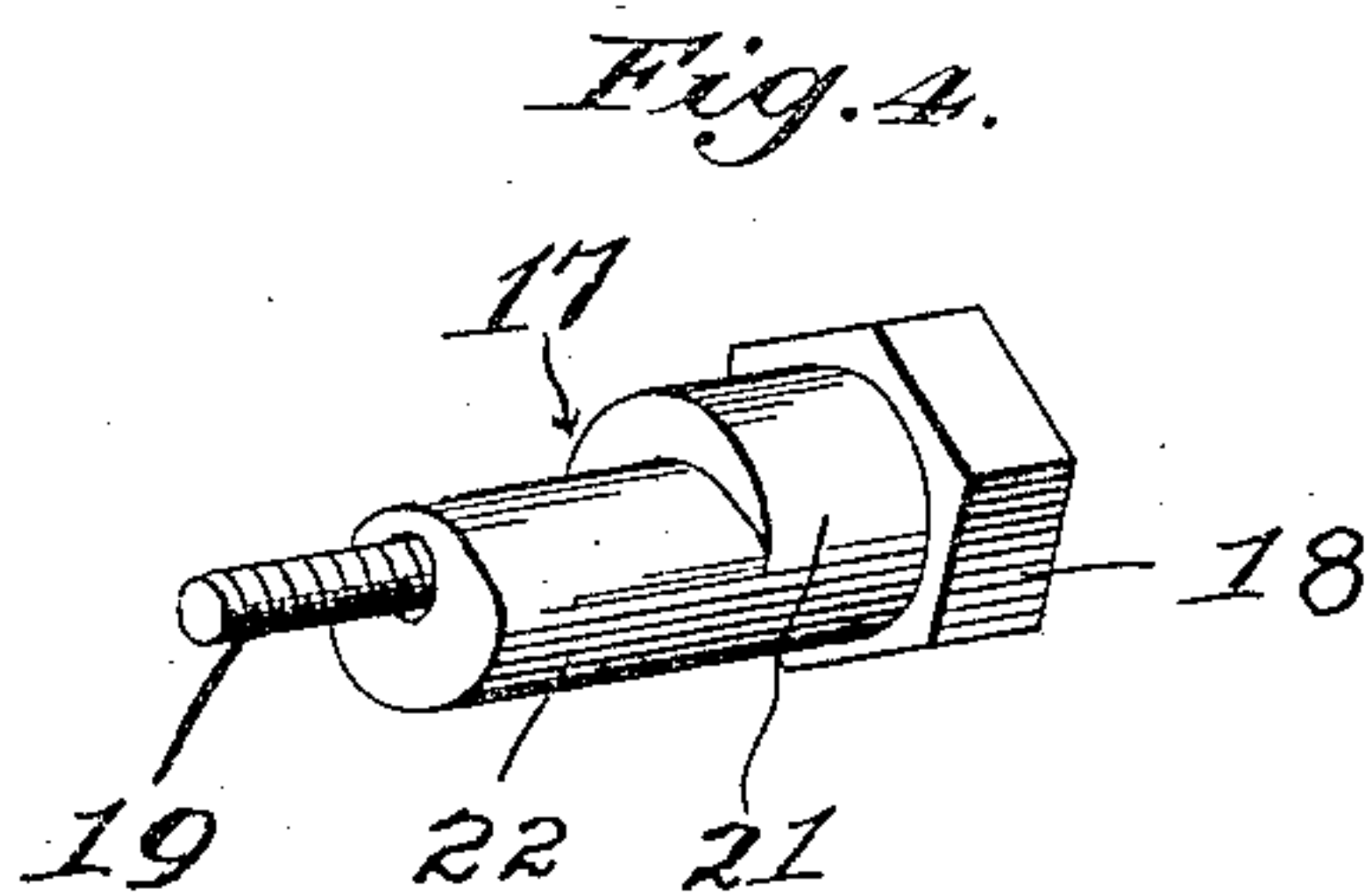
