

No. 748,041.

PATENTED DEC. 29, 1903.

T. C. BEACH.
TABLE.

APPLICATION FILED MAR. 4, 1903.

NO MODEL.

Fig. 1

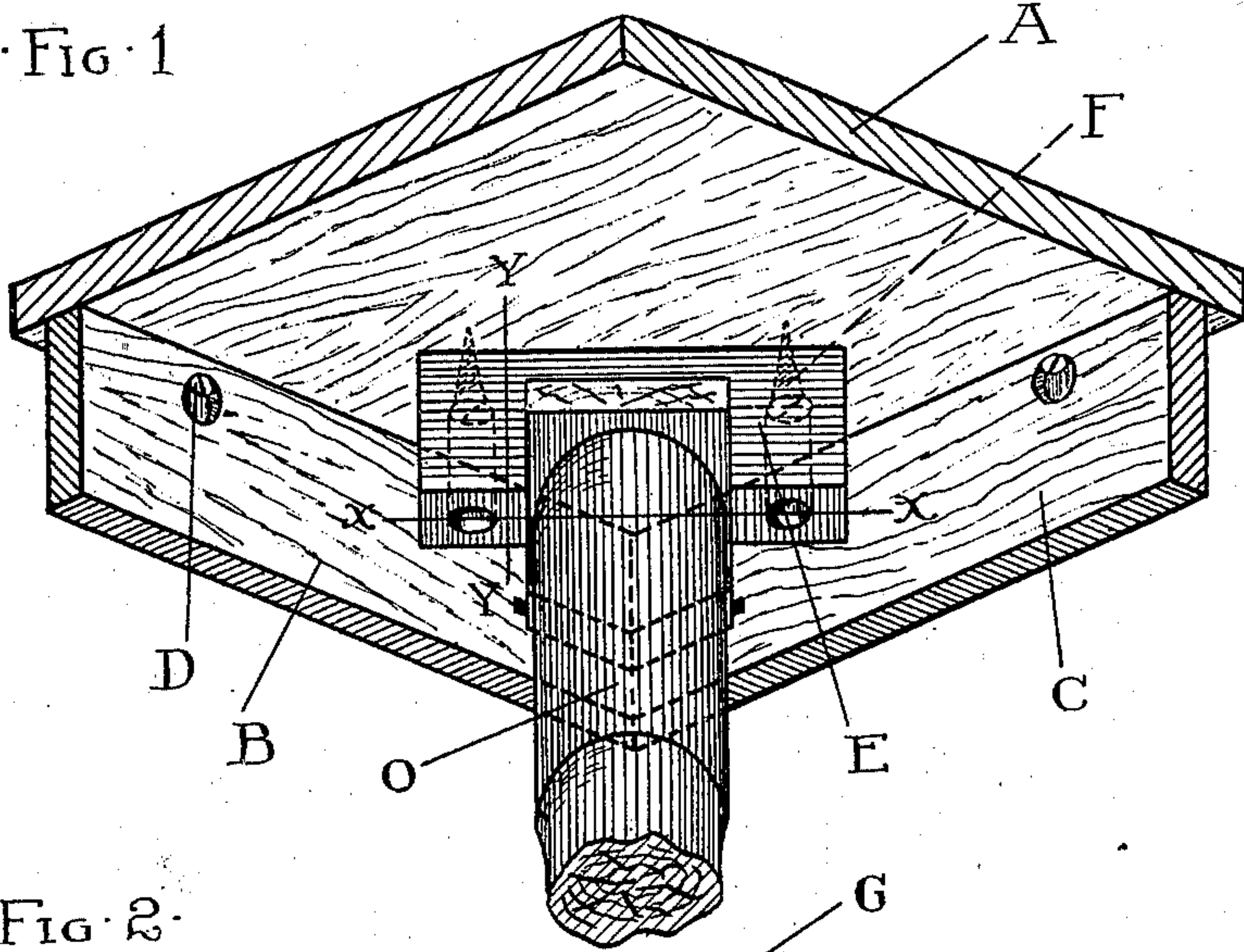


Fig. 2

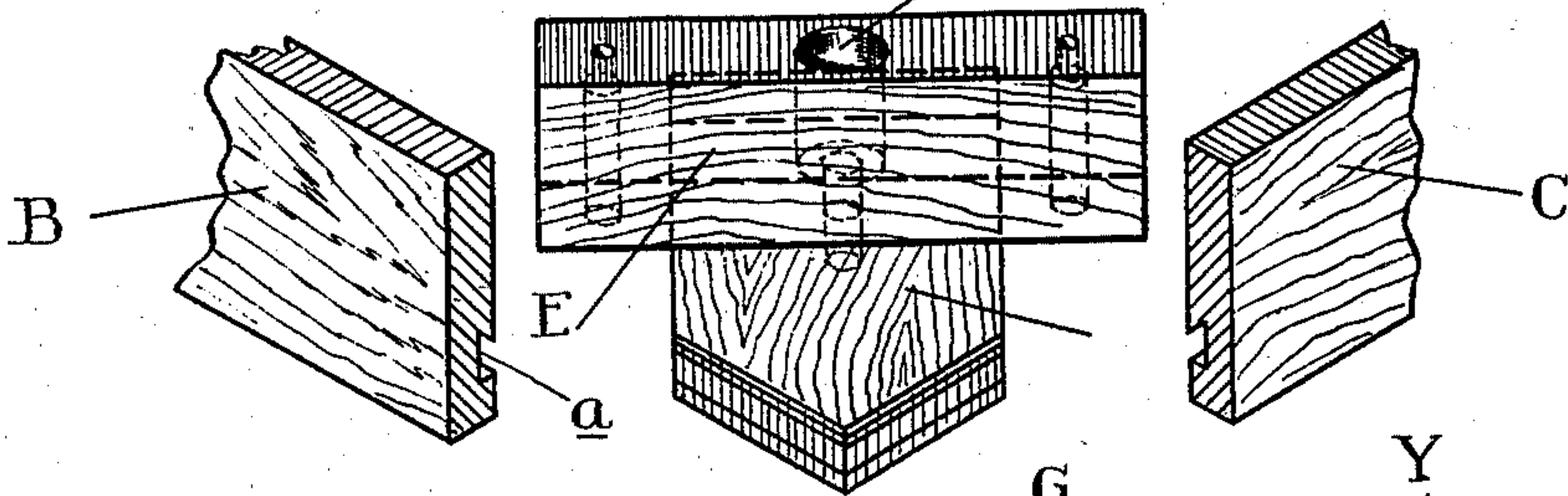


Fig. 3

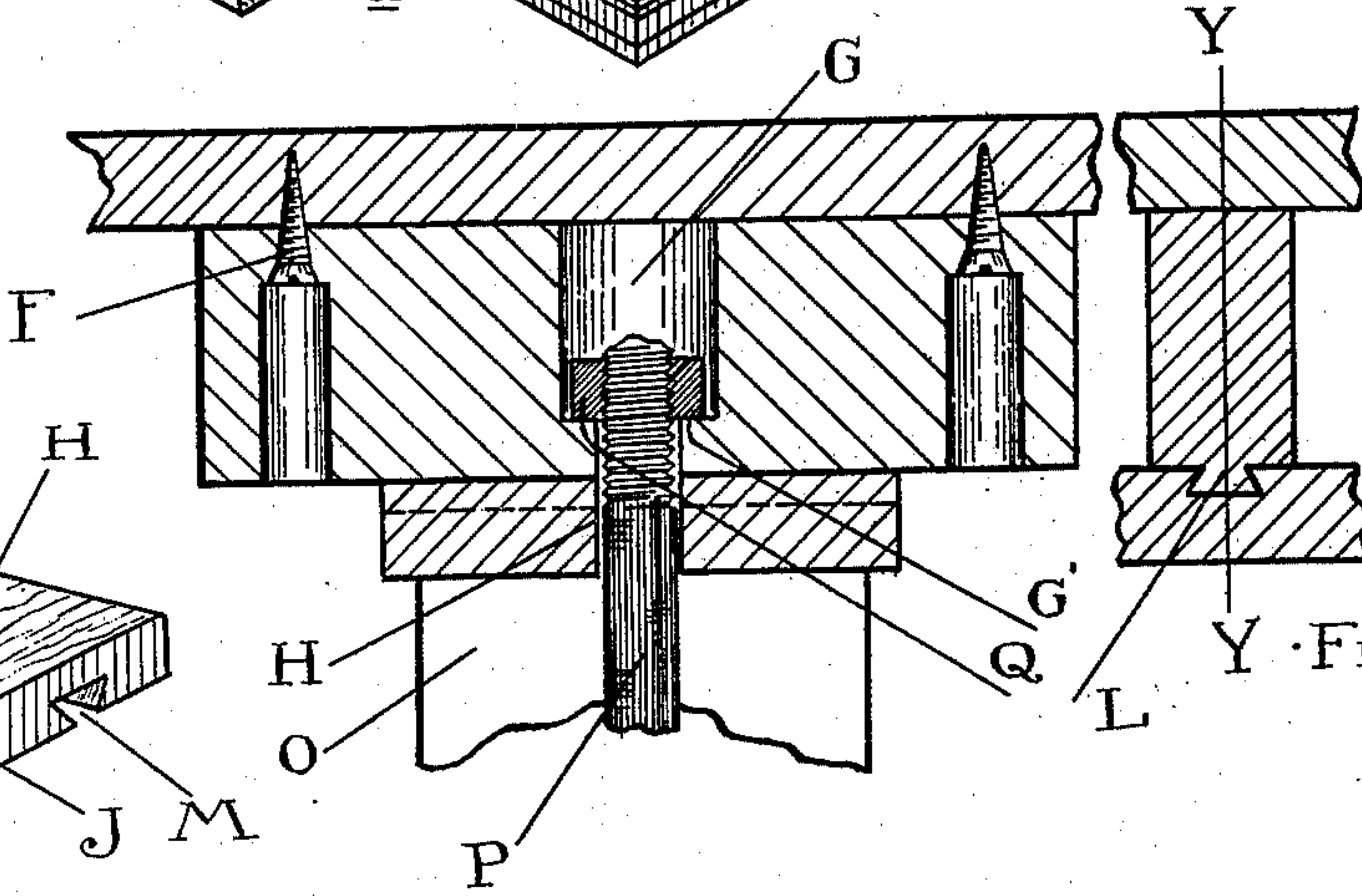
