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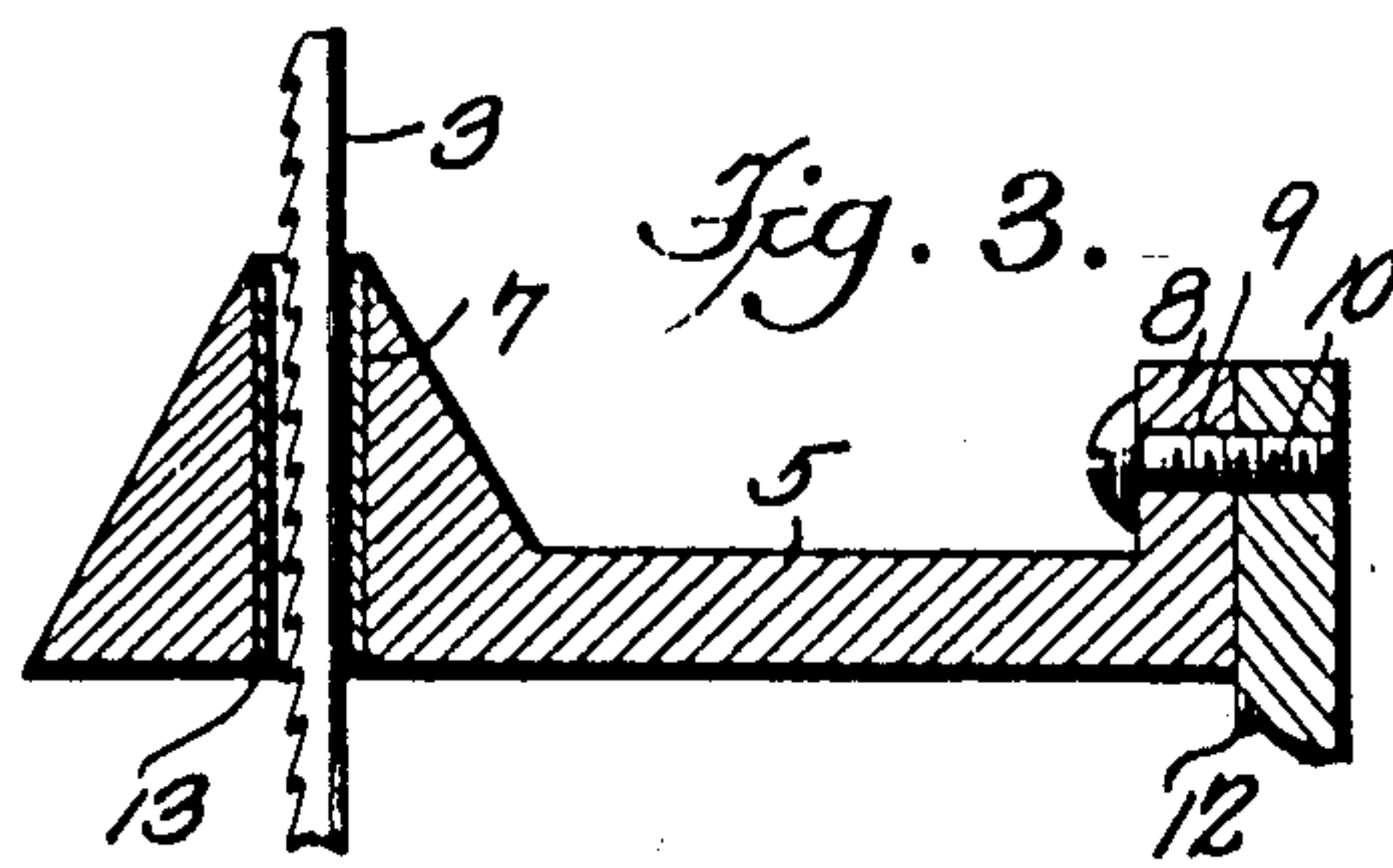
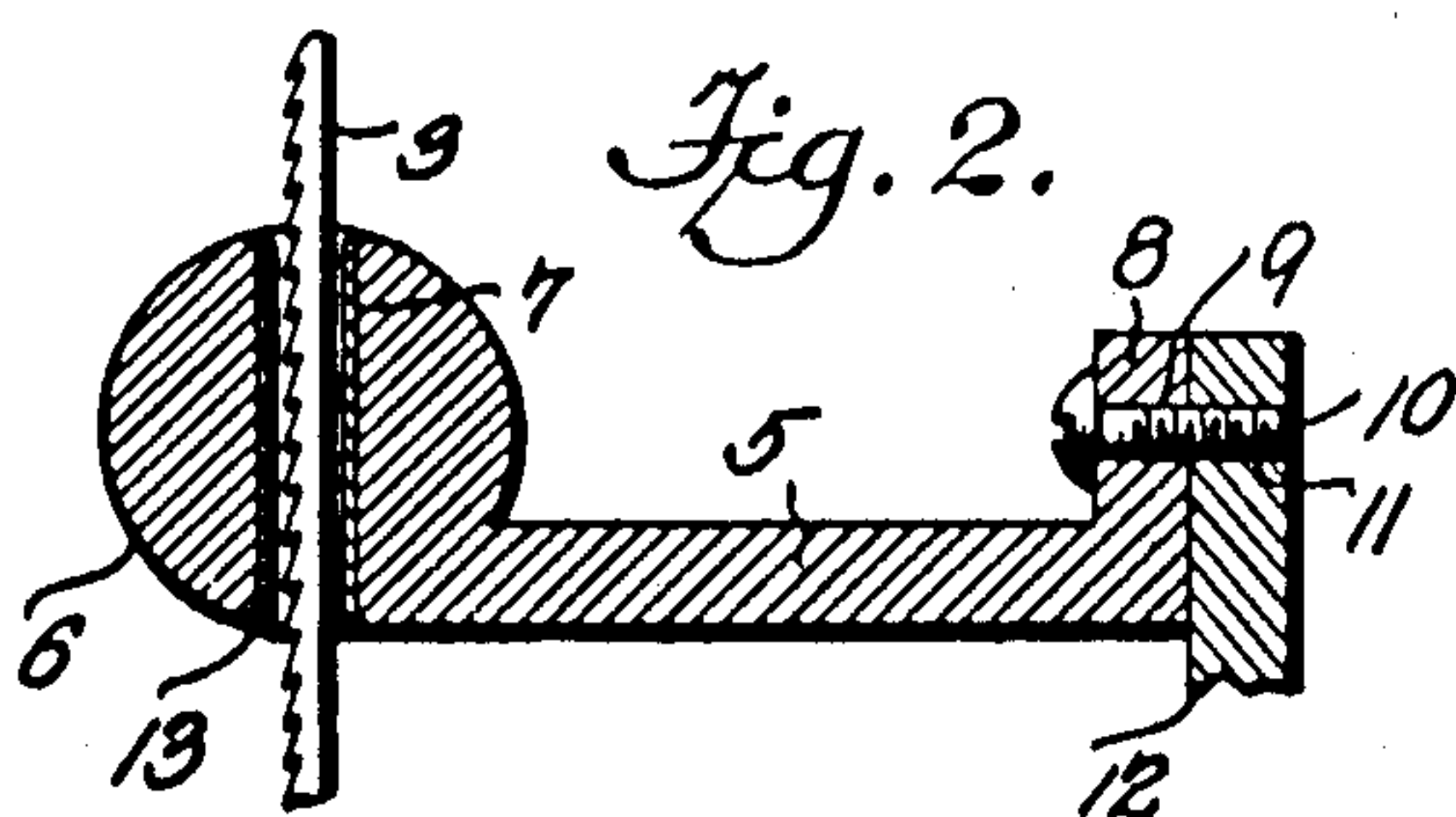
