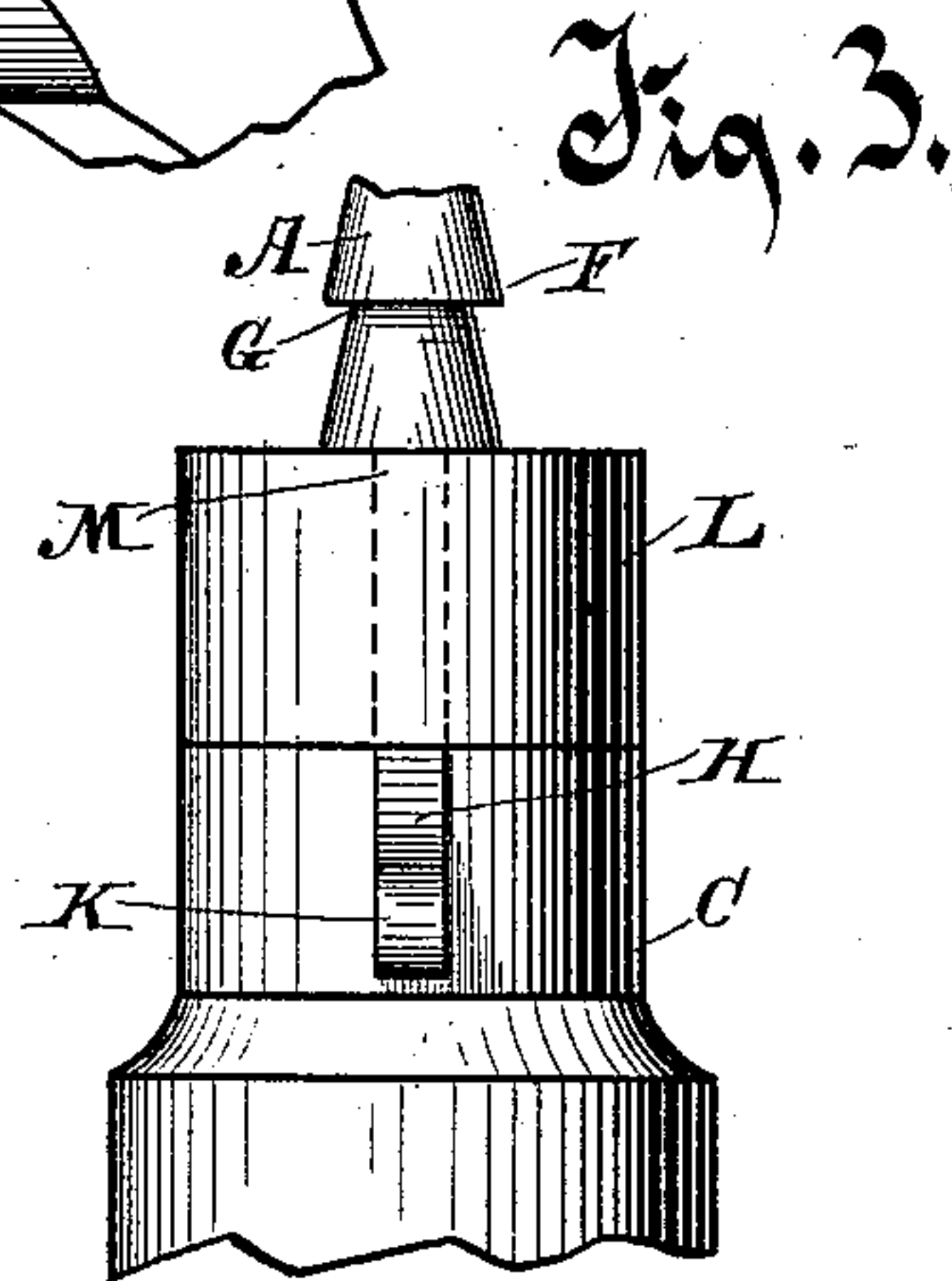