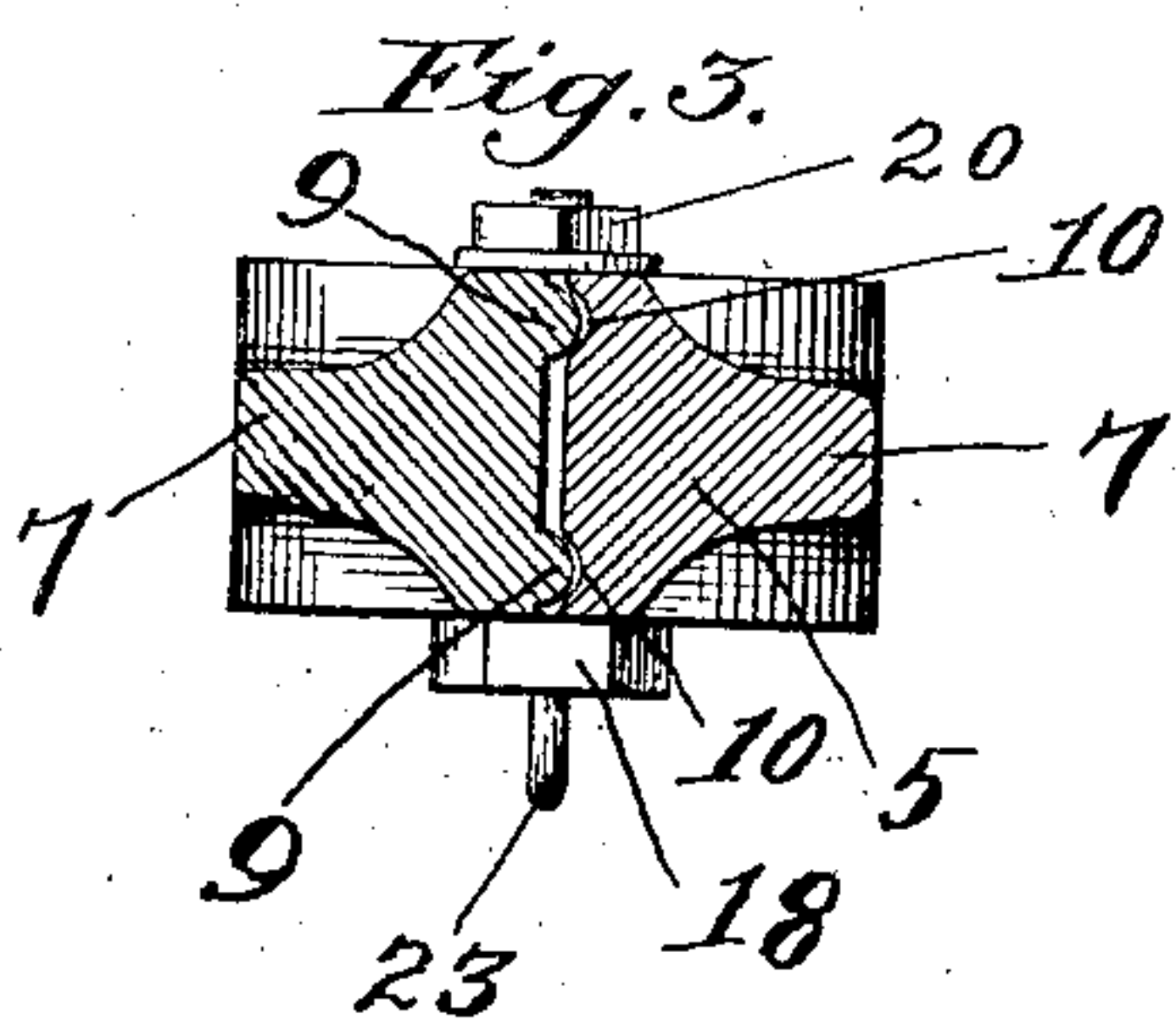
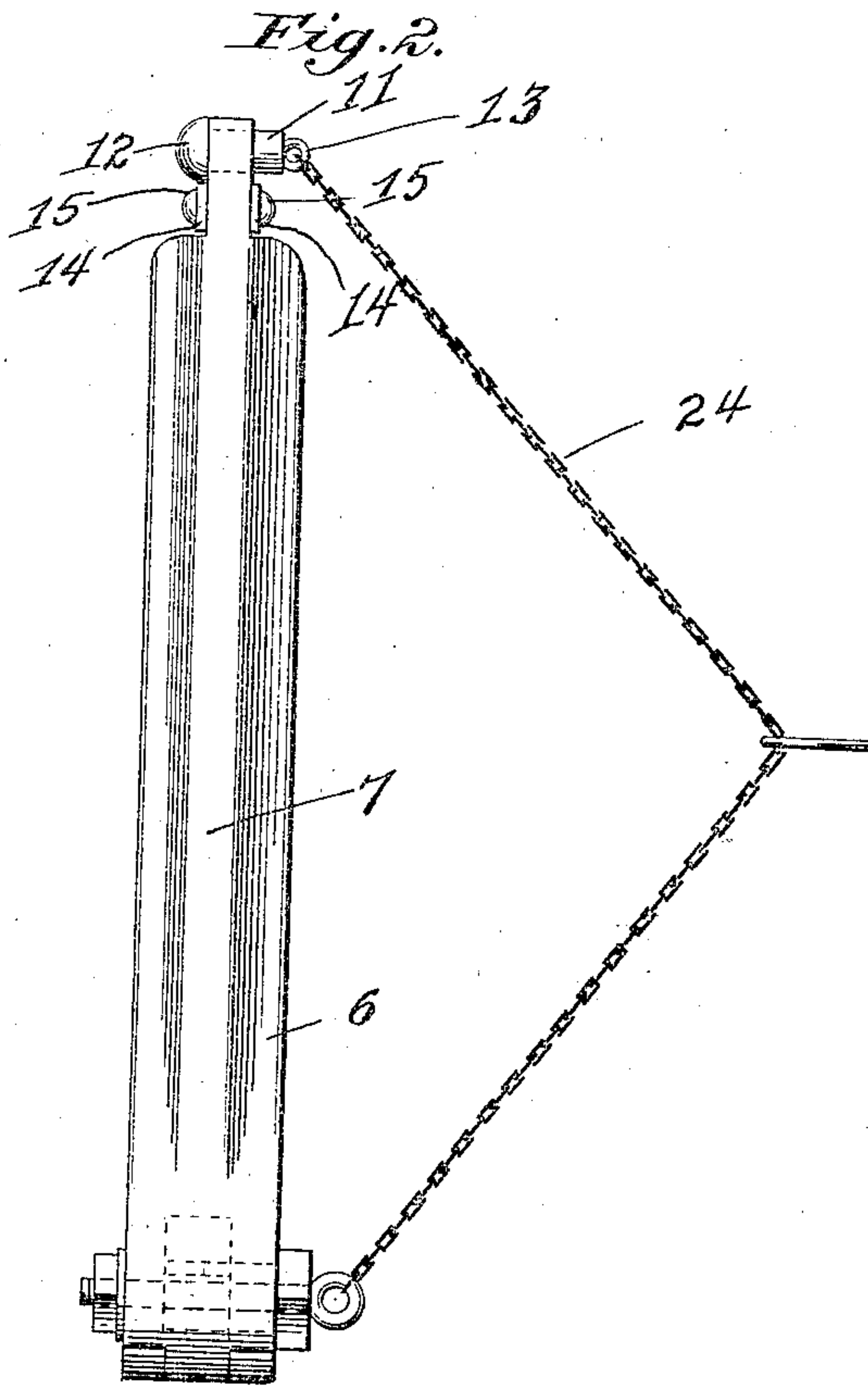