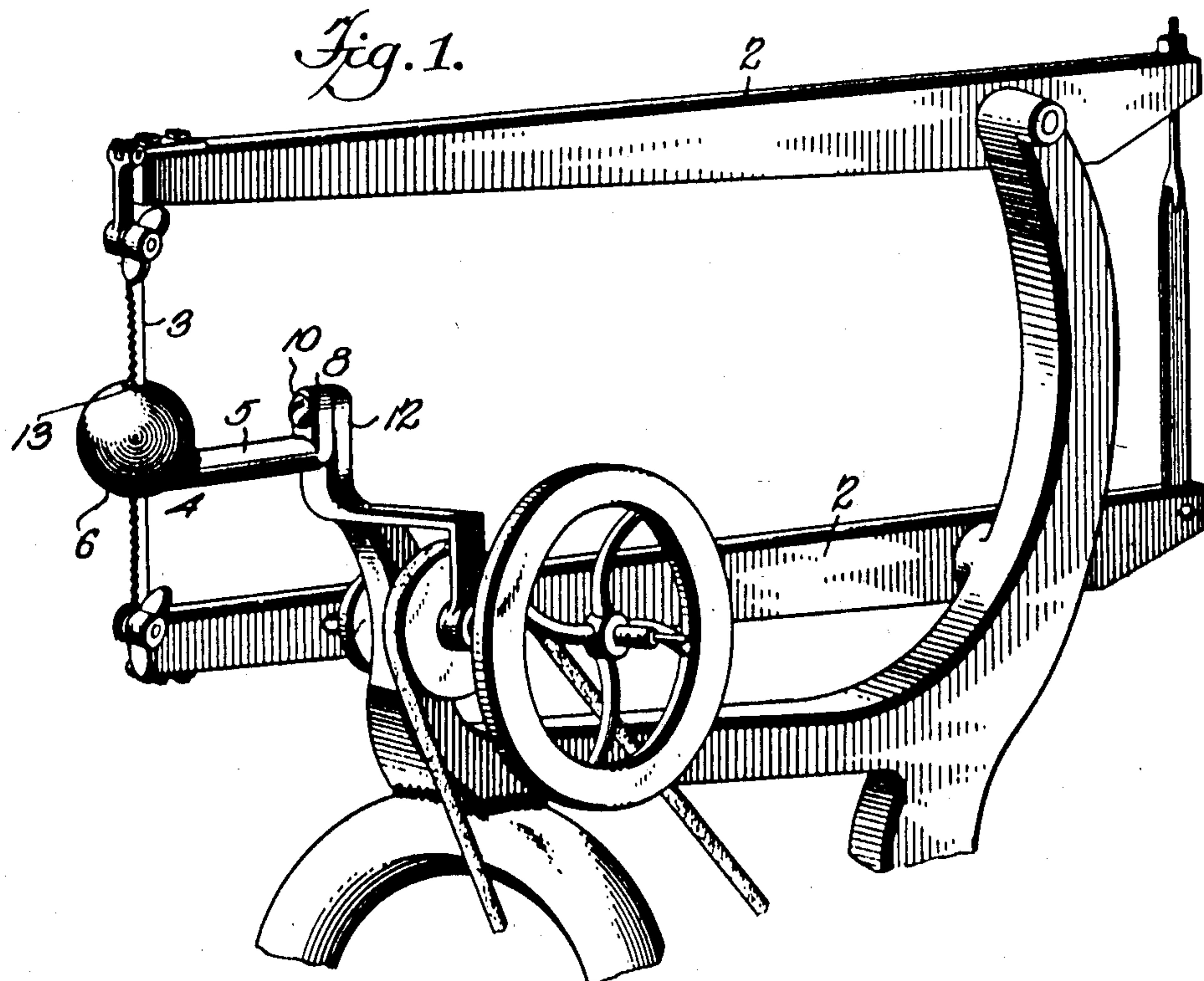
No. 750,551.

