

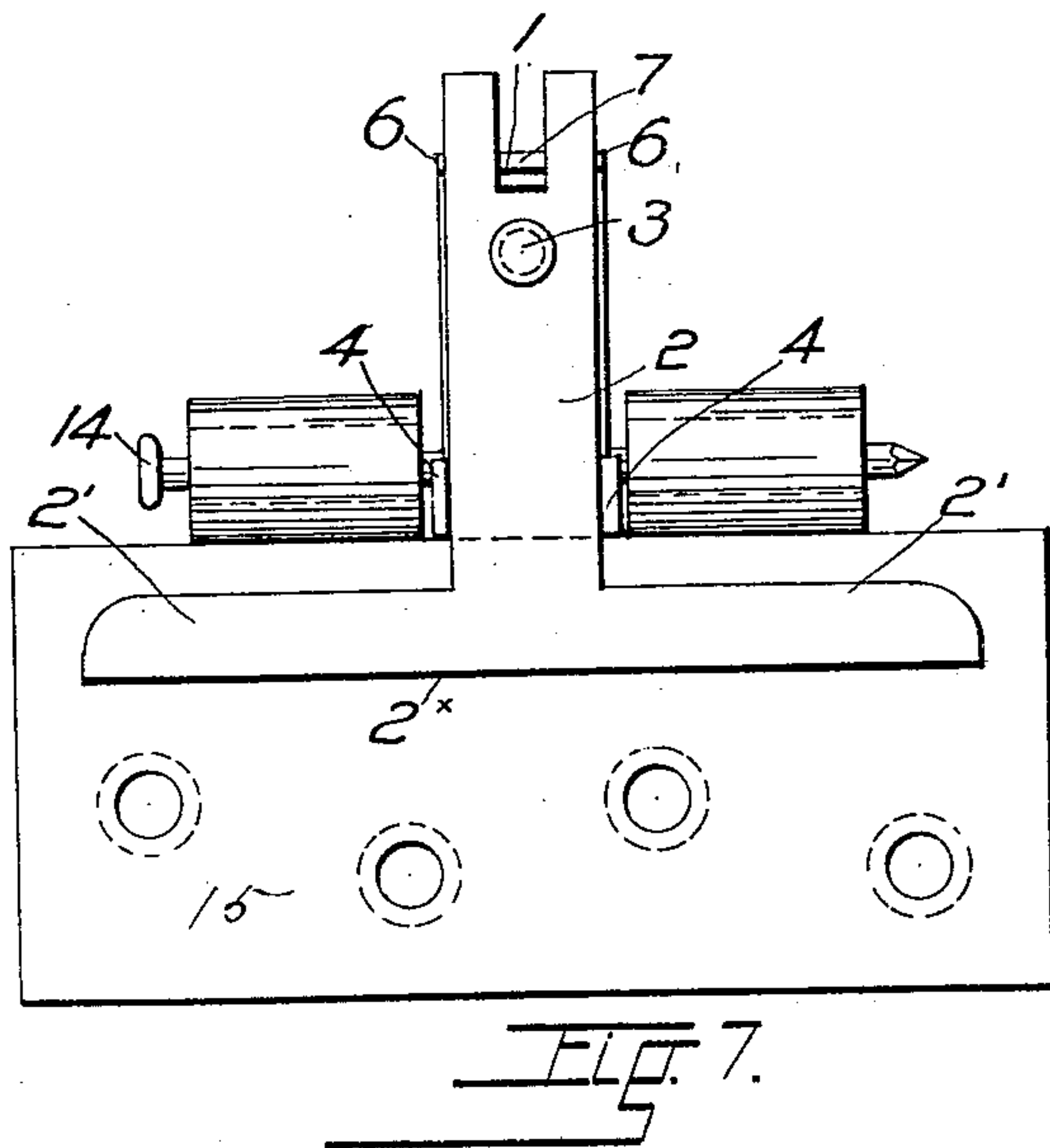
