

C. F. RIGBY.
OIL SAVER.

APPLICATION FILED MAR. 12, 1910.

983,314.

Patented Feb. 7, 1911.

FIG. 1.

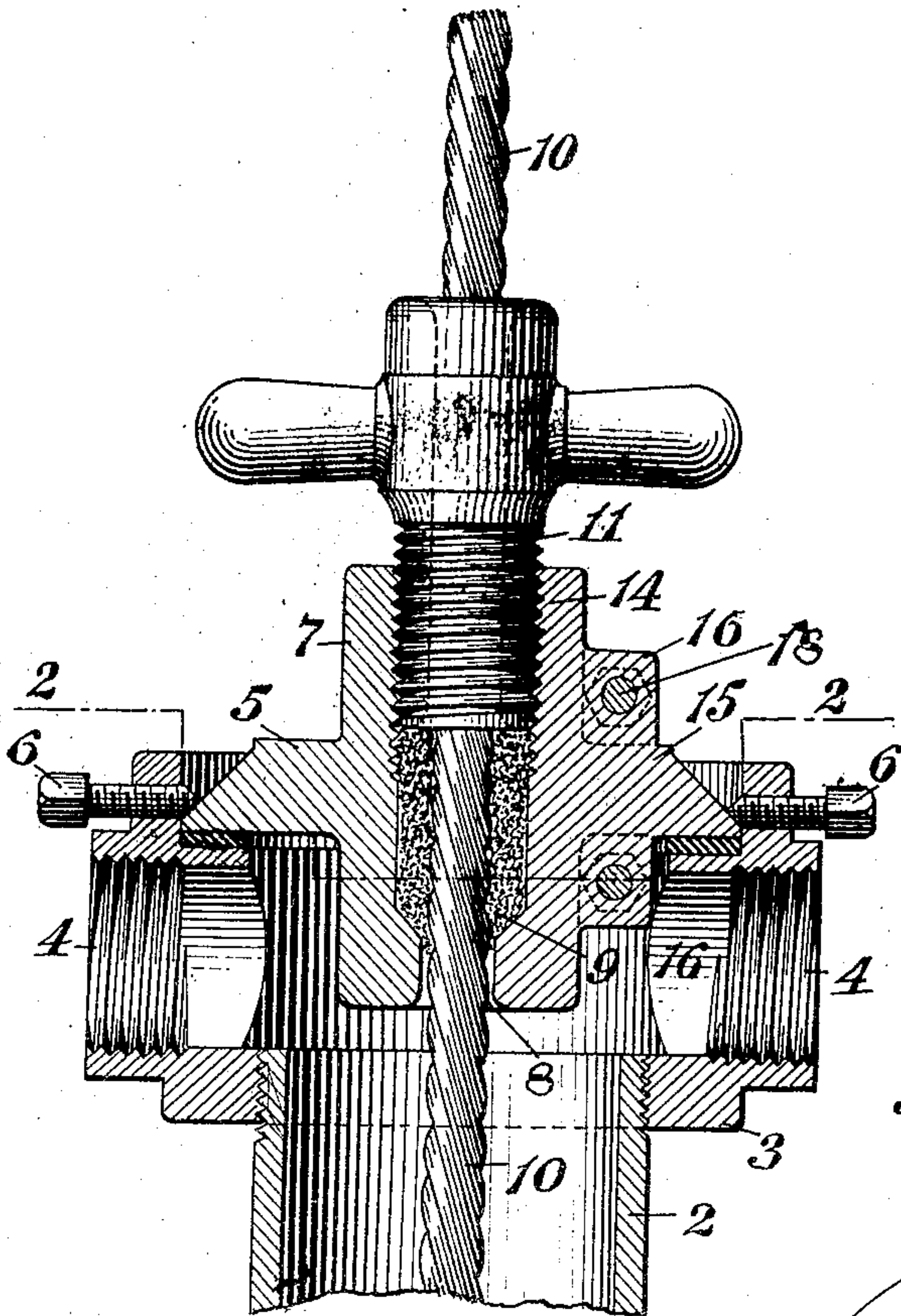


FIG. 3.