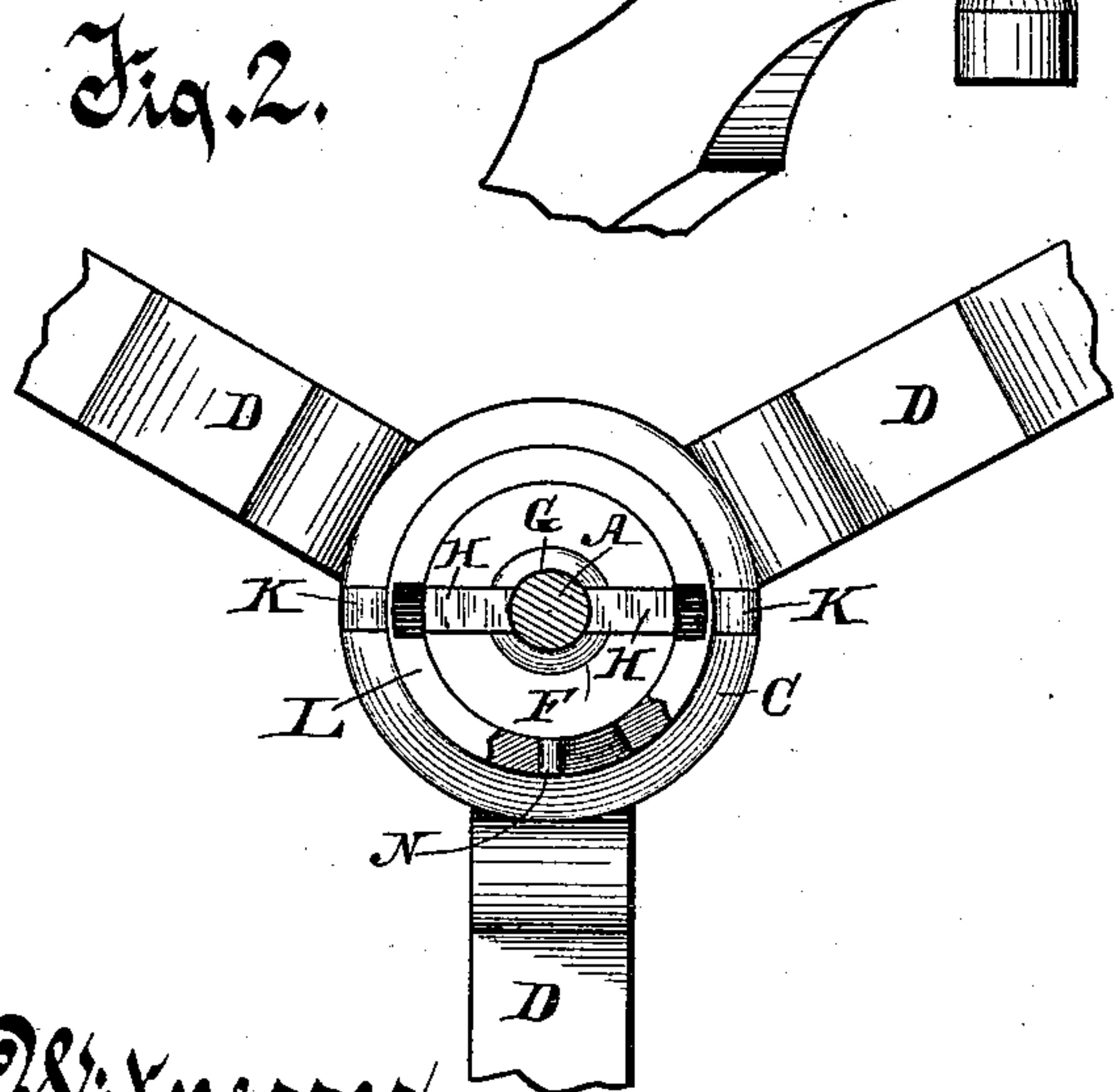
