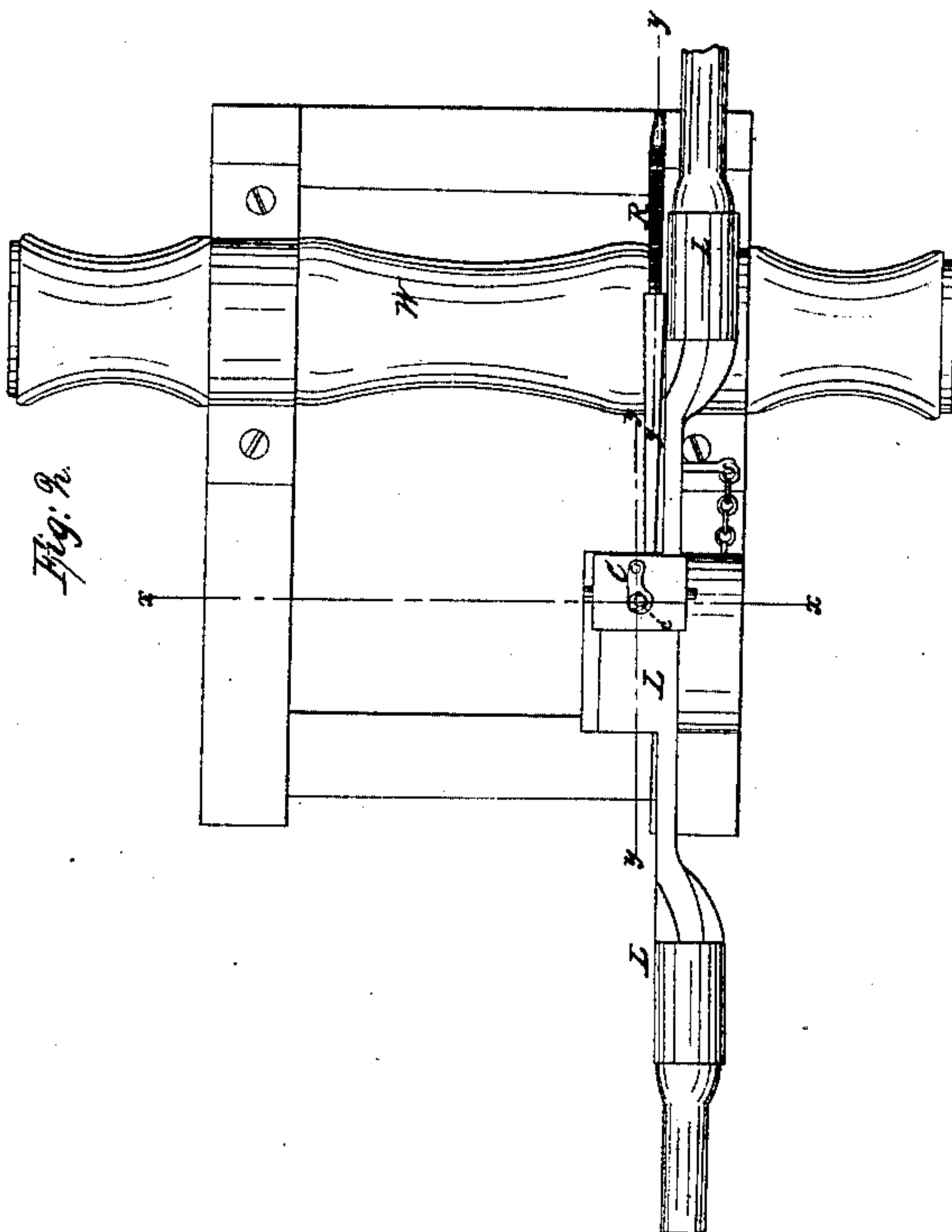