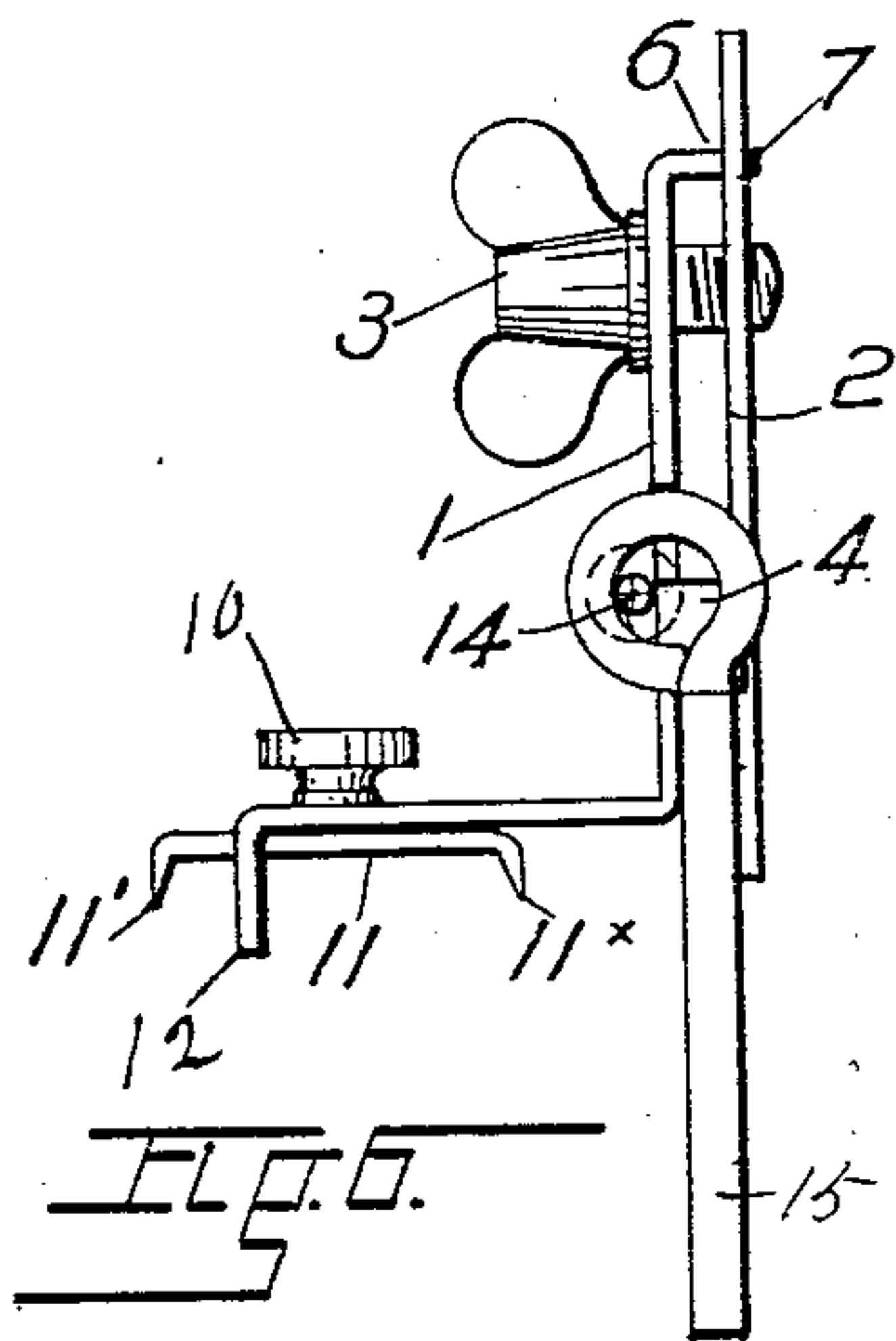
