

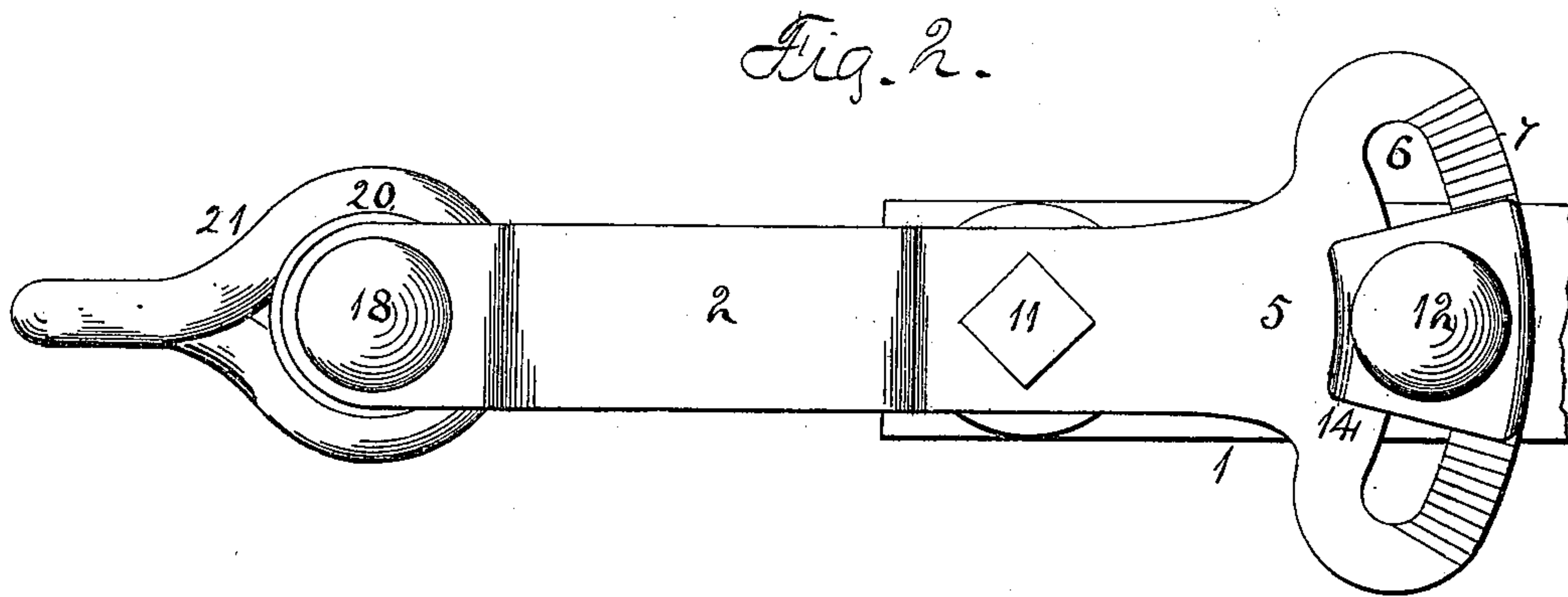
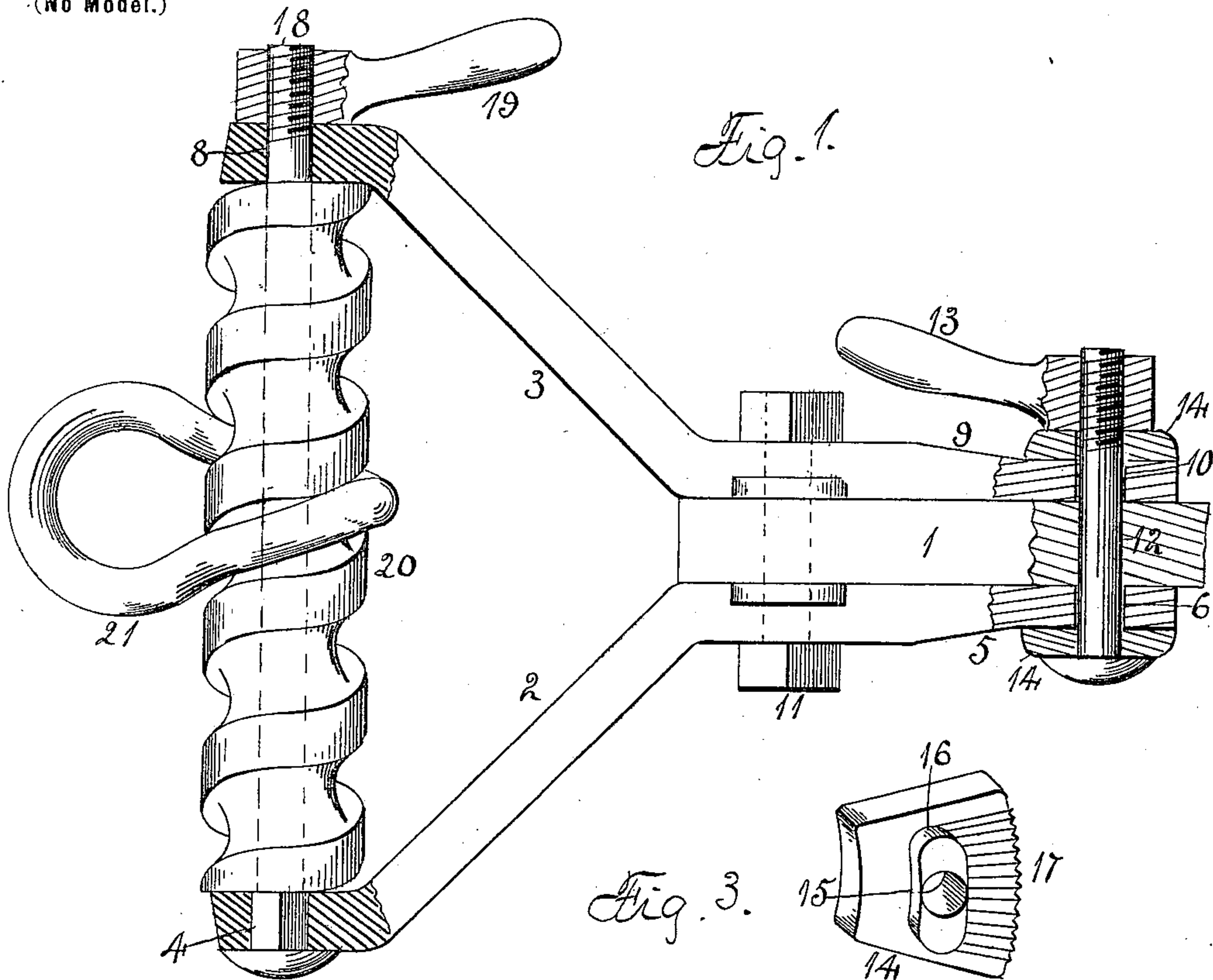
No. 667,610.

