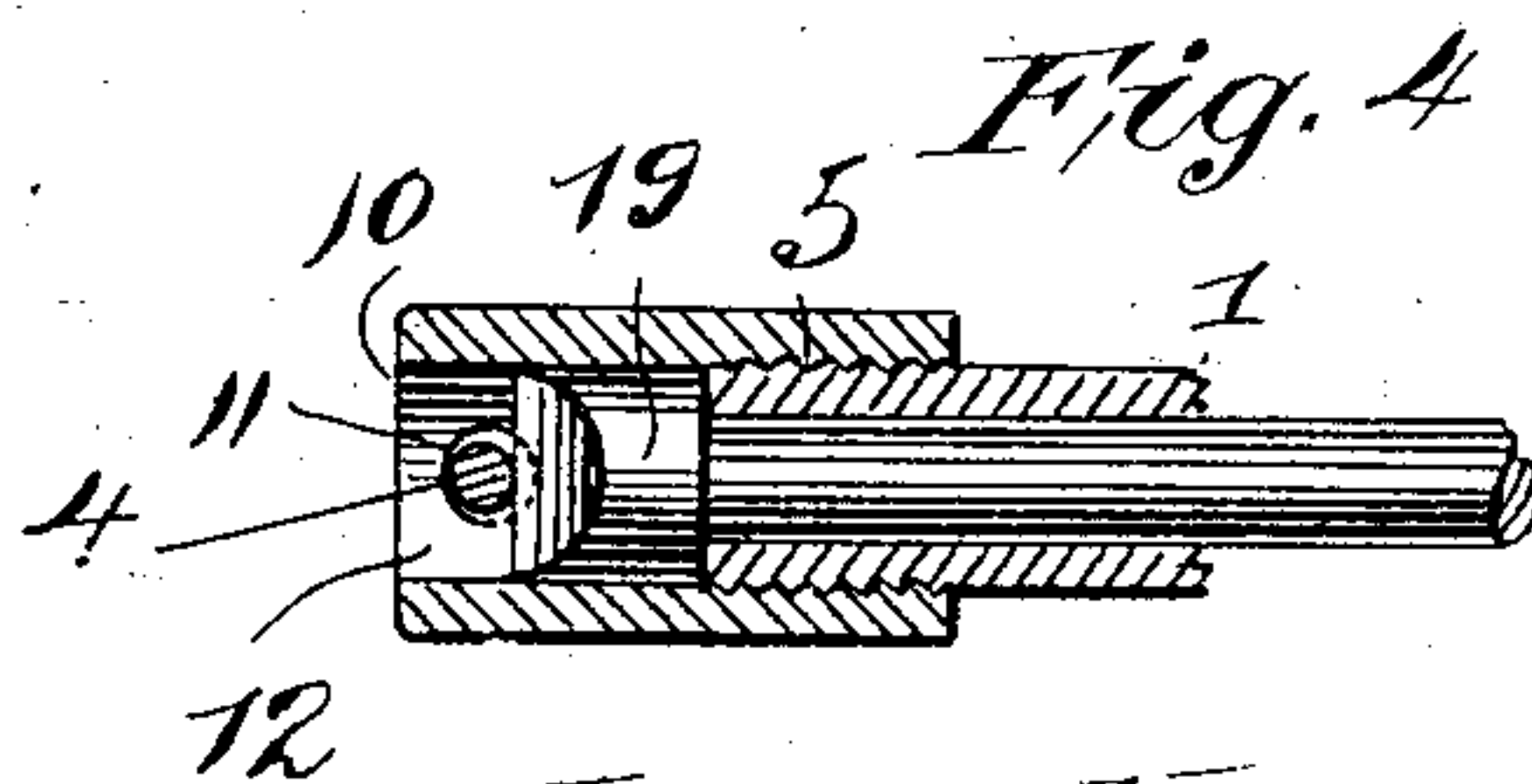