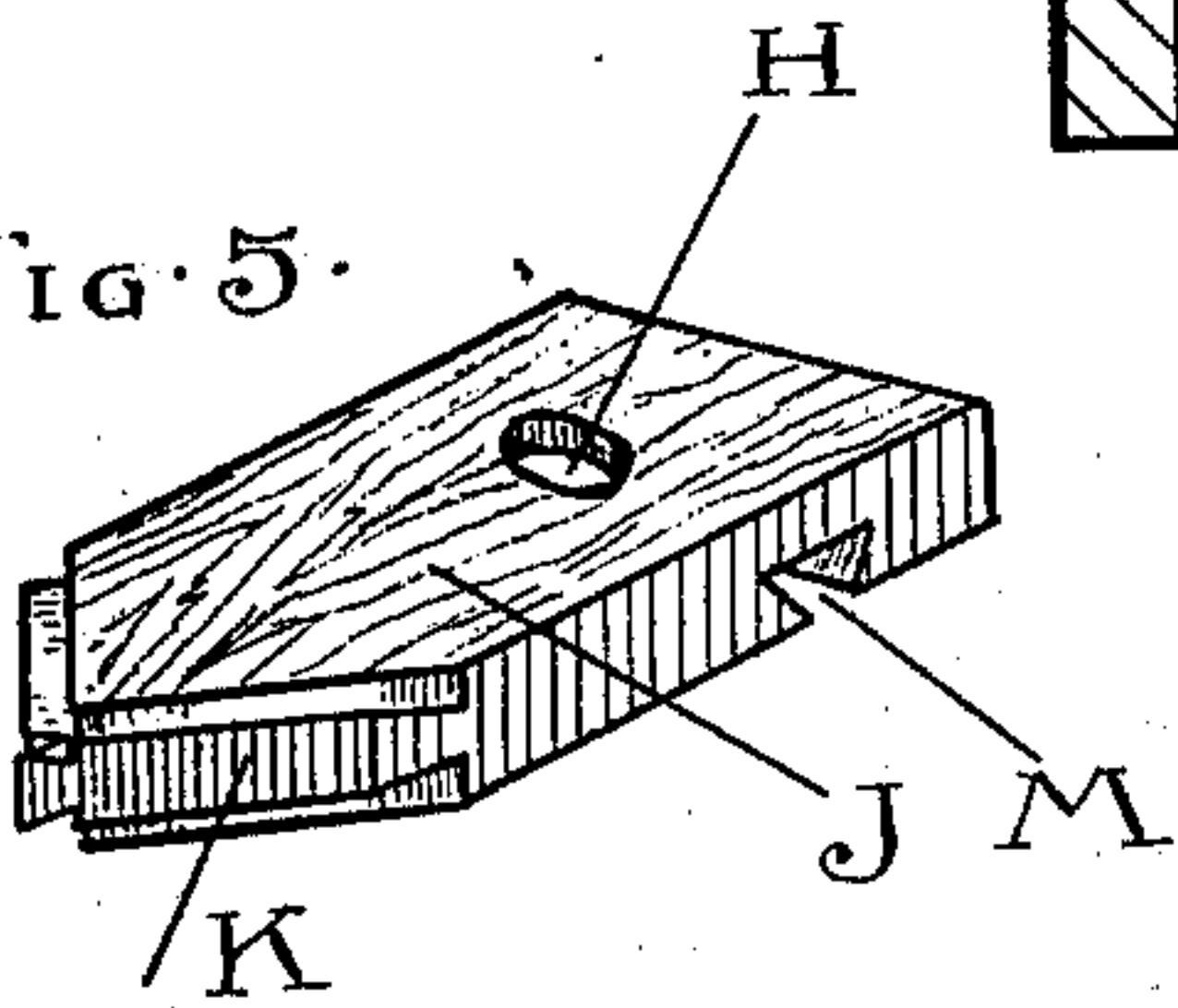


Fig. 5



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UNITED STATES PATENT OFFICE.