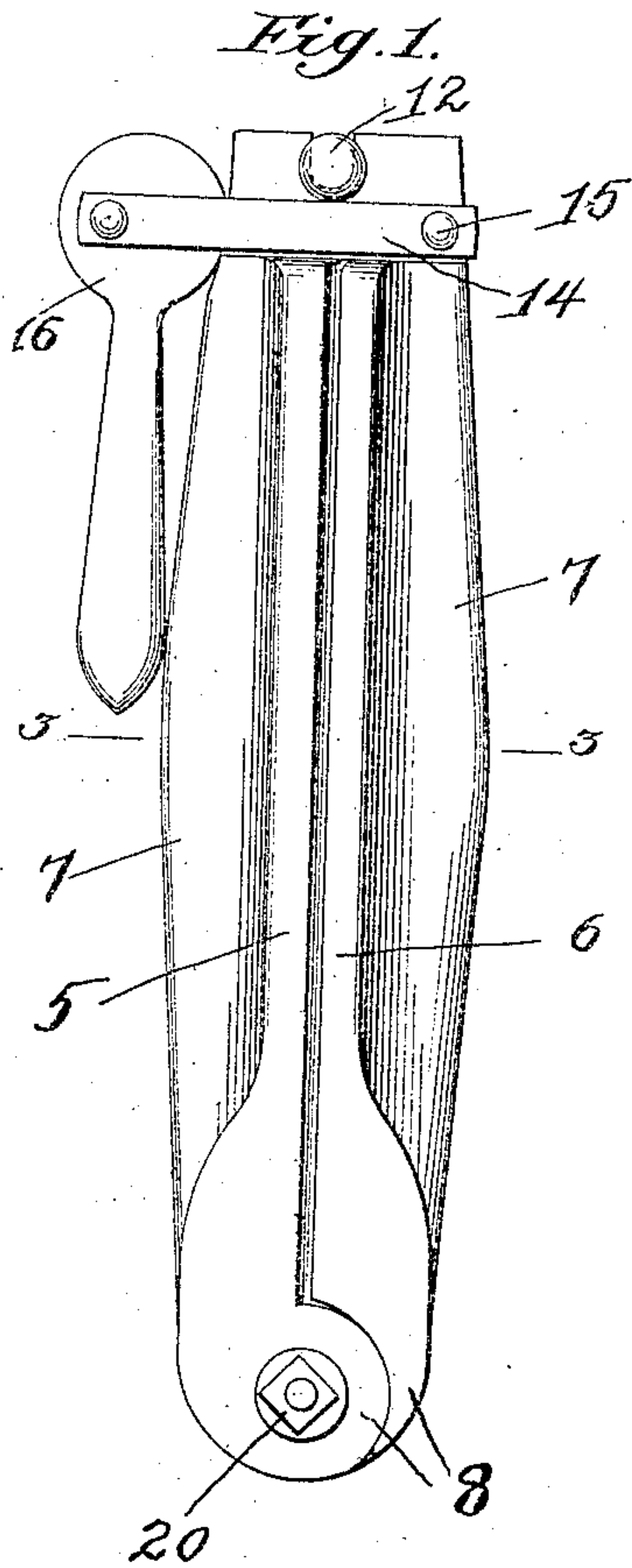