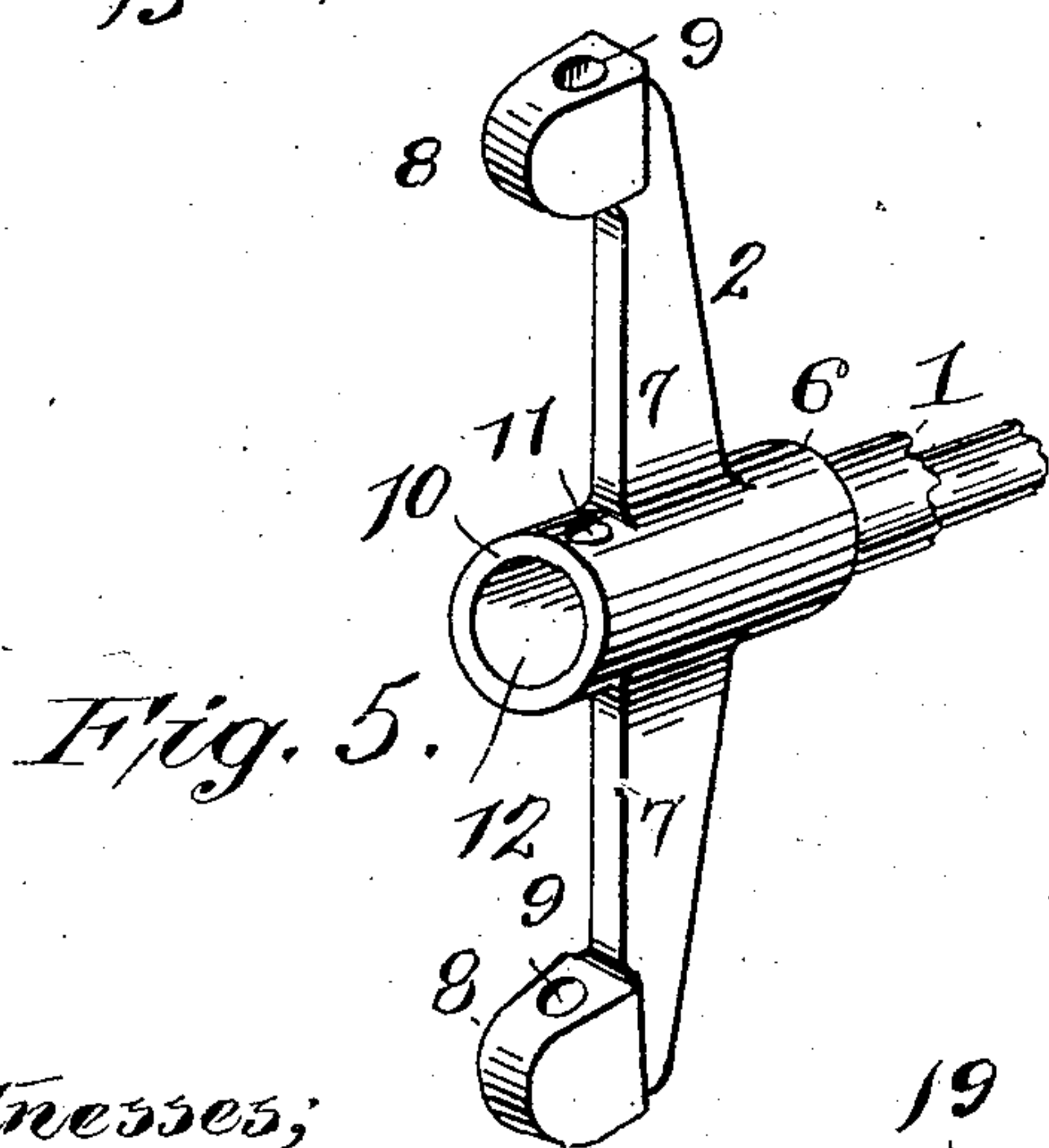
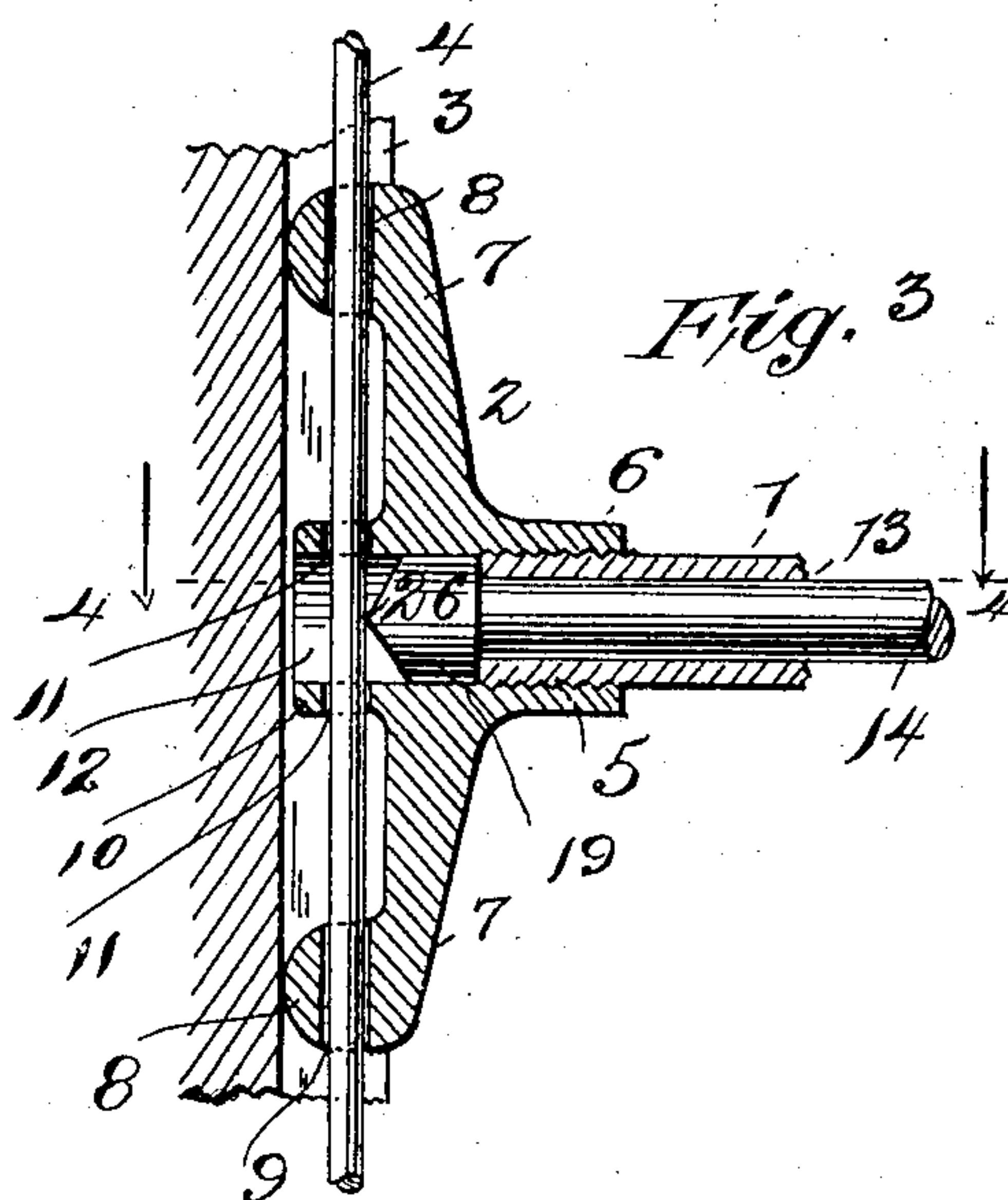