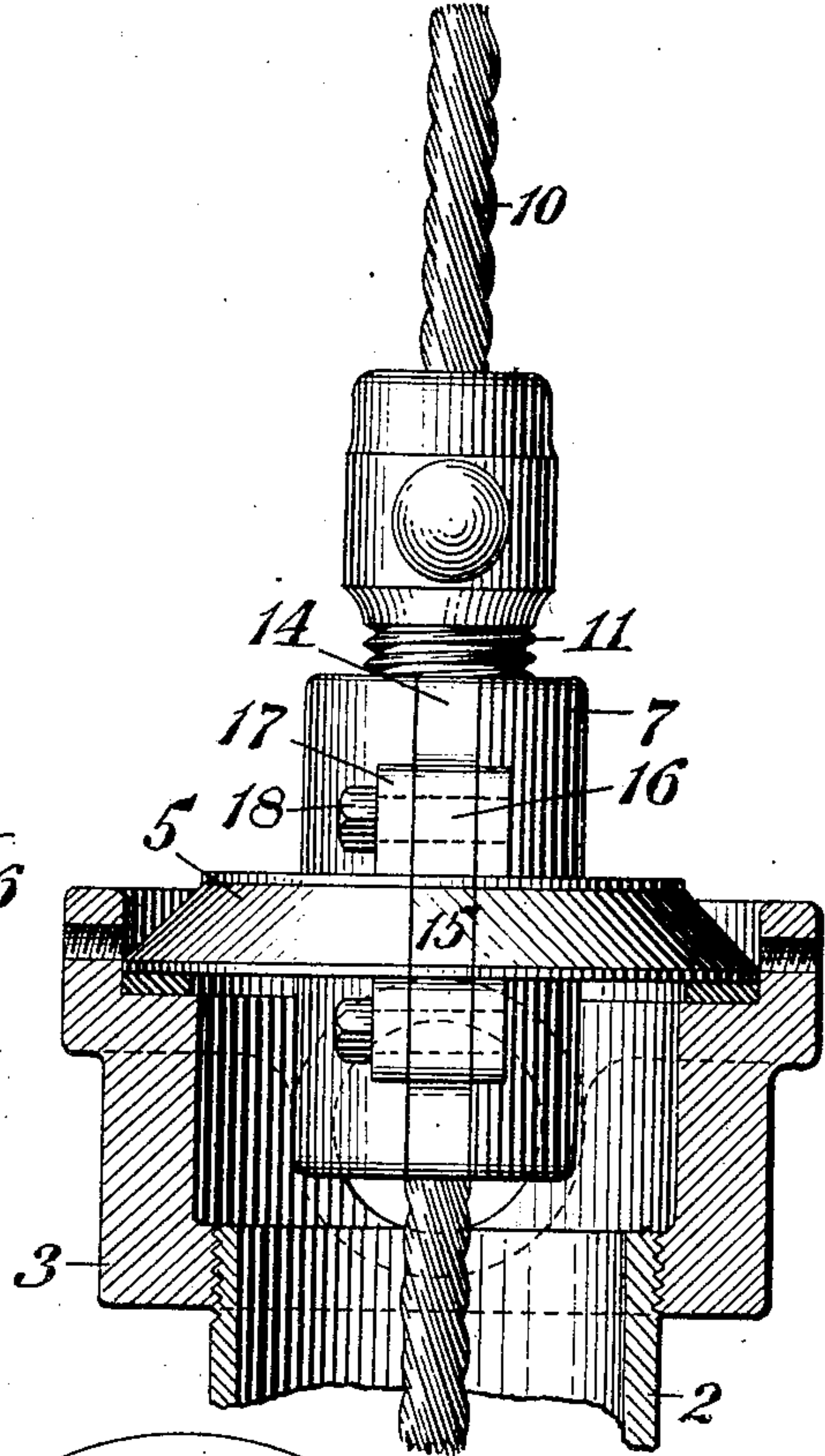


FIG. 2.

