed to engage against the bridge 11 to prevent the wedge and leg from turning. After placing the leg in position and the wedge against it a block 16 is to be forced between the outer end of the wedge and the table-top, as indicated in the drawings. Strips 17 are secured to the rails 2 and 3. These strips strengthen the corners and also serve to cover the openings.

In case the table is not to be taken apart after once setting up we may dispense with the parts 11, 14, and 16 and secure the legs by means of screws 18, as shown in Fig. 7. In either example of our improvement it is obvious that the legs may be quickly detached from the top.

It is to be understood that we do not limit our invention to tables, as it is obvious that it may be applied to other furniture, such as desks and the like.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination with a table-top, of the rails cut away at the top at their meeting ends, a leg having a projecting plate on its upper end to engage in the cut-away portion of the rails, a diagonally-extending bridge secured to the under side of the table-top, and having a notch in its upper edge, a wedge designed to pass through said notch and engage with the leg, and a block for holding the wedge tightly against the leg and its plate, substantially as specified.

2. The combination with a table-top, of the rails cut away at their top edge, a leg, a projecting plate on the upper end of the leg for engaging in the cut-away portion of the rails, a notched bridge-piece secured to the table, a wedge for passing through the notch, the said wedge having a notched end to engage the leg and a shoulder to engage the bridge, and a block between the wedge and table-top, substantially as specified.

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Witnesses:

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