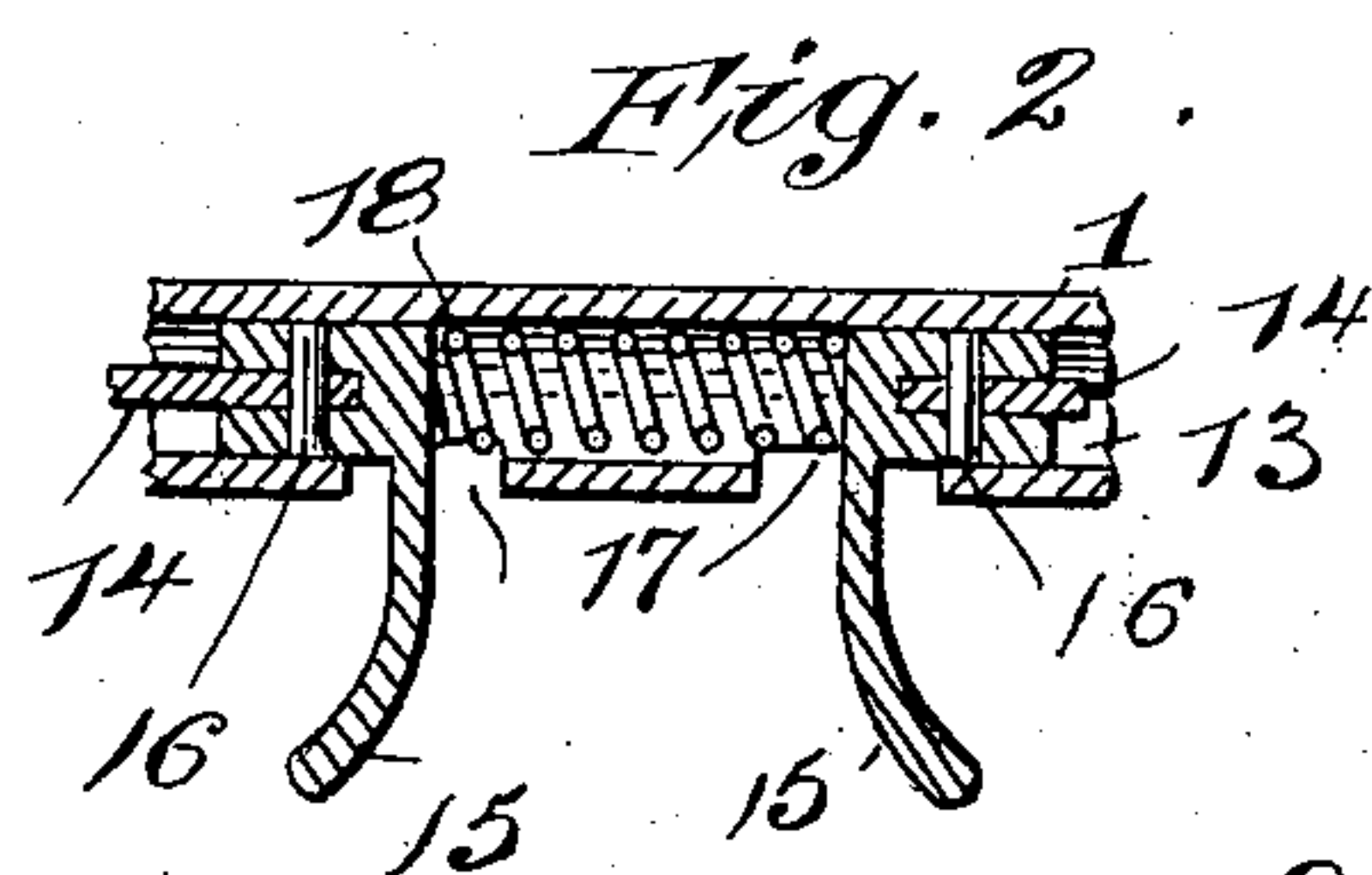
