

No. 749,889.

PATENTED JAN. 19, 1904.

M. WHEELER.
PLOW CLEVIS.

APPLICATION FILED SEPT. 18, 1903.

NO MODEL.

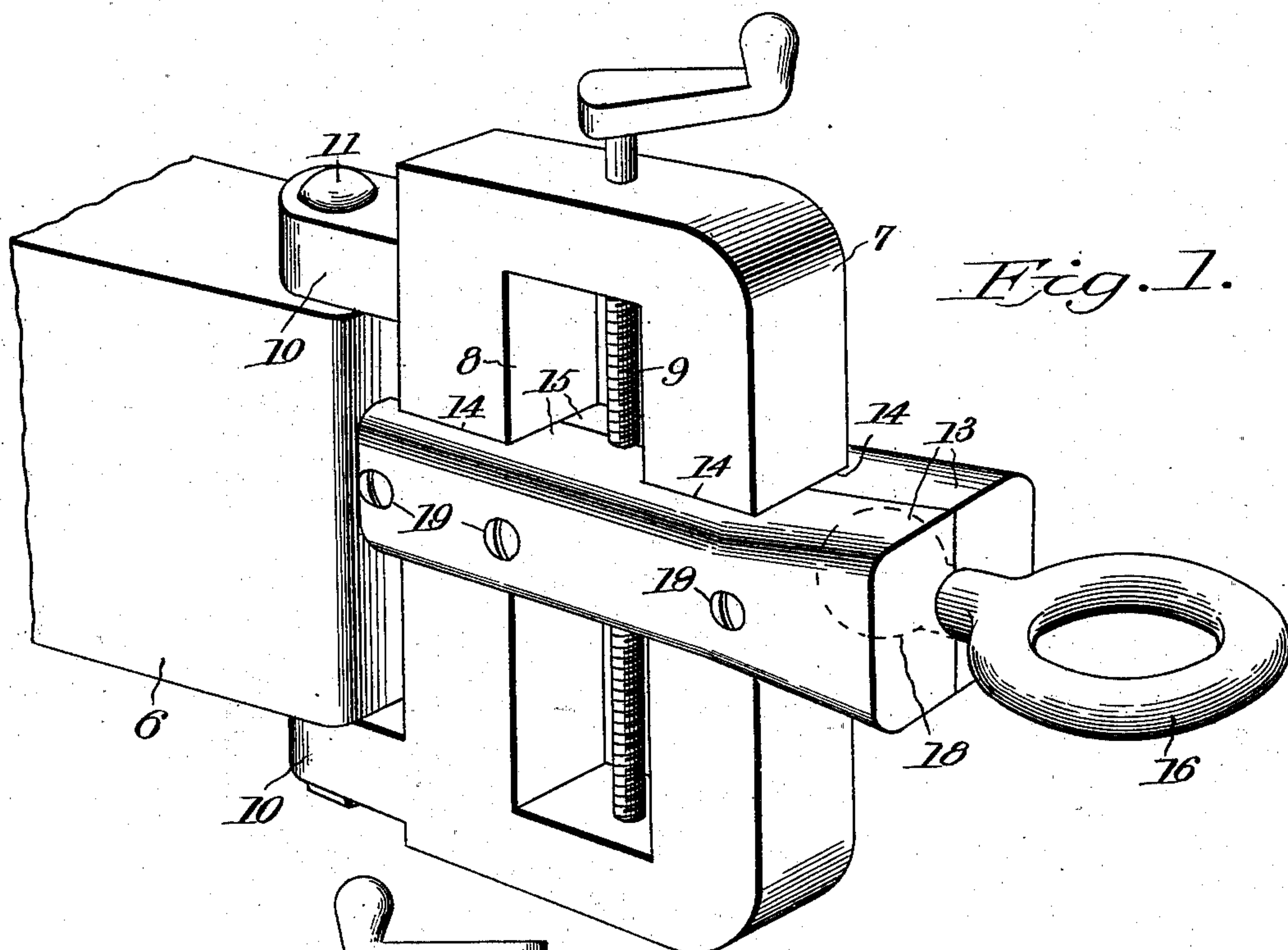


Fig. 1.