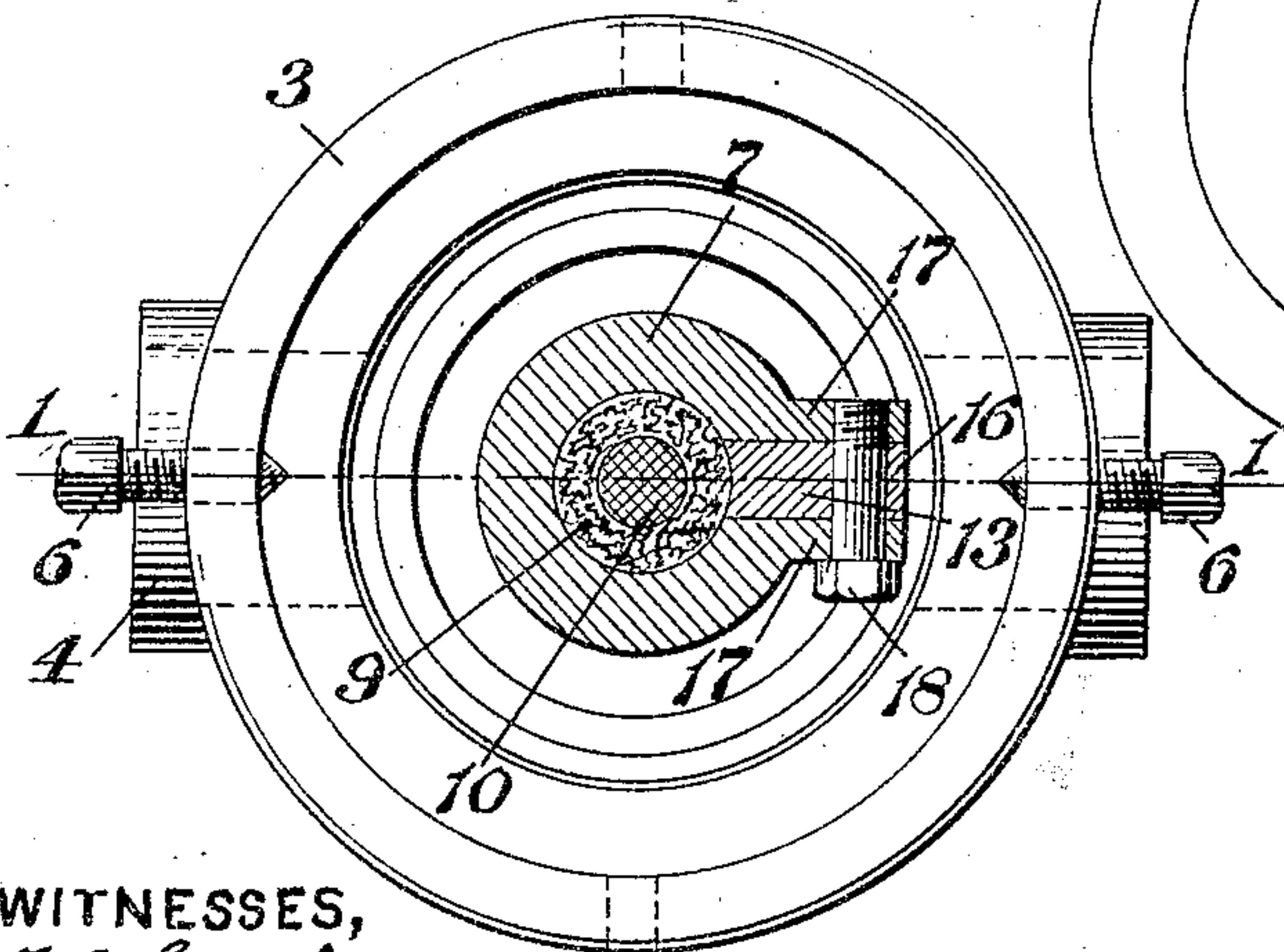


FIG. 4.