Patented Feb. 5, 1901.

L. E. WATERMAN.
CLEVIS.

(Application filed Oct. 13, 1900.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

LEWIS E. WATERMAN, OF ROCKFORD, ILLINOIS, ASSIGNOR TO THE
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CLEVIS.

SPECIFICATION forming part of Letters Patent No. 667,610, dated February 5, 1901.

Application filed October 13, 1900. Serial No. 32,936. (No model.)

To all whom it may concern:

Be it known that I, LEWIS E. WATERMAN, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Clevises, of which the following is a specification.

The object of this invention is to construct a clevis in which two independent side plates are connected to the plow and their free ends connected by a screw around which is placed a ring to which the team is attached, and by means of the screw the ring can be adjusted transverse to the line of draft.

In the accompanying drawings, Figure 1 is a plan view of my improved clevis. Fig. 2 is a side elevation. Fig. 3 is an isometrical representation of one of the serrated toothed clamping-blocks.

To the front end of the plow-beam 1 are pivotally connected two side plates 2 and 3 of a clevis. The side plate 2 has an opening 4 near its front end. Its rear end 5 is provided with a curved slot 6, and the outer face of this end is provided with serrations 7. The side plate 3 has an opening 8 in its front end, and its rear end 9 has a curved slot 10 and serrated face corresponding to the construction of side plate 2. The two side plates have a pivotal connection with the plow-beam 1 by a bolt 11, passing through the parts.

A bolt 12 passes through the plow-beam 1 and curved slots 6 and 10 of the side plates, receiving a screw-threaded lever 13 on one end. Between the screw-threaded lever 13 and the rear end of the side plate 3 and between the head of the bolt and the rear end of the side plate 2 are located blocks 14, one being shown at Fig. 3. These blocks have a central opening 15, a curved projection 16, and a serrated face 17. The bolt 12 is passed through the central openings and the curved projections 16 and located in the curved slots of the rear ends of the side plates, and the serrations of these blocks engage the serrations of the side plates. By means of the screw-threaded lever 13 the blocks are clamped in connection with the side plates of the clevis, thereby forming a connection between the clevis and plow-beam. By loosening the screw-threaded lever until the serrations of the blocks are free of the serrations of the side plates of the clevis and loosening the nut of the bolt 11 the side plates can be moved the extent of their curved slots and again firmly clamped together.

The forward ends of the side plates support a bolt 18, having a clamping-lever 19, screw-threaded on one end. Upon this bolt 18, between the side plates, is located a screw 20, which is free to turn thereon. A twisted link 21 is placed in connection with the screw 20, and its forward end is designed to have a connection with the evener. The rear portion of the link embraces the threads of the screw and is prevented from lengthwise movement until the screw is turned. By means of the screw the link can be finely adjusted in the lengthwise direction of the screw, and when adjusted the front ends of the side plates are clamped against the ends of the screw by means of the bolt 18 and lever 19.

The draft of the team is received by the screw 20 and bolt 18 in their connection with the side plates of the clevis.

I claim as my invention—

1. A clevis consisting of two independent side plates, a screw supported by the side plates and a link surrounding the screw to which the team is attached.

2. A clevis consisting of two independent side plates, a screw located between the ends of the side plates, a bolt passing through the screw connecting it with the side plates and a link surrounding the screw to which the clevis is attached.

3. A clevis consisting of two independent side plates, a screw supported by the side plates and a link surrounding the screw to which the team is attached, the side plates provided with curved slots and serrated faces.

4. A clevis consisting of two independent side plates, a screw supported by the side plates, a link surrounding the screw to which the team is attached, the side plates provided with curved slots and serrated faces, and serrated-faced blocks engaging the serrations of the side plates.

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