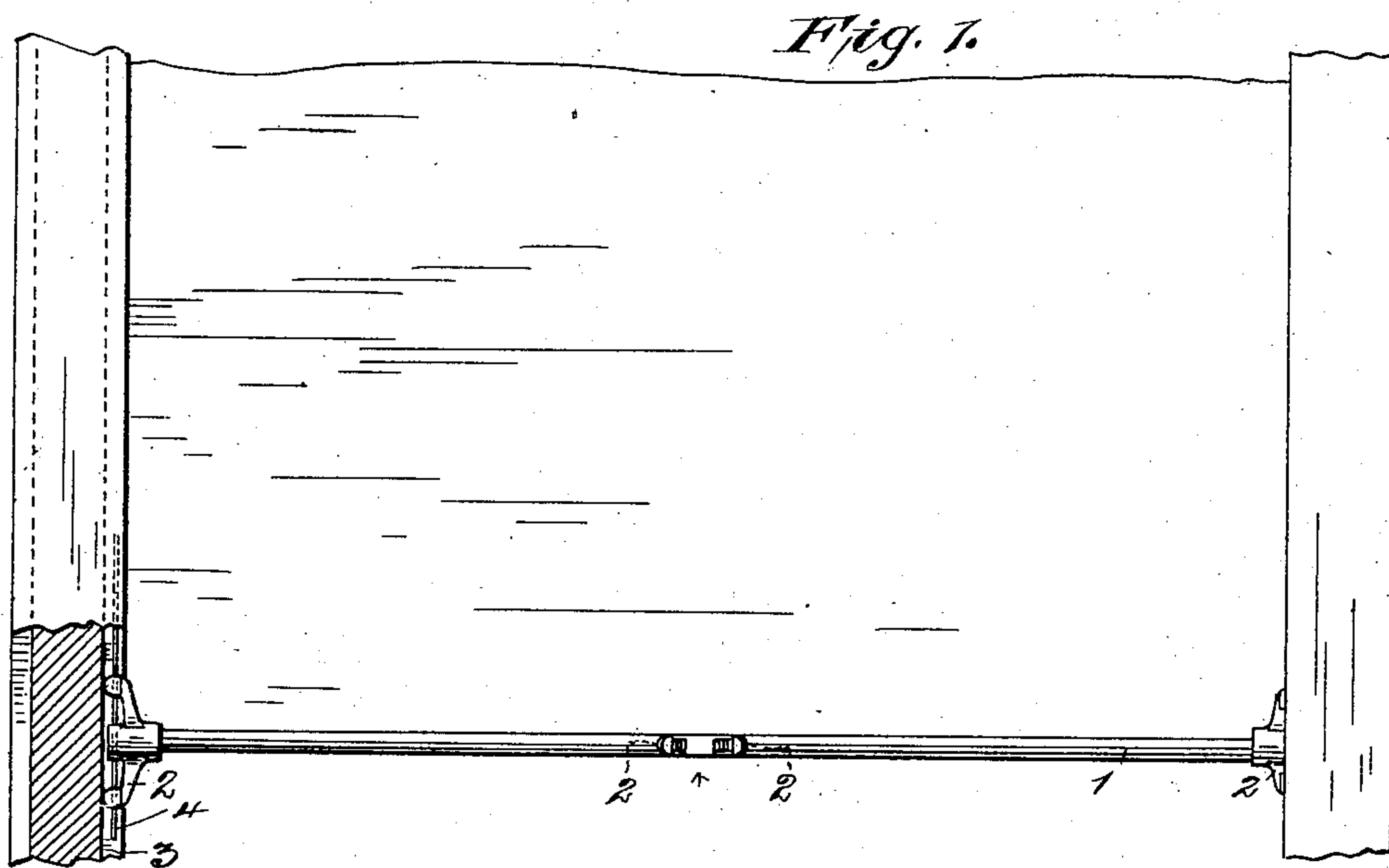