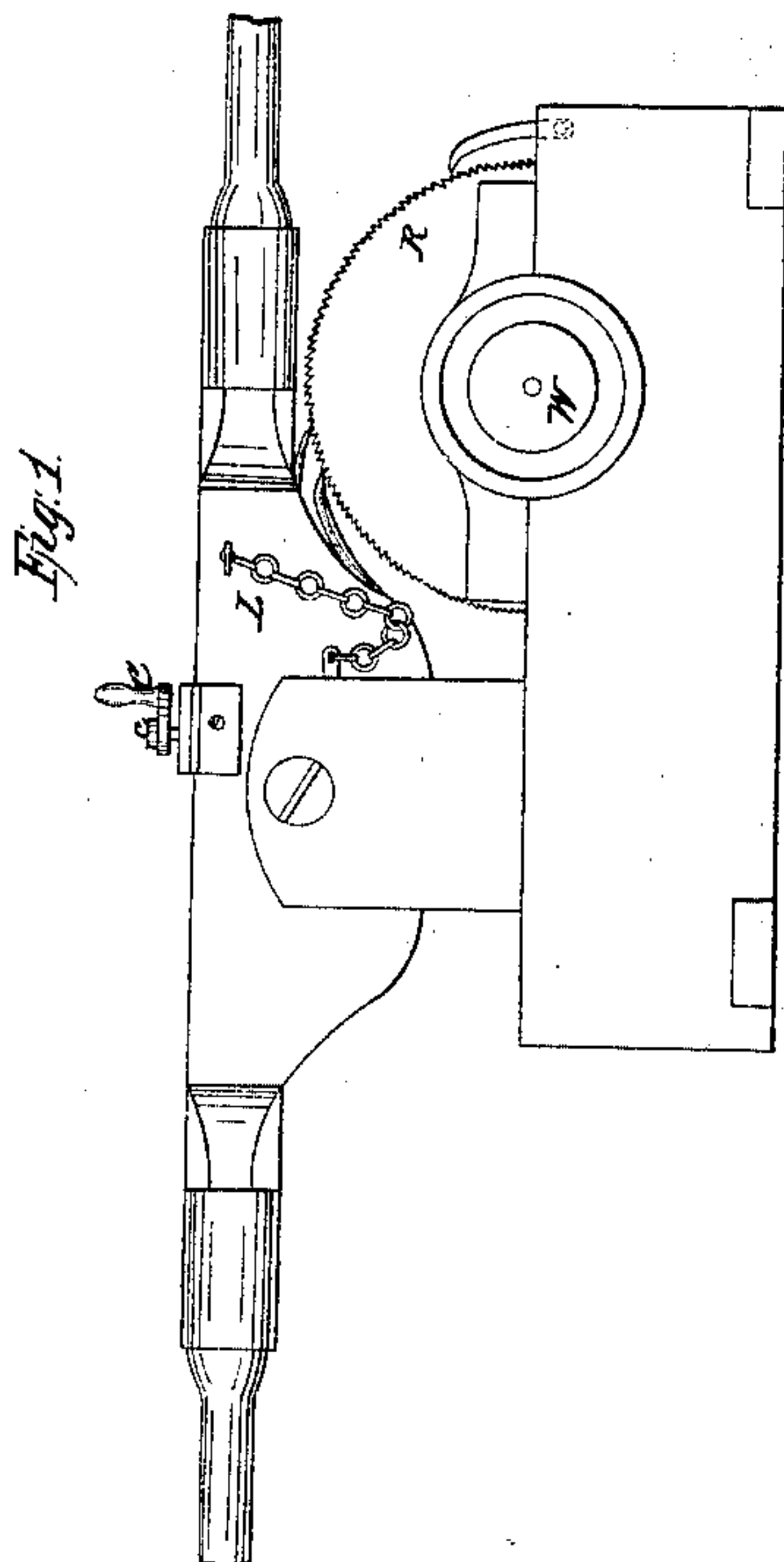
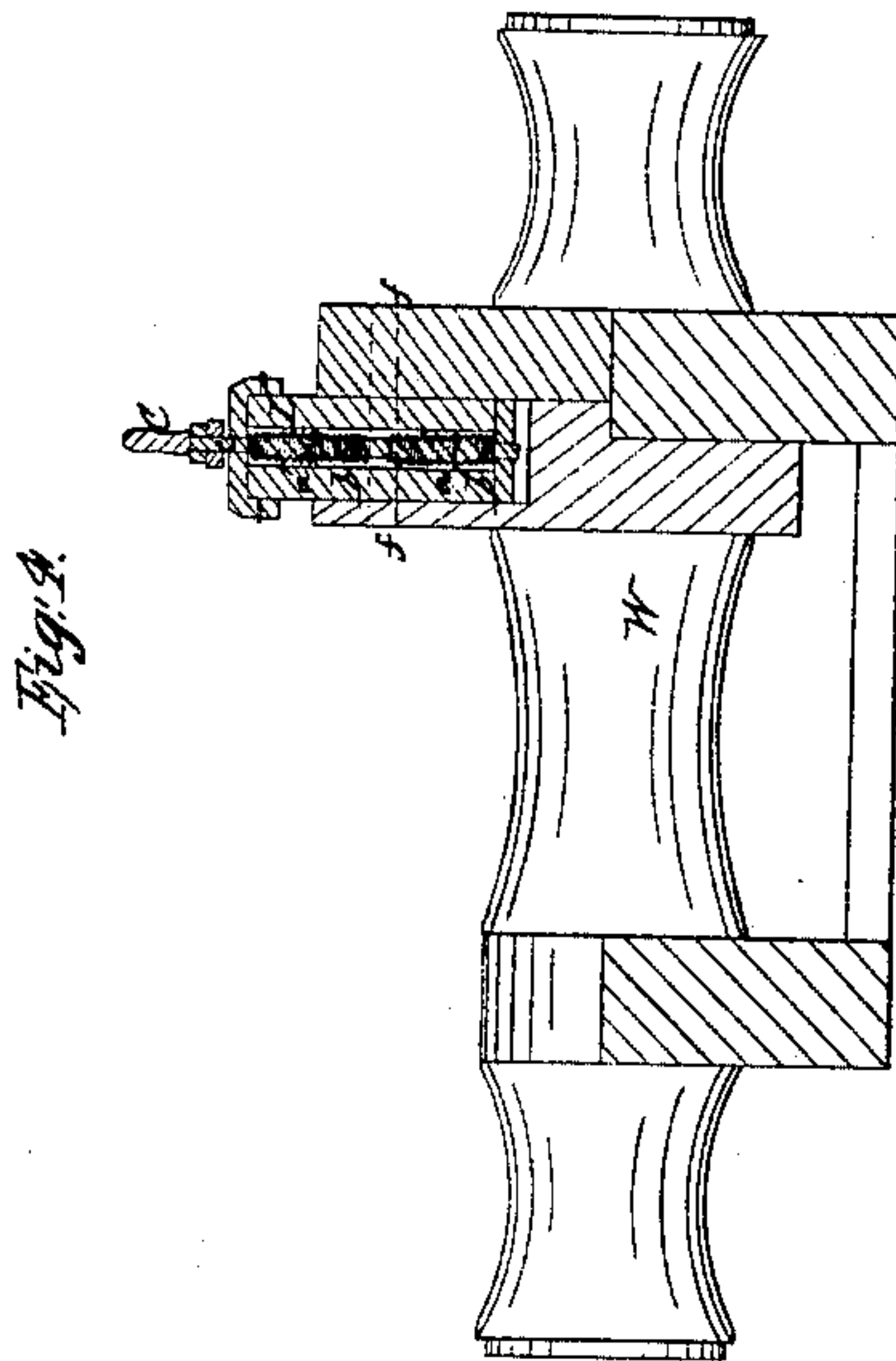
