

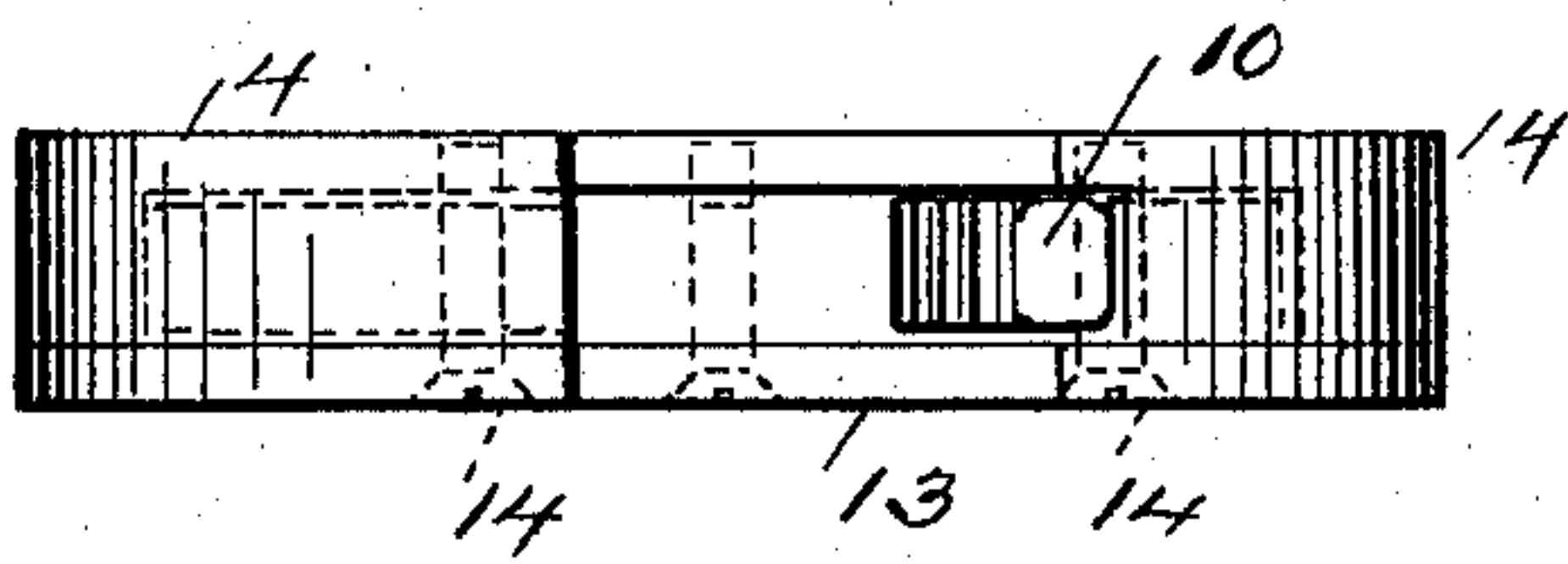
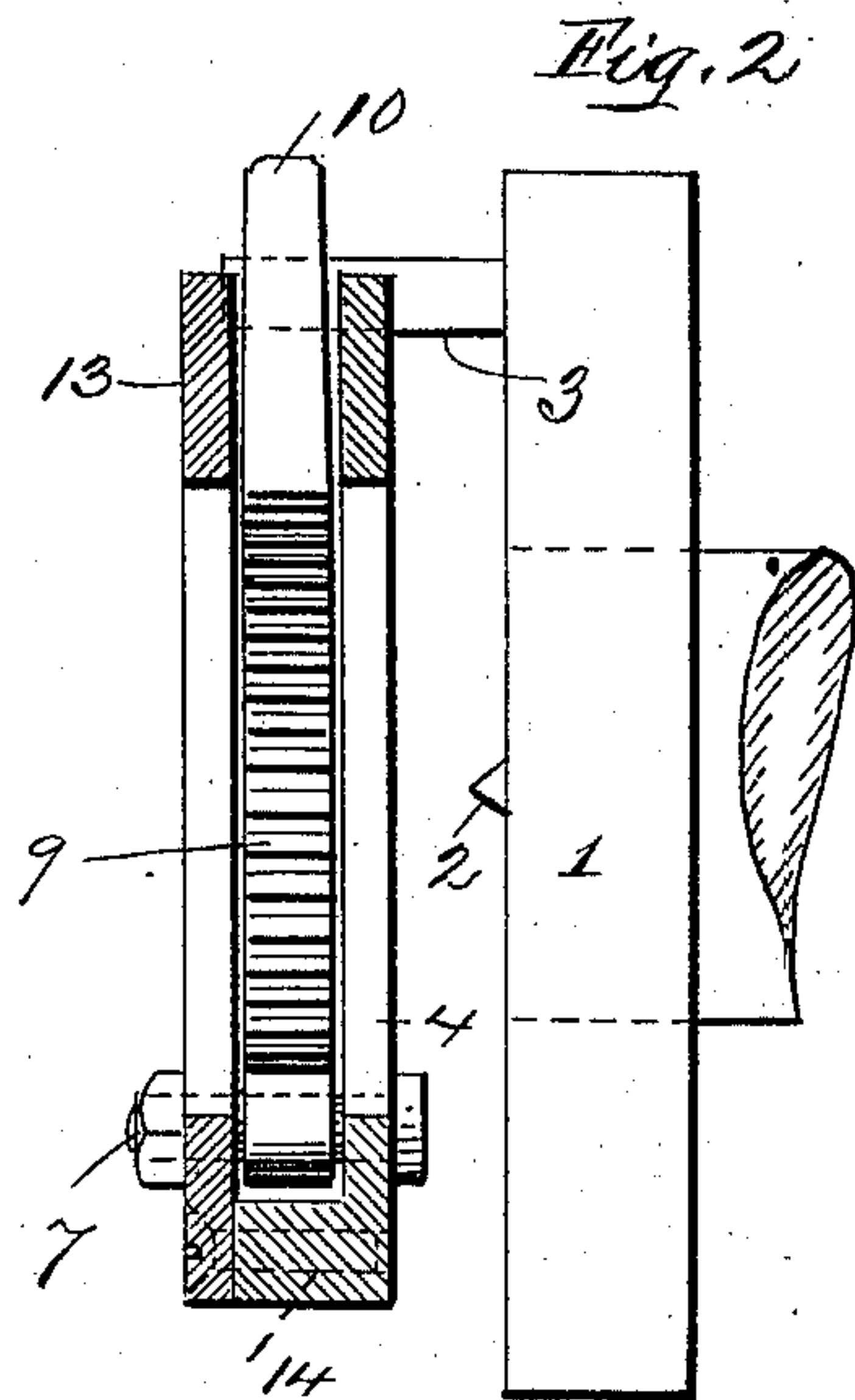