No. 774,951.

PATENTED NOV. 15, 1904.

C. K. PICKLES.
CURTAIN ROD FOR CARS.
APPLICATION FILED JAN. 28, 1904.

NO MODEL.



Witnesses;
C. M. Benjamin
Phas M. M. M.

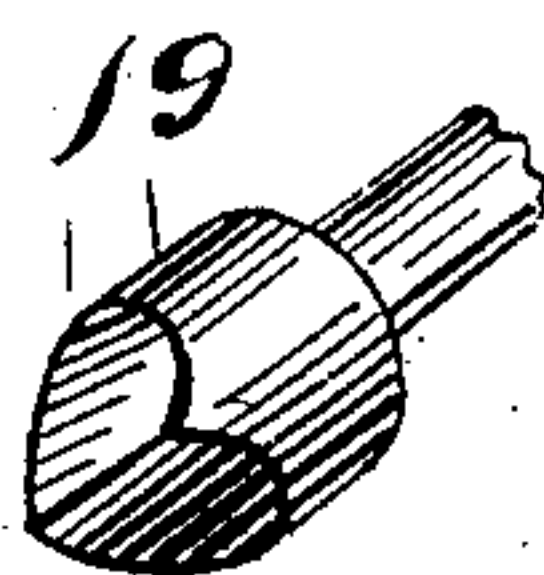


Fig. 6. by Joseph L. Bay
His atty

Inventor
Charles K. Pickles

UNITED STATES PATENT OFFICE.

CHARLES K. PICKLES, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
JOHN A. BRILL, OF PHILADELPHIA, PENNSYLVANIA.

CURTAIN-ROD FOR CARS.

SPECIFICATION forming part of Letters Patent No. 774,951, dated November 15, 1904.

Application filed January 28, 1904. Serial No. 191,069. (No model.)

To all whom it may concern:

Be it known that I, CHARLES K. PICKLES, a citizen of the United States, and a resident of the city and county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Rods for Cars, of which the following is a specification.

My invention resides in the novel construction of curtain attachment such as is attached to the bottom of the curtain to hold the same in its proper vertical positions, the object of my invention being to provide a curtain-rod which will be simple and economical in construction and efficient for its purpose, having few parts, which will not get out of order.