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TABLE.

SPECIFICATION forming part of Letters Patent No. 748,041, dated December 29, 1903.

Application filed March 4, 1903. Serial No. 146,175. (No model.)

To all whom it may concern:

Be it known that I, THADDEUS C. BEACH, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Tables, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates generally to tables; and it consists, essentially, in novel and simple means for securing the leg thereto, whereby the table is braced and strengthened materially at the corners and the table-leg is rigidly held in place.

The invention further consists in the peculiar arrangement and combination of the various parts of the table and table-leg, as will be hereinafter more fully set forth, and shown in the drawings, in which—

Figure 1 is a sectional perspective view of a corner of the table, showing the securing means for the leg. Fig. 2 is a similar view of portions of the table, the parts being detached. Fig. 3 is a section on line *xx* of Fig. 1. Fig. 4 is a section on line *yy* of the same figure, and Fig. 5 is a perspective view of the brace member.

In the drawings thus briefly described the reference-letter A designates the usual top of the table, and B and C are two adjoining side rails, which I have shown as preferably connected to the top by means of suitable securing devices, such as screws D. At their ends the meeting side rails are each provided near the lower edge with a dovetail groove, such as *a*, Fig. 2, and the extreme end portions are preferably, though not necessarily, mitered to form the table-corner.

E represents what will be termed a "supporting" member for the brace presently to be described and consists, essentially, of a block rigidly attached to the under face of the top by screws F. This support, as shown, is spaced from the corner and is arranged in diagonal relation thereto. An opening G extends centrally through the block, in which is formed a shoulder G', as shown.

J represents the brace member. Preferably this is oblong in configuration, consisting, essentially, of a bar having one end beveled and carrying on its beveled portions dovetail tenons K, which engage the dovetail

grooves in the depending rails. The opposite end of the brace member projects inwardly from the corner and has an engagement at its free end with the supporting-block. Preferably the connection is of the sliding type, a dovetail tenon L being formed upon the lower edge of the support, which engages a corresponding groove M, formed in the upper face of the brace member.

O represents the table-leg, carrying at its upper end a screw or threaded bolt P. The leg is adapted to bear at its upper end against the brace member and the screw or bolt extends through an opening H in the member and is adapted to engage a nut Q, arranged within the bore G and resting on the shoulder G' previously referred to.

In assembling the parts of the table the supporting-block is first secured in the manner indicated to the under side of the table-top. The brace member is then connected to the support, the depending side rails are arranged in position with their grooves engaging the tenons upon the brace member, and finally the table-leg is connected to the support in the manner just described.

From the description of the invention it will be apparent that the securing means for the leg are of simple and economical construction. Furthermore, the leg when connected in the manner described serves to clamp the brace member to the support, and thereby produce a rigid corner structure for the table.

What I claim as my invention is—

1. In a table, the combination with the top, of two adjoining side rails connected thereto, a supporting member upon the under face of the top, a brace member connected at one end to both side rails and at the other end to the support, and the table-leg having a bearing at its upper end and against the brace.

2. In a table, the combination with the top, of two adjoining side rails depending therefrom, a supporting member upon the under face of the top, a brace member connected at one end to the side rails and bearing at its opposite end against the support, the table-leg, and a securing device at the upper end of the leg extending through the brace and having an engagement with the support.

3. In a table, the combination with the top, of

two adjoining side rails depending therefrom,
a supporting member upon the under face of
the top, an oblong brace member having a
sliding engagement at its ends with the side
5 rails and support, and the table-leg having a
bearing at its upper end against the brace.

4. In a table, the combination with the top, of
two adjoining side rails depending therefrom,
a block secured upon the under face of the
10 top, an oblong brace having at its opposite
ends tongue-and-groove engagements with

the side rails and the block, the table-leg,
and a screw, projecting from the upper end
of the leg, extending through the brace-bar
and having an engagement with the block. 15

In testimony whereof I affix my signature
in presence of two witnesses.

THADDEUS C. BEACH.

Witnesses:

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G. U. LATOUR.