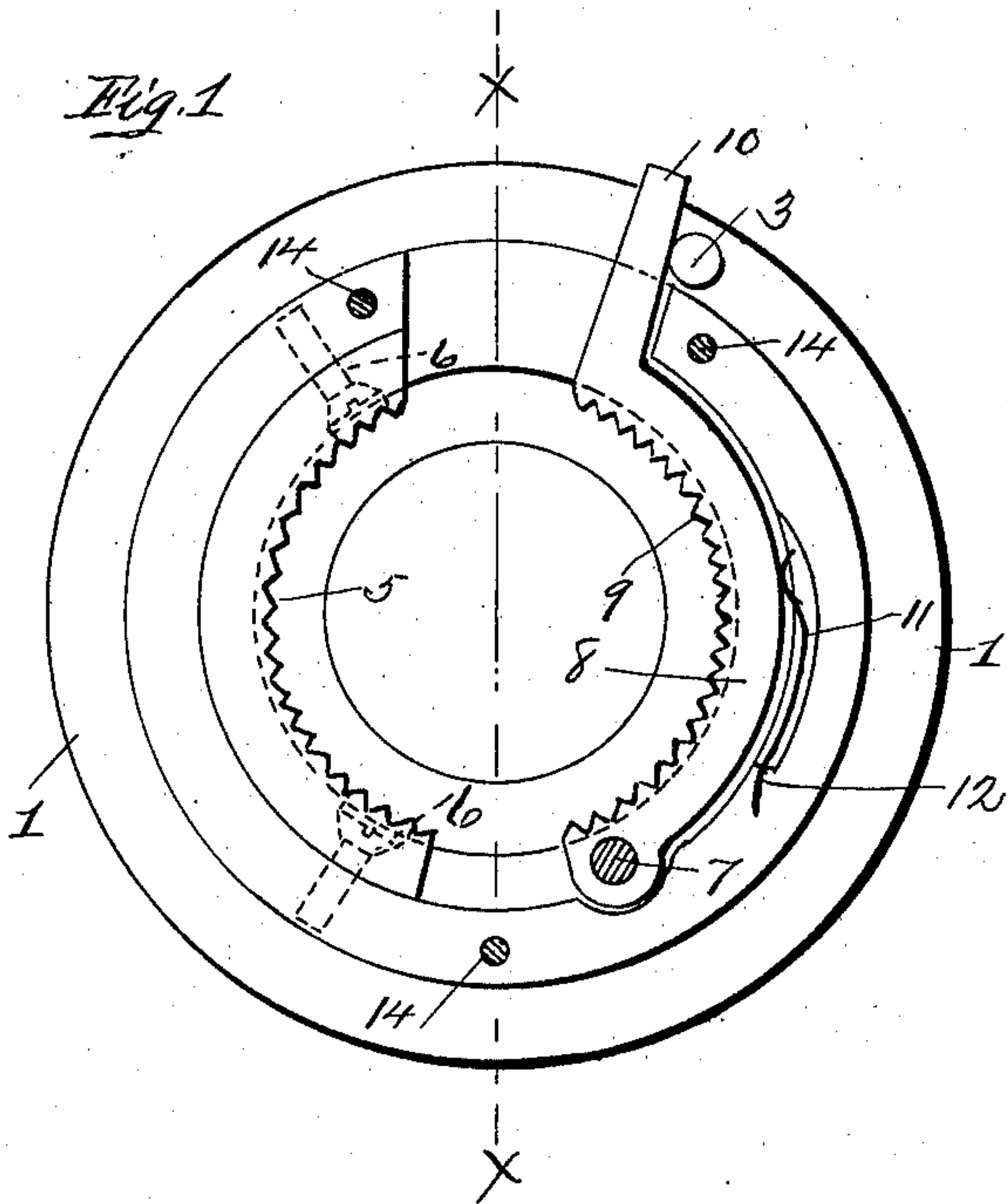
No. 757,255.