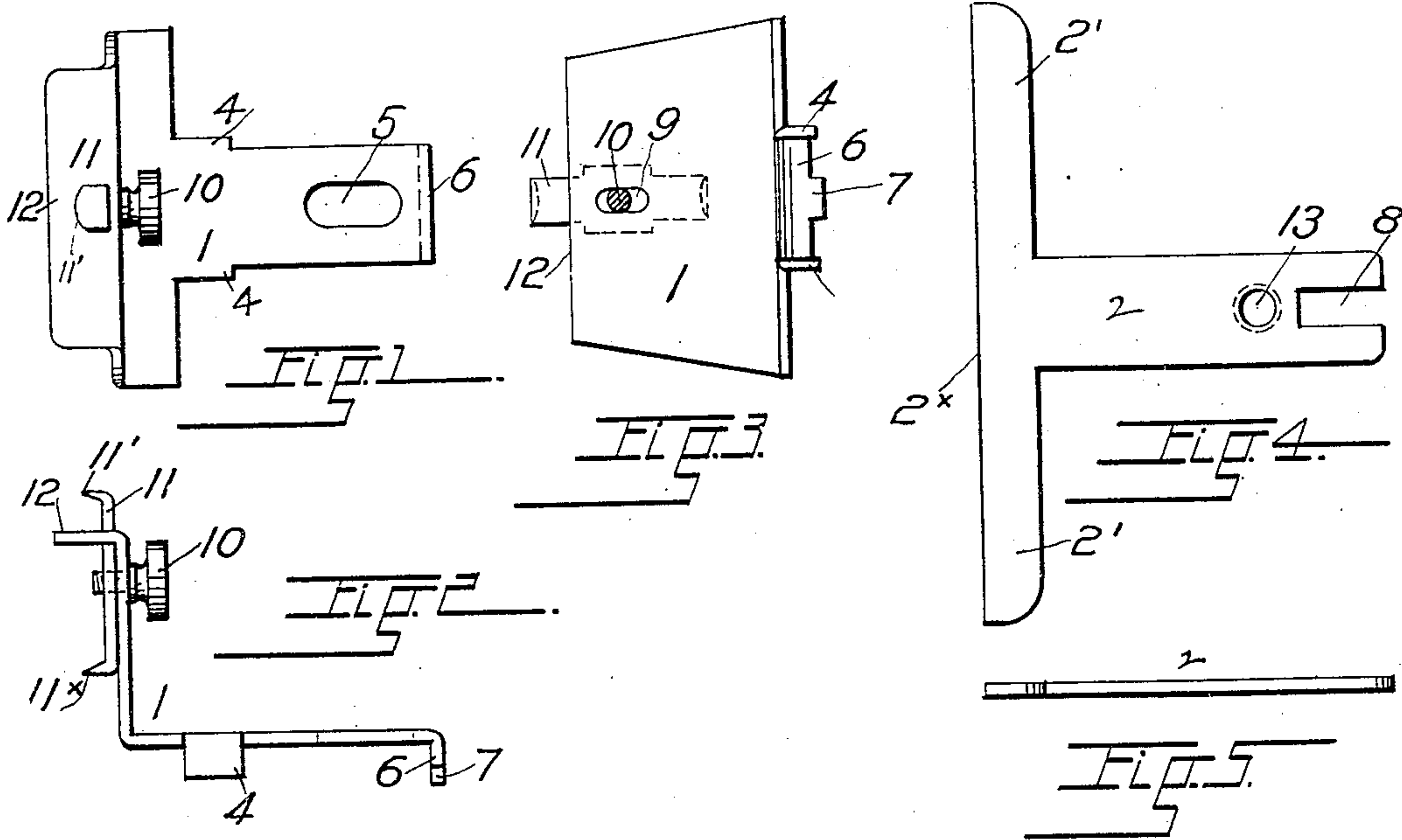
No. 750,842.