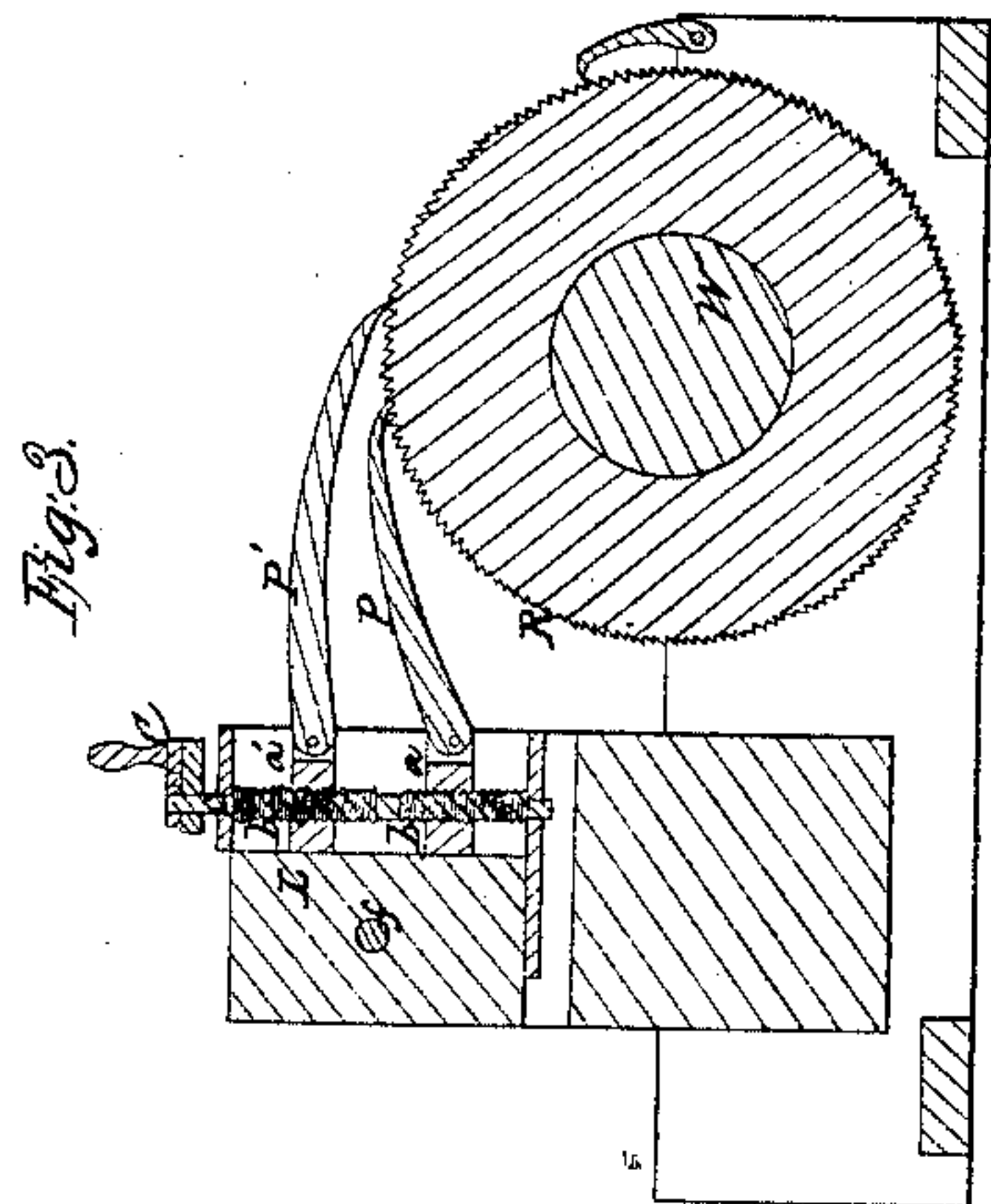