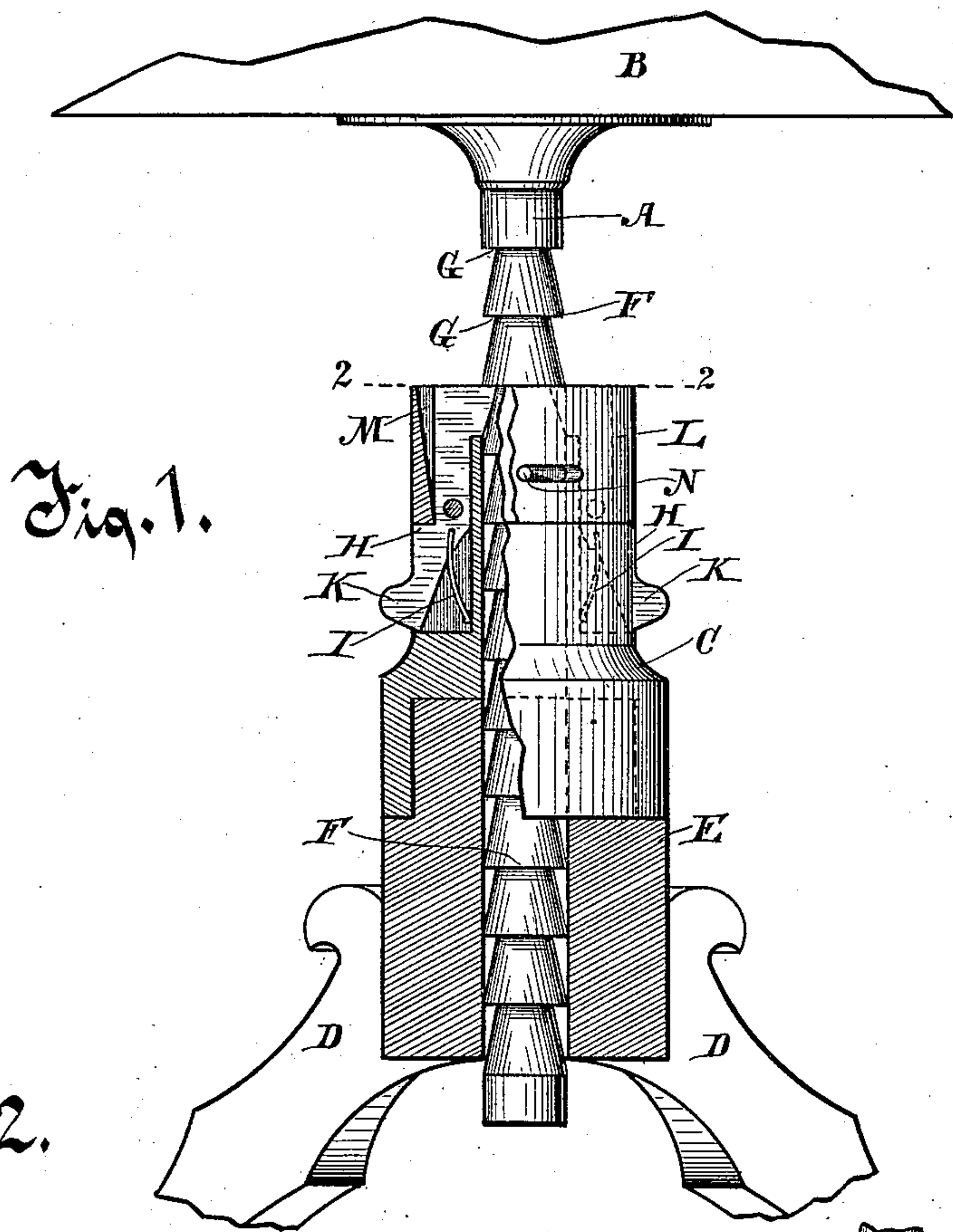