PATENTED APR. 12, 1904.

C. E. BROWN.
DOG FOR LATHES.

APPLICATION FILED MAR. 14, 1903.

NO MODEL.



Witnesses:
M. E. Nairn
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By Inventor.
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UNITED STATES PATENT OFFICE.

CHARLES EVAN BROWN, OF ALLEGHENY, PENNSYLVANIA.

DOG FOR LATHES.

SPECIFICATION forming part of Letters Patent No. 757,255, dated April 12, 1904.

Application filed March 14, 1903. Serial No. 147,715. (No model.)

To all whom it may concern:

Be it known that I, CHARLES EVAN BROWN, a citizen of the United States, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Dogs for Lathes, of which improvement the following is a specification.

This invention relates to an improved dog for lathes; and it consists in the certain details of construction and combination of parts, as will be fully described hereinafter.

In the accompanying drawings, Figure 1 is a front elevation of my improved dog for use upon lathes, having the front plate removed therefrom, the same being constructed and arranged in accordance with my invention. Fig. 2 is a sectional side elevation of the same, the said section taken on the line X X of Fig. 1. Fig. 3 is a plan view of the same.

To put my invention into practice, and thereby provide a device for lathes known in the art as a "dog," I form from suitable material an annular plate 4, having a central opening through which the piece passes for connection with the center point 2 of the face-plate 1 and the said face-plate being provided with an outwardly-projecting pin 3, as shown at Figs. 1 and 2 of the drawings. This annular portion 4 is formed with a recess and fitted with a front plate 13, attached thereto by means of screws 14, also with a stationary segmental serrated bar 5, held in position by countersunk screws 6. Diametrically opposite this stationary serrated portion 5 is another concaved serrated bar, 8, similar in construction, only attached in position by a pivot 7 and

formed with an integral lever portion 10, adapted to engage with the above-mentioned pin 3, projecting from the face-plate 1. This movable serrated piece 9 is backed by a spring 11, secured in the casting, as at 12, which tends to keep the said piece thrust inwardly or toward the center of the device.

In operation this dog is used in the same manner as those now in common use and will be readily understood by those skilled in the art.

Slight modifications and changes may be made in the details of construction without departing from the spirit of the invention. Therefore I do not wish to confine myself to that shown and described.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In combination, a circular plate 4 having a circular flange extending part way around it, an annular plate 13 secured to the flange, a stationary concaved serrated bar 5 seated in said plate 4, a pivoted serrated bar 8, having a lever and extending beyond the circumferences of said plates and limited in its movements by the ends of the flange of said plate 4, and a spring pressing against said pivoted bar, as set forth.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

CHARLES EVAN BROWN.

In presence of—

JOHN GROETZINGER,
H. J. LEVIS.