Sanborn & Peery, Windlass.

N^o 17,633.

Patented June 23, 1857.



UNITED STATES PATENT OFFICE.

JOSEPH PEEVY AND A. SANBORN, OF BANGOR, MAINE.

SHIP'S WINDLASS.

Specification of Letters Patent No. 17,633, dated June 23, 1857.

To all whom it may concern:

Be it known that we, JOSEPH PEEVY and ABRAHAM SANBORN, of Bangor, in the county of Penobscot and State of Maine, have invented a new and useful Improvement in Windlasses; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, forming part of this specification, in which—

Figure 1 is a side view of the windlass. Fig. 2 is a top view of the same. Fig. 3 is a vertical section on xx . Fig. 4 is a vertical section on line yy .

Similar characters of reference in the several figures denote the same part.

The nature of our invention consists in an adjustment of the attachment of the pawls as will be hereinafter described, for the purpose of regulating the rapidity of rotation of the windlass.

In the drawing W is the windlass, R its ratchet wheel, L the lever and $P P^1$ the pawls attached, the one above the lever's fulcrum f , and the other below, so as to produce a rotation of the windlass on the depression of either arm of the lever.

The pawls $P P^1$ are hung upon the slide pieces $a a^1$, capable of simultaneous movement in opposite directions by the opposite threads of $b b^1$ of screw c passing through them. This serves to adjust the distance of the points $d d^1$ above and below the fulcrum of lever L , so as to produce the greatest rotation of the windlass when the slides have their maximum separation and causing the rotation to diminish as the slides approach each other. This movement of the slides is effected by turning crank C .

We disclaim the mere placing of the pawls above and below the fulcrum of the lever, but

What we do claim is—

The attachment of the pawls to the slides $a a^1$ operated as and for the purpose specified.

In testimony whereof, we have hereunto signed our names before two subscribing witnesses.

JOSEPH PEEVY.
ABRAHAM SANBORN.

Witnesses:

THOMAS N. GURNSEY,
MARCELLUS EMERY.