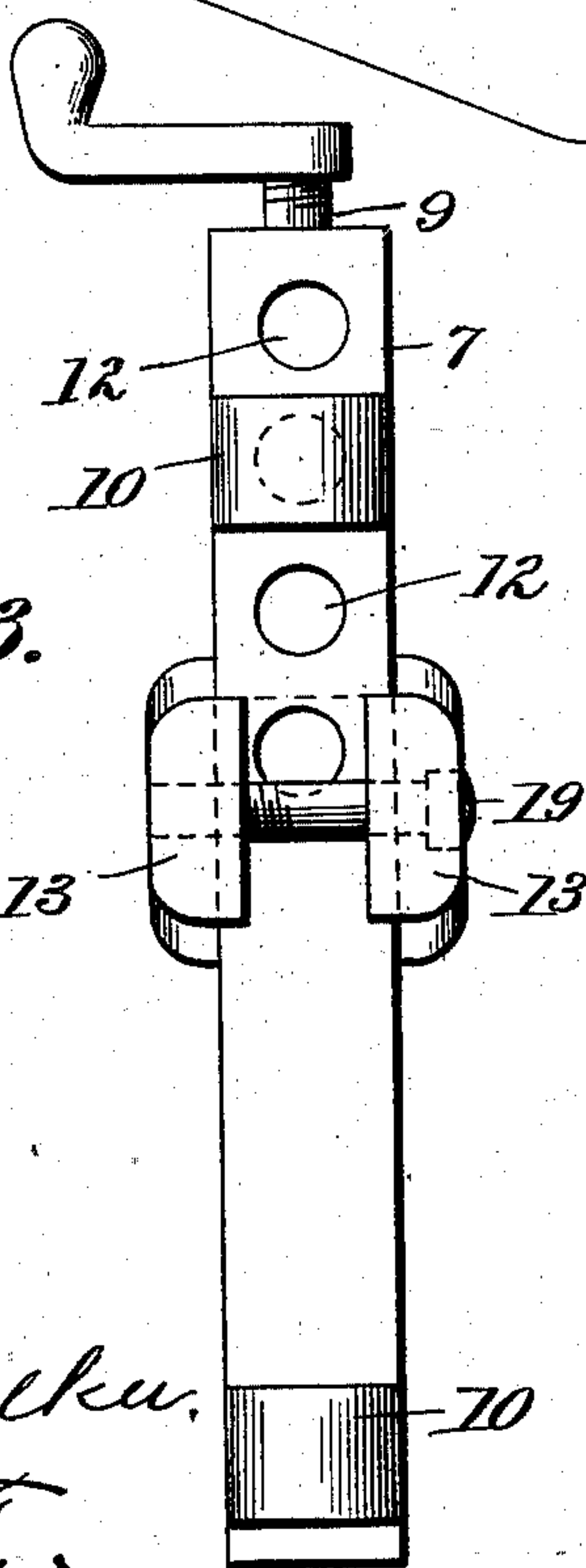


Fig. 3.