W. N. SQUIRES.
WOVEN WIRE FENCE CLAMP.
APPLICATION FILED FEB. 4, 1909.

931,516.

Patented Aug. 17, 1909.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM N. SQUIRES, OF PRINCETON, MISSOURI.

WOVEN-WIRE-FENCE CLAMP.

No. 931,516.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed February 4, 1908. Serial No. 476,174.

To all whom it may concern:

Be it known that I, WILLIAM N. SQUIRES, a citizen of the United States, residing at Princeton, in the county of Mercer and State of Missouri, have invented certain new and useful Improvements in Woven-Wire-Fence Clamps, of which the following is a specification.

My invention is an improvement in clamps for holding woven fence wire when the same is to be stretched from post to post in erecting a fence, and my object is to provide a strong, durable, and quick-releasing clamp in which provision is made for different widths of the wire, and which supports a quick-releasing draw connecting chain with which the draw is slidably connected for work on inclines and over hills.

In the drawings, which illustrates my invention and form a part of this specification, Figure 1 is a front elevation of my improved clamp. Fig. 2 is a side elevation thereof. Fig. 3 is a cross-section therethrough on line 3—3 of Fig. 1, and Fig. 4 is a detail perspective view of the pivot member and its locking bolt.

In the embodiment of my invention shown, I provide a pair of jaws 5 and 6, which have outer longitudinal supporting ribs 7, and inner flat abutting faces, and are pivotally connected at their enlarged relatively engaging ends 8 by means to be hereinafter described. The abutting faces of said jaws 5 and 6 have relatively engaging longitudinal rounded projections or ribs 9 and channels 10, the ribs being formed on jaw 6 and the channels in jaw 5, thus permitting said jaws to immovably clamp between them the wire to be held.

The inner faces of jaws 5 and 6, at the free ends thereof, have cut-out portions which, when together, form a slot for the reception of a plug 11 having a head 12 at one end thereof and an eye 13 secured in its opposite end. Parallel bars 14 are pivotally secured at one end through jaw 6, by a rivet or like fastening means 15, and pivotally, rotatably support a cam lever 16 between their opposite ends which, as seen in Fig. 1, may have its cam surface rotated against jaw 5 to clamp said jaws together, and serves, when released, and bars 14 rotated outwardly upon their pivot 15, to thrust plug 11 from its slot.

The pivot for jaws 5 and 6 before men-

tioned comprises a member 17, shown in Fig. 4, and which has a nut-shaped head 18 at one end, and an axially projecting threaded stud 19 upon its opposite end. The member 17 is inserted through an opening in jaw 6, its stud 19 extending through a conformable opening through jaw 5 and secured in position by a nut 20 upon said stud. Next to its headed end 18, member 17 is provided with a rounded surface 21 which lies within the opening of jaw 6, and said member is also provided with an eccentric portion 22, extending between the rounded surface 21 and stud 19, and so formed that it is relatively narrow from the axis of member 17 at one side and relatively wide diametrically opposite, said eccentric portion 22 lying between jaws 5 and 6, whereby it may be turned to provide the correct space longitudinally between said jaws for different sizes of wire.

The headed end 18 of pivot member 17 has an axially outstanding eye 23 secured therein, which forms means to secure one end of the draw connecting chain 24, the other end of which is secured to the eye 13 of plug 11, and thus extends slack, longitudinally of the clamp. The draw is connected, by suitable means 25, to chain 24, which means loosely surround said chain 24 whereby to slide thereon and adjust the draw to equalize the pull on the wire fencing. In ordinary use the draw is in the form of a chain, and may have its end link forged about chain 24.

I claim:

1. The combination in a wire fence clamp, of a pair of relatively movable clamping jaws pivoted at one end, means at the opposite ends of said jaws to clamp the same together, a draw connecting chain, and means for securing the ends of said chain upon said jaws, certain of said means being in the path of releasing movement of said clamping means.

2. The combination in a wire fence clamp, of a pair of relatively movable clamping jaws, means at one end thereof to clamp the same together, and a pivot at the opposite end thereof comprising a member having an eccentric portion lying between said jaws whereby to accommodate different sizes of wire.

WILLIAM N. SQUIRES.

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