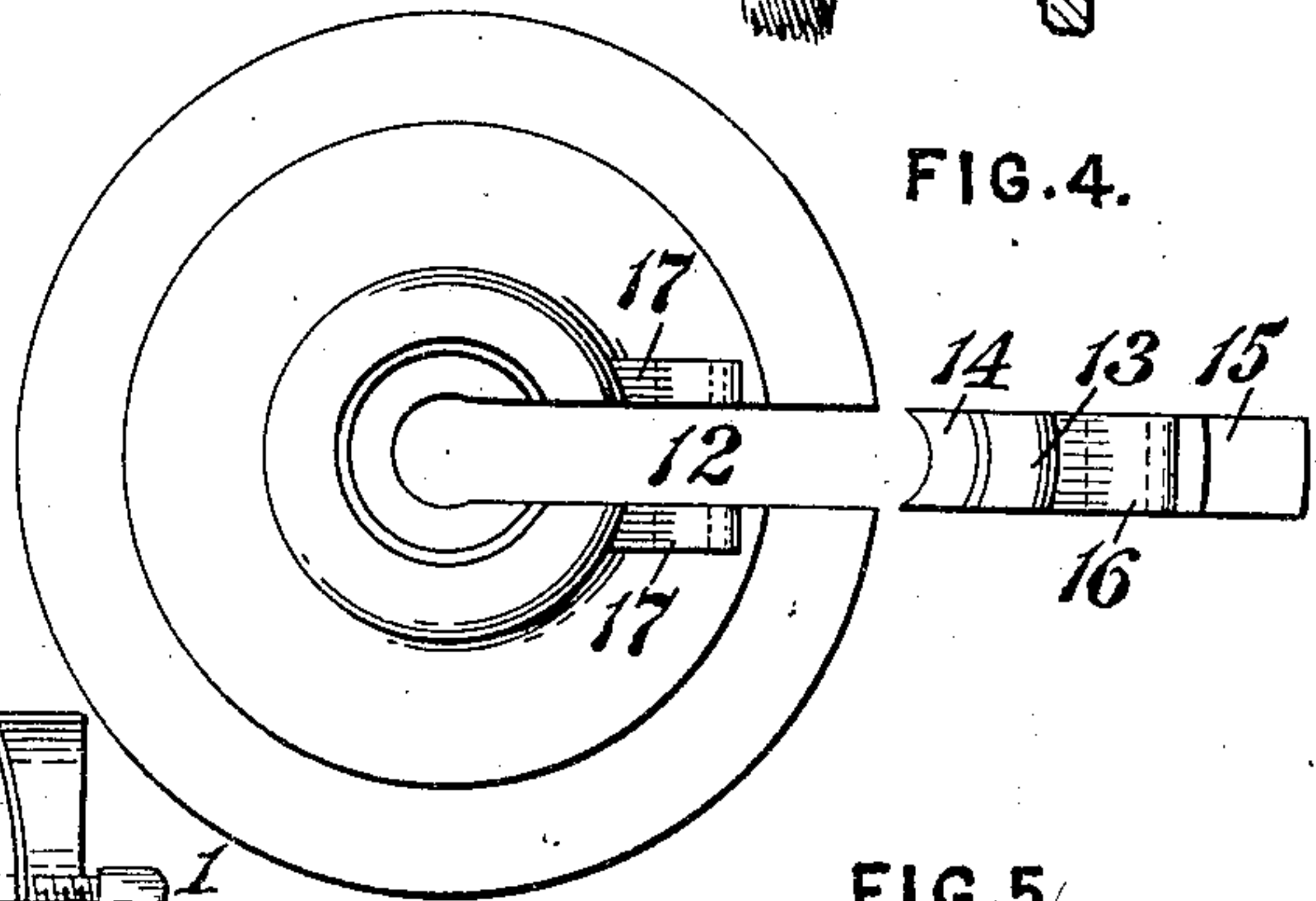