(No Model.)

C. O. PARSONS.
REVOLVING ADJUSTABLE PIANO STOOL.

No. 464,319.

Patented Dec. 1, 1891.



Witnesses.

W. H. Keeney,
Anna V. Faust.

Inventor.

Charles O. Parsons
Curtis T. Benedict
Attorney.

UNITED STATES PATENT OFFICE.

CHARLES O. PARSONS, OF MILWAUKEE, WISCONSIN.

REVOLVING ADJUSTABLE PIANO-STOOL.

SPECIFICATION forming part of Letters Patent No. 464,319, dated December 1, 1891.

Application filed February 25, 1891. Serial No. 382,753. (No model.)

To all whom it may concern:

Be it known that I, CHARLES O. PARSONS, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented a new and useful Improvement in Revolving Adjustable Piano Stools or Chairs, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

My invention relates to a device for supporting the seat of a piano stool or chair rotatably and adjustable vertically on its base or legs.

My newly-invented device is adapted for use either in a piano-stool or in a revolving chair, and I have shown it in the drawings in connection with a piano-stool; but it will be understood that but slight changes, if any, would be required to adapt it for use in a chair.

In the drawings, Figure 1 is an elevation of my complete device in connection with such fragments of a piano-stool as are necessary to show its relation thereto, parts of the device being broken away and portions being shown in section to exhibit interior construction. Fig. 2 is a top plan view on line 2 2 of Fig. 1. Fig. 3 is an elevation of a fragment of the device as seen at right angles to Fig. 1.

The spindle A is secured rigidly to the under side of and supports the seat B. A block C, preferably cylindrical in form, is provided with a central vertical aperture of proper size to receive the spindle A movably therein. The block C is fitted and supported on the legs D conveniently by means of the short post E, secured rigidly to the legs. The spindle A is provided with a series of annular shoulders F, arranged regularly at a little distance apart substantially throughout the length of the spindle. The spindle tapers inwardly from each shoulder upwardly to the next succeeding shoulder, thereby forming annular recesses G. Lever-latches H are pivoted medially in longitudinal slots therefor in the block C, there being advisably two latches located diametrically opposite each other. The inner edges of these latches near the top are beveled to fit the tapering portions of the spindle, and the tops of the latches are adapted to receive the shoulders F thereon and support the spindle and its seat. Springs I are arranged to hold the

latches yieldingly to their work. Knobs K on the lower ends of the latches H are adapted to receive pressure thereon, whereby the latches are tilted and their upper extremities released from engagement with the shoulders on the spindle A.

It will be understood that by means of the device as thus described the seat may be raised at any time by merely lifting it, the spindle being carried upwardly past the yielding latches, and that the seat being released from the lifting-power will be caught by the latches engaging a shoulder on the spindle, and will thereby be supported at the desired height.

To lock the latches H in engagement with the spindle, so as to prevent vertical movement of the spindle in the block C, a sleeve or band L, fitted rotatably in a recess therefor about the top of the block C, is provided with recesses M, registering normally with the latches H and into which recesses the upper arms of said lever-latches may be tilted to disengage them from the shoulders F. When the latches H are in their normal position in engagement with a collar F, the sleeve L may be rotated limitedly, thus locking the latches in engagement with the spindle. A pin N, fixed in the block C and entering a transverse slot therefor in the sleeve L, is adapted to limit the rotary movement of the sleeve.

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

The combination, with a seat-supporting spindle and annular shoulders thereon, of a leg-supported block through which the spindle passes movably, a spring-actuated latch pivoted in a slot therefor in the block, the upper end of which latch is arranged to engage an annular shoulder on the spindle and support the spindle revolvably thereon, and a sleeve revoluble on the block about the latch, the sleeve being provided with a recess to permit the tilting of the latch therein and being arranged when rotated limitedly to lock the latch in engagement with the spindle, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES O. PARSONS.

Witnesses:

C. T. BENEDICT,
ANNA V. FAUST.