PATENTED FEB. 2, 1904.

W. H. GELBAUGH.
HINGE GAGE.

APPLICATION FILED AUG. 27, 1903.

NO MODEL.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM H. GELBAUGH, OF DENVER, COLORADO.

HINGE-GAGE.

SPECIFICATION forming part of Letters Patent No. 750,842, dated February 2, 1904.

Application filed August 27, 1903. Serial No. 170,965. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. GELBAUGH, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Hinging-Gages, of which the following is a specification.

My invention relates to gages for use by carpenters in applying hinges to doors and door-jambs, and is intended to gage the depth and the width of the recesses into which the hinges are to be fitted.

The invention consists in the features and combination and arrangement of parts hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a view of one member of the gage. Fig. 2 is a view of Fig. 1 looking from beneath the same. Fig. 3 is a view of Fig. 1 looking from the right. Fig. 4 is a face view of the other member of the hinge. Fig. 5 is an edge view of Fig. 4. Fig. 6 is an edge view of the gage applied to a hinge, and Fig. 7 is a view of Fig. 6 looking from the right.

The gage comprises two members 1 and 2, adapted to clamp between them the hinge member, as indicated at 15.

The gage member 1 consists of a plate of right-angular form slotted at 5 and having a flange 6 extending at right angles to the main part and terminating in a projection 7, adapted to fit in a notch 8 for vertical adjustment therein, said notch 8 being formed in the end of the part or member 2 of the gage. A set-screw 3 passes through the slot 5 into an opening 13 in the part 2, and by this the two members 1 and 2 may be adjusted in relation to each other longitudinally. The member 1 is provided with lugs 4, which, as shown in Figs. 6 and 7, are adapted to rest on the outer edge of the hinge member, and thus determine the position of the gage in relation to said member. The gage member 2 is provided with laterally-extending portions 2', providing a straight-edge 2^x, extending longitudinally of the hinge member held by the gage. The member 1 is also slotted at 9, as shown in Fig. 3, and it has a right-angular bend 12, provided

with an opening through which a scratch-gage 11 may be adjusted, the said scratch-gage having inner and outer points 11' 11^x and being held adjustably to the member 1 by a set-screw 10, the shank of which passes through the slot 9 into the gage 11. The position of the hinge member when clamped by the gage is shown by Figs. 6 and 7, and an ordinary wire nail 14 is preferably inserted through the eyes of the hinge, so as to bear upon the face of the gage member 1, and thus hold the hinge member and the gage more firmly together.

It will be seen from the above description that two straight-edges are provided by this gage, one being formed by the face of the flange 12 and the other by the edge 2^x of the member 2.

In the use of the gage the scratch-gage 11 is set with its point 11' at a distance from the flange 12 equal to the thickness of the hinge member, and in marking the door-jamb or door it is simply necessary to place the gage with the face of the flange 12 against the face of the door or door-jamb and then use the point 11' for marking off the depth of the recess to be formed in the door or door-jamb, and in order to gage the width and length of the recess it is simply necessary to place the straight-edge 2^x against the face of the door or door-jamb and allow the hinge member 15 to overlie the surface in which the recess is to be formed, and then by making a mark around the edge of the hinge member the outline of the recess is left on the door or door-jamb.

As above set forth, the members 1 and 2 may be adjusted longitudinally in relation to each other to meet the different requirements and the different sizes of hinges.

I claim as my invention—

1. In combination two gage members adjustably held together and arranged to clamp a hinge member between them, one of said gage members having a right-angular extension with a scratch-gage adjustably secured thereto, substantially as described.

2. In combination two gage members held together and adapted to clamp a hinge member between them, one of said members having an extension with a flange thereon form-

ing with its face a straight-edge and a scratch-gage adjustably associated with the said flange extension, substantially as described.

3. In combination a member 1 of right-an-
5 gular form having a flange 6 with a projection
and having also an extension with a flange 12,
a scratch-gage adjustably held on the said ex-
tension said scratch-gage having a point op-
posite the face of the flange 12, a member 2
10 slotted to receive the projection on the mem-
ber 1 and a set-screw for adjustably holding
the two members together, the said member 1
having lugs 4 to rest against the edge of the
hinge, substantially as described.

15 4. In combination the two gage members,

one of which fits against the face of the hinge
and is provided with an integral straight-edge
2^x and the other member fitting against the
opposite face of the hinge and having an in-
tegral straight-edge 12 with a scratch-gage as- 20
sociated therewith and means for holding the
two members together, substantially as de-
scribed.

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

WILLIAM H. GELBAUGH.

Witnesses:

W. F. MASON,

ALBERT J. GATES.