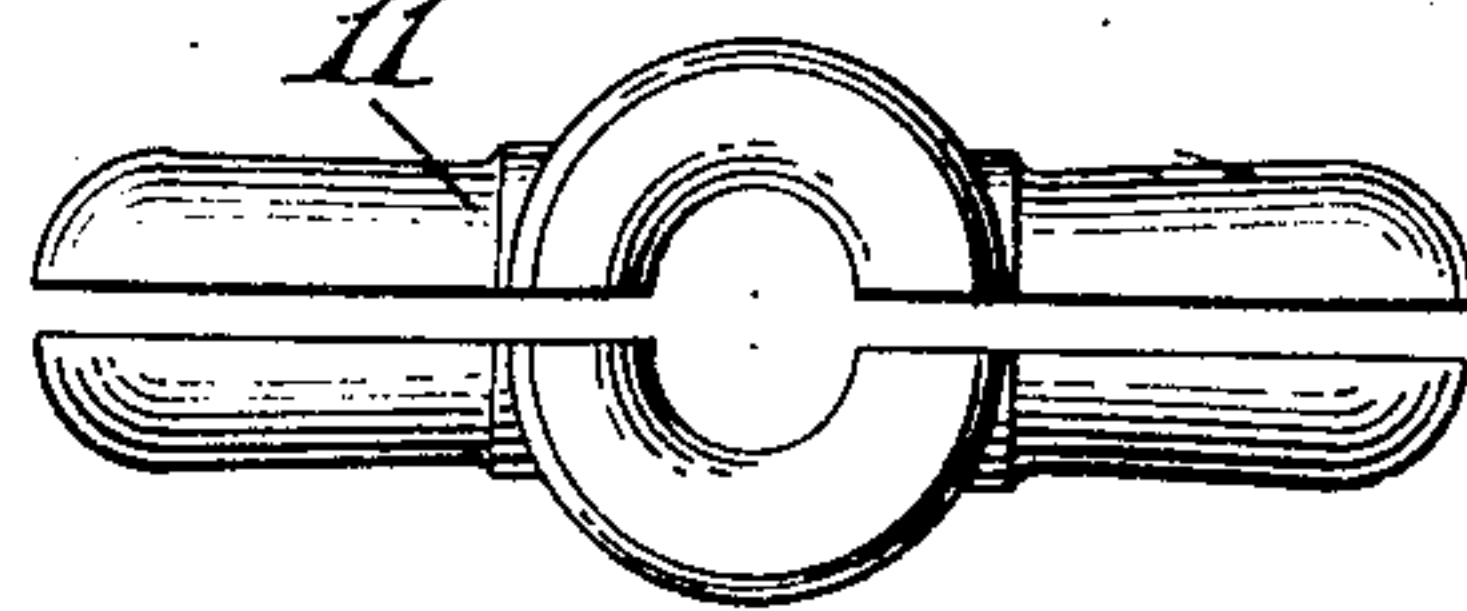