PATENTED JAN. 26, 1904.

J. C. MALLONEE.
BRACKET SAW TABLE.

APPLICATION FILED APR. 18, 1903.

NO MODEL.



Witnesses
E. J. Stewart
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UNITED STATES PATENT OFFICE.

JOSEPH C. MALLONEE, OF DENVER, COLORADO, ASSIGNOR OF ONE-HALF
TO BERT A. OWEN, OF DENVER, COLORADO.

BRACKET SAW-TABLE.

SPECIFICATION forming part of Letters Patent No. 750,551, dated January 26, 1904.

Application filed April 18, 1903. Serial No. 153,287. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. MALLONEE, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented a new and useful Bracket Saw-Table, of which the following is a specification.

This invention relates to certain improvements in scroll and gignaws, and more particularly to a work-supporting bracket or table therefor.

The object of the invention is to provide a simple, inexpensive, and efficient device of this character adapted to take the place of the ordinary tilting table and by means of which designs of various styles may be executed on curved or oval surfaces by simply moving the work over the head of the bracket.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a scroll-saw frame, showing my improved work-supporting bracket applied thereto. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a similar view of a modified construction of table.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a portion of a scroll-saw frame; 2, the saw-carrying arms; 3, the saw, and 4 my improved work-supporting bracket or table. The bracket 4, which may be formed of wood, metal, or other suitable material, consists of a shank 5, having a rounded or spherical head 6, provided with a vertically-disposed slot or opening 7, in which the saw 3 reciprocates when the machine is in operation. The rear end of the shank 5 is bent at right angles to

form an arm 8, provided with an opening 9, adapted to receive a bolt 10, the threaded end of which engages the interior threads of a corresponding opening 11, formed in the end of a bracket 12, secured to or formed integral with the frame.

When the supporting-bracket is formed of wood or similar material, I provide the slot or opening 7 with a metallic sleeve or casing 13 to prevent the edge of the saw from coming in contact with the spherical head.

From the foregoing description the construction of my device will be readily understood, and the operation thereof is as follows: In applying the bracket the arm 8 is placed in position on the bracket 12 and secured thereto by means of the bolt 10, after which the saw-blade is passed through the slot or opening in the spherical head and fastened in the usual manner to the ends of the supporting-arms. The work is now placed on the spherical head 6, being supported by the hand, and any design may be executed by simply moving the work over the surface of the head and in contact with the saw tracing out the particular design previously delineated on the work.

In Fig. 3 is illustrated a slight modification of the structure embodying the same general principle of construction and affording a single point of contact between the support and the work, so that the latter may be freely moved to any angular position required. In this case the support is substantially conical in form, affording a contracted work-supporting area, so that the work may be freely moved.

By the use of this attachment I am able to execute various designs on concavo-convex surfaces which is impossible with the form of tilting tables in use at present, it being necessary to cut out the design in several sections and then fasten them together to form the completed sign.

While I have shown the bracket applied to a gignaw, it may be applied with equally good results to hand-saws and various kinds of scroll-saws.

The supporting-bracket may be removed by simply unscrewing the bolt and the ordinary tilting table substituted, if desired.

Having thus described the invention, what I claim, and desire to secure by Letters Patent, is--

1. A work-support for scroll-saws having a substantially spherical head, the only projection from the sphere being that of a relatively small supporting-arm.

2. A work-support for scroll-saws, comprising a laterally-extending arm or bracket provided with a substantially spherical head and means for securing the arm in position.

3. A work-support for scroll-saws comprising a horizontally-disposed arm or bracket provided with a substantially spherical head having a vertical slot or opening for the passage of a saw-blade, and means for detachably securing the arm in position.

4. A work-support for scroll-saws, com-

prising a horizontally-disposed arm or bracket, provided with a substantially spherical head having a vertically-disposed metal-lined slot or opening for the passage of the saw, and means for detachably securing the arm in position.

5. A work-support for scroll-saws comprising an arm or bracket provided at one end with a substantially spherical head having a vertically-disposed metal-lined slot or opening therein for the reception of the saw-blade, the opposite end of the arm being provided with an angular extension having an opening formed therein adapted to receive a securing means.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSEPH C. MALLONEE.

Witnesses:

PAUL L. MALLONEE,

ERNEST CHALMERS McLEOD.