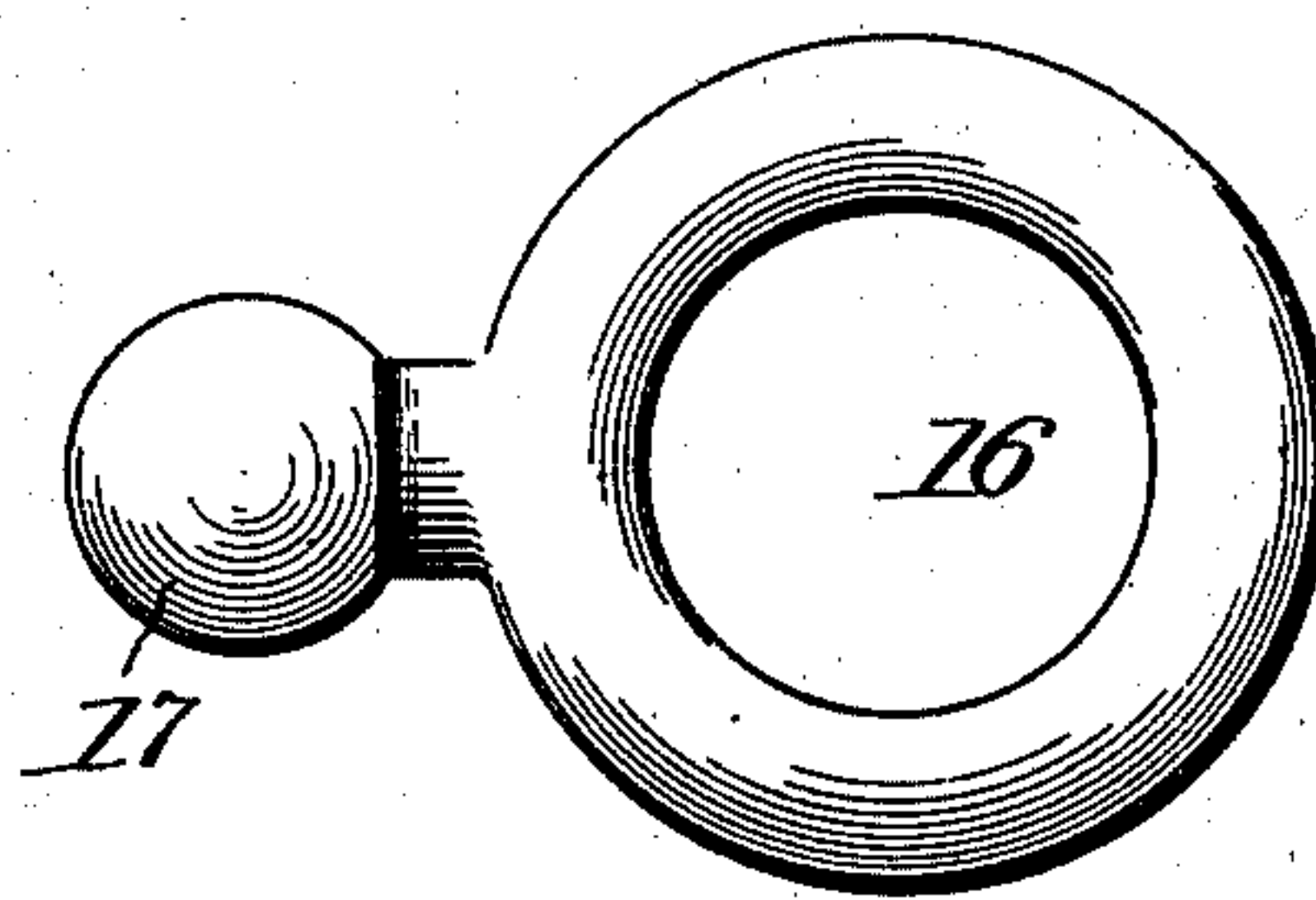


Fig. 2.

WITNESSES:

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MELBOURN WHEELER, OF PRICES BRANCH, MISSOURI.

PLOW-CLEVIS.

SPECIFICATION forming part of Letters Patent No. 749,889, dated January 19, 1904.

Application filed September 18, 1903. Serial No. 173,648. (No model.)

To all whom it may concern:

Be it known that I, MELBOURN WHEELER, a citizen of the United States, residing at Prices Branch, in the county of Montgomery and State of Missouri, have invented new and useful Improvements in Plow-Clevises, of which the following is a specification.

This invention relates to adjustable plow-clevises, and has for its object to produce an improved clevis capable of permitting vertical adjustment to regulate the depth of the plow. It is characterized by improvement with respect to the draft and adjusting means, as more fully hereinafter pointed out.

In the accompanying drawings, Figure 1 is a perspective view of the clevis. Fig. 2 is a side view of a swiveling ring for attaching the clevis to the whiffletree. Fig. 3 is an edge view of the clevis.

Referring specifically to the drawings, 6 indicates the front end of the plow-beam, to which the clevis is attached.

The clevis comprises a frame 7, having parallel sides and edges and containing a rectangular slot or recess 8, through which the screw 9 works. This frame is attached to the front end of the plow-beam by means of arms 10 and a bolt 11 extending through the arms and the beam. One of said arms is adjustable to accommodate the clevis to beams of different thicknesses. It has a threaded shank adapted to be screwed into any one of a series of threaded sockets 12, formed in the rear edge of the plate 7. Slidable upon the frame is a draft piece or bar formed of two sections 13, which embrace the frame and have ways 14 cut therein, in which the frame fits. This construction produces shoulders 15, projecting into the slot behind the front bar of the frame. The strain of the draft thus comes on the shoulders and not on the screw. The

screw extends through a threaded hole in the draft-piece, and by turning the screw the piece is raised or lowered to effect the desired adjustment.

At 16 a swiveling ring is indicated, ending in a pin having a round head 17. This head is received loosely within a round cavity at 18, produced in the meeting faces of the halves of the draft-piece. Said halves are securely joined together by bolts or rivets, (indicated at 19.)

The construction described enables the clevis to be raised or lowered without taking out any pins and without the use of any tools. By turning the screw the desired adjustment is effected.

What I claim as new, and desire to secure by Letters Patent, is—

1. A clevis comprising a frame attachable to the front end of a plow-beam, a draft-piece embracing the frame formed of two meeting sections secured together, and having a cavity in the front end thereof, and a swivel-ring ending in a pin having a spherical head confined in said cavity.

2. A clevis comprising a frame having a vertical slot therein, a screw working in the slot, a draft-piece slidable on the frame and formed of meeting sections secured together and having shoulders fitting in the slot and a threaded hole for the screw, and a swiveling ring clamped between the front ends of said sections.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MELBOURN WHEELER.

Witnesses:

W. W. HAMMACK,
W. A. CROCKETT.