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No. 760,215.

PATENTED MAY 17, 1904.

J. C. LAMBERT.
AXLE OILER.

APPLICATION FILED SEPT. 15, 1903.

NO MODEL.

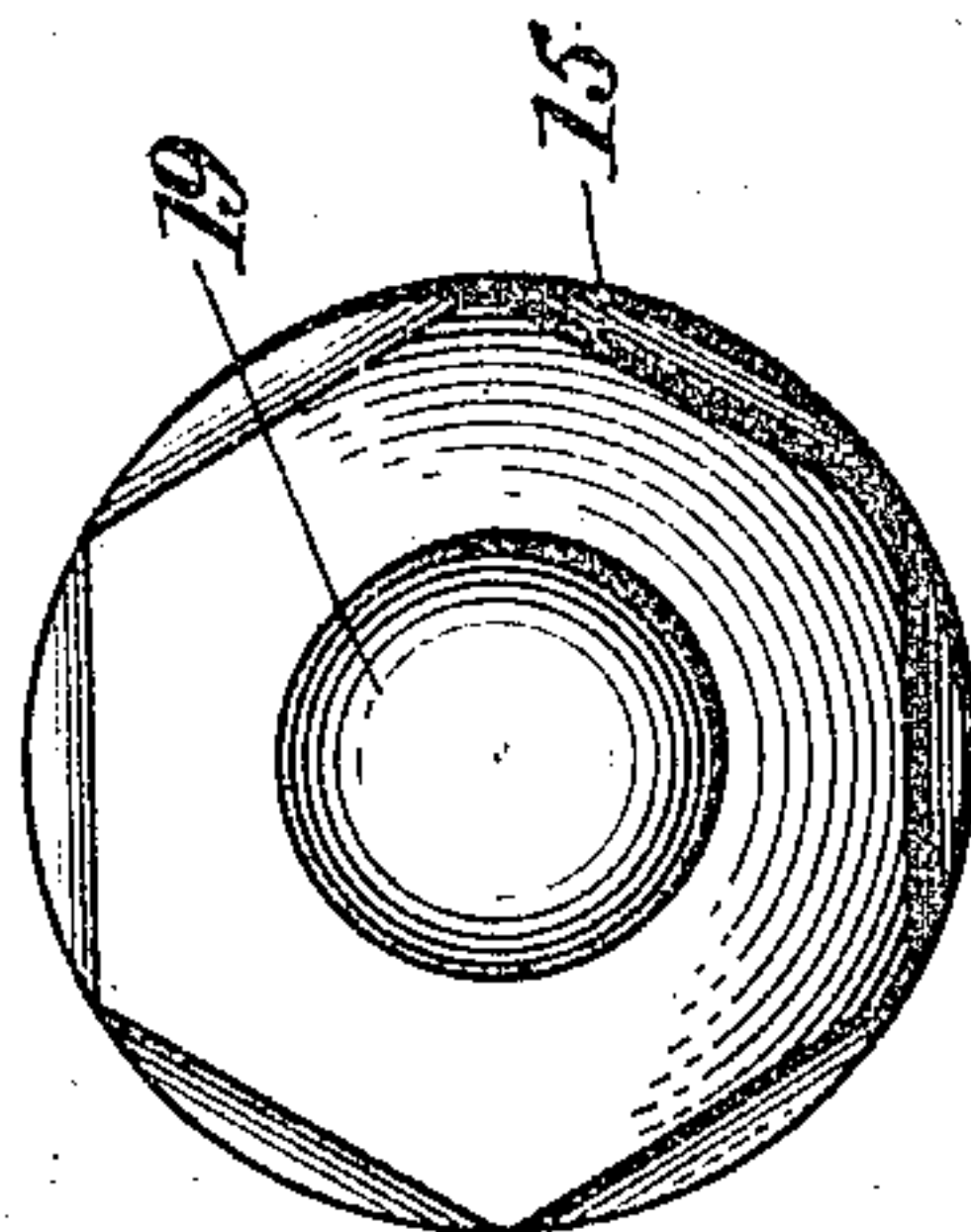