For a more particular description of my invention reference is to be had to the accompanying drawings, in which similar reference characters designate like parts throughout the several views.

Figure 1 is a front elevation of a curtain and rod. Fig. 2 is a section through the finger-pieces and spring, taken on the line 2 2 of Fig. 1 looking in the direction of the arrows. Fig. 3 is a vertical section through the casing and foot. Fig. 4 is a section on the line 4 4 of Fig. 3 in the direction of the arrows. Fig. 5 is a perspective view of the guide-foot, and Fig. 6 is a perspective view of the head of the rod.

In the drawings, 1 represents a casing adapted to be attached to the lower end or hem of a curtain in the usual manner, to which are attached at each end a foot 2, which latter are adapted to move in post-grooves in the car-posts 3. The post-groove is provided with a longitudinal band 4, on which the foot is guided and which retains the rod in its proper position between the posts. The foot is attached to the casing by means of screw-threads 5 on the foot, which unite with the threads on the casing. The foot consists of the cylindrical portion 6, from which diverges two vertical arms 7, having jaws 8 at their ends, provided with apertures 9, through which the guiding-band passes. The central cylindrical portion extends out beyond the point of divergence of the two arms 7, as at 10, and is

provided with vertically - alining apertures 11, through which the band is also adapted to pass, the apertures 9 and 11 all being in vertical alinement. The bore 12 of the foot is in alinement with the bore 13 of the casing. Within the casing are provided longitudinally-disposed rods 14, to the inner end of each of which is secured a finger-piece 15 by means of a pin 16, the finger-pieces passing outwardly through the apertures 17 of the casing and are separated and forced apart by means of the spring 18, which is within the casing and lies between the finger-pieces. The opposite or outer ends of the rods are provided with an enlarged cylindrical head 19, adapted to fit the cylindrical bore of the foot and to move longitudinally therein. The head is formed with an angle end to form the central wedging edge 20.

In applying this curtain-rod to a railway-car having post-grooves and vertical guide-bands therein the rod is placed in its proper position between the two posts and the band 4 is passed through the apertures 9 and 11, so that each foot will be guided on a vertical band. The two inner rods being forced apart by means of a spring force the end pieces 19 against the band 4, causing the band to be gripped by means of the casing 10 and the rod. When in use, the rods when in their normal position are forced outwardly by the springs. When it is desired to raise or lower the curtain, the finger-pieces are pressed together, thus drawing the rods toward each other until the ends are released from contact with the bands, when the rod is free to move up or down.

Having described my invention, what I claim is—

1. In a car or similar vehicle, having side posts or stanchions, flexible bands, curtain-actuating means, comprising a casing, feet secured to the ends of the casing, said feet having apertures through which the bands pass, a space between said apertures to allow for distortion of said band longitudinally of the feet, sliding rods in the said casing extending into the feet between the apertures therein,

said rods being adapted to be forced outwardly against said bands, and means for actuating said rods.

2. In a car or similar vehicle, having side
5 posts or stanchions, vertically-disposed flexible bands, a curtain attachment comprising a casing, feet attached to the casing having apertures through which said bands pass, sliding rods extending through the casing and
10 feet, said rods having V-shaped outer ends, adapted to be forced against said bands, finger-pieces for retracting the rods, and a spring to force the rods outwardly.

3. In a car or similar vehicle, stanchions
15 having longitudinal grooves, bands in said grooves, a curtain, having controlling means comprising a hollow casing, feet movable in the stanchion-grooves secured to said casing, said feet having a bore alining with the bore
20 of the casing, and vertically-alining apertures in the feet through which the bands pass, rods movable in the casing, and enlarged heads on

the rods adapted to be forced against the bands between the vertically-alining apertures in the feet and means for actuating said rods. 25

4. In a car or similar vehicle, stanchions having longitudinal grooves, bands in said grooves, a curtain having controlling means comprising a hollow casing feet movable in the stanchion-grooves secured to said casing, said feet having vertically-alining apertures through which the bands pass, movable rods in the casing, extending into the feet, between the apertures in the latter, finger-pieces on the inner ends of the rods, and a
35 spring to force the rods apart.

Signed in the city and county of Philadelphia, State of Pennsylvania, this 25th day of January, 1904.

CHARLES K. PICKLES.

Witnesses:

TERRENCE McCUSKER,
WM. J. FERDINAND.