FIG. 5.



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UNITED STATES PATENT OFFICE.

CLARK F. RIGBY, OF BUTLER, PENNSYLVANIA.

OIL-SAVER.

983,314.

Specification of Letters Patent.

Patented Feb. 7, 1911.

Application filed March 12, 1910. Serial No. 548,820.

To all whom it may concern:

Be it known that I, CLARK F. RIGBY, a resident of Butler, in the county of Butler and State of Pennsylvania, have invented certain new and useful Improvements in Oil-Savers, of which the following is a specification.

The object of this invention is to improve the oil saver shown and described in Letters Patent granted to me April 1, 1902, No. 696,747, by providing a vertically divided or two-part construction in the form of a slotted casing closure for entering the cable, with a device removably fitting and secured in the slot and corresponding thereto in size and shape, thus avoiding any break in the contour of the closure due to the slot.

A further purpose is to arrange the closure with a portion of its body beneath or below the cap portion, thereby lowering the device with relation to the casing head and decreasing the danger of collision with the temper screw which frequently works in close proximity thereto on its down strokes.

In the accompanying drawings, Figure 1 is a vertical section of a casing head with the oil saver in position thereon, the same being taken on line 1—1 of Fig. 2, and Fig. 2 is a sectional plan on line 2—2 of Fig. 1. Fig. 3 illustrates the improvement in side elevation. Fig. 4 is a top plan of the same with the packing compressor removed, also with the slot-closing member shown out of the slot. Fig. 5 is a detail of the packing-compressing screw.

Referring to the drawings, 2 is the casing, and 3 the casing head having the usual discharge pipe connections 4. The cap 5, which is confined in the open top of head 3 by screws 6, is preferably formed integral with the upright body-portion 7, in the embodiment shown being located substantially midway between the upper and lower ends of the body.

Passage 8 extending vertically through body 7 is enlarged above its lower end to receive packing 9 which surrounds the cable 10, preventing oil from leaking as the cable reciprocates. Passage or cavity 8 is threaded internally to receive the packing-compressing screw 11, the latter being here shown split longitudinally, as in my former patent, so as to be readily applied and removed. At one side of passage 8, body 7

and cap 5 are formed with a vertical cable-entrance slot 12 in which is fitted the closing member 13, having a part 14 corresponding to the slotted portion of body 7 and part 15 corresponding to the slotted portion of the cap, so that when said device is in place there is no break in the contour of either the body or cap due to the slot 12. Closing device 13 may be formed above and below cap portion 15 with lugs 16 which fit between corresponding lugs 17 on body 7, with screws 18 extending through apertures in the lugs and holding member 13 in place. The inner face of the upright portion 14 of the slot-closing device 13 is threaded to form continuations of the threads in body 7 for cooperating with the packing compressor.

With a portion of body 7 beneath cap 5 the oil saver is appreciably lowered with respect to the casing as compared with former devices, and hence is not so liable to be struck by the temper screw which on the down stroke of the cable frequently works quite close to the oil saver.

The improvement is of simple construction, and minimizes the danger of leakage.

I claim:

1. A casing closure formed with a vertical passage through which the cable operates, packing and packing compressing means in the passage, the closure at one side of the passage formed with a vertical cable-entrance slot, and a member removably fitting within and closing the slot, said member shaped in conformity with the closure and when in place preventing any break in the continuity of the closure due to the slot.

2. A casing closure consisting of a body having a vertical cable passage of sufficient size to receive packing around the cable, a cap member carried by the body for closing a casing-head opening, the body and cap at one side of the passage formed with a vertical cable-entrance slot, a member removably secured in the slot and corresponding in size thereto, and packing compressing means cooperating with the closure.

3. A casing closure consisting of a body having a vertical cable passage of sufficient size to receive packing around the cable, a cap member projecting laterally from the body with a portion of the latter beneath and a portion above the cap, the body and the cap at one side of the vertical passage

formed with a cable-entrance slot, a device removably secured in the slot with portions of said device corresponding in size to the slotted portions of the body and cap respectively, and packing compressing means cooperating with the closure.

4. A casing closure consisting of a body having a vertical cable passage of sufficient size to receive packing around the cable, a cap member projecting laterally from the body with a portion of the latter beneath and a portion above the cap, the body and the cap at one side of the vertical passage formed with a cable-entrance slot, a device fitting the slot with portions of said device corresponding in size to the slotted portions of the body and cap respectively, laterally projecting lugs on the body and on said device both above and below the cap, means securing said lugs together, and packing compressing means cooperating with the closure.

5. A casing closure consisting of a body, a cap carried by the body for closing a casing head, the body having a vertical cable passage therethrough enlarged downwardly from its upper end to receive packing and threaded internally, the body and cap formed with a vertical cable-entrance slot, a device removably secured in and closing the slot with its inner face threaded to form continuations of the threads of the body passage, said device having portions corresponding in size to the slot in the body and cap, and a threaded packing-compressor embracing the cable and engaging the threads of the body.

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

CLARK F. RIGBY.

Witnesses:

J. M. NESBIT,
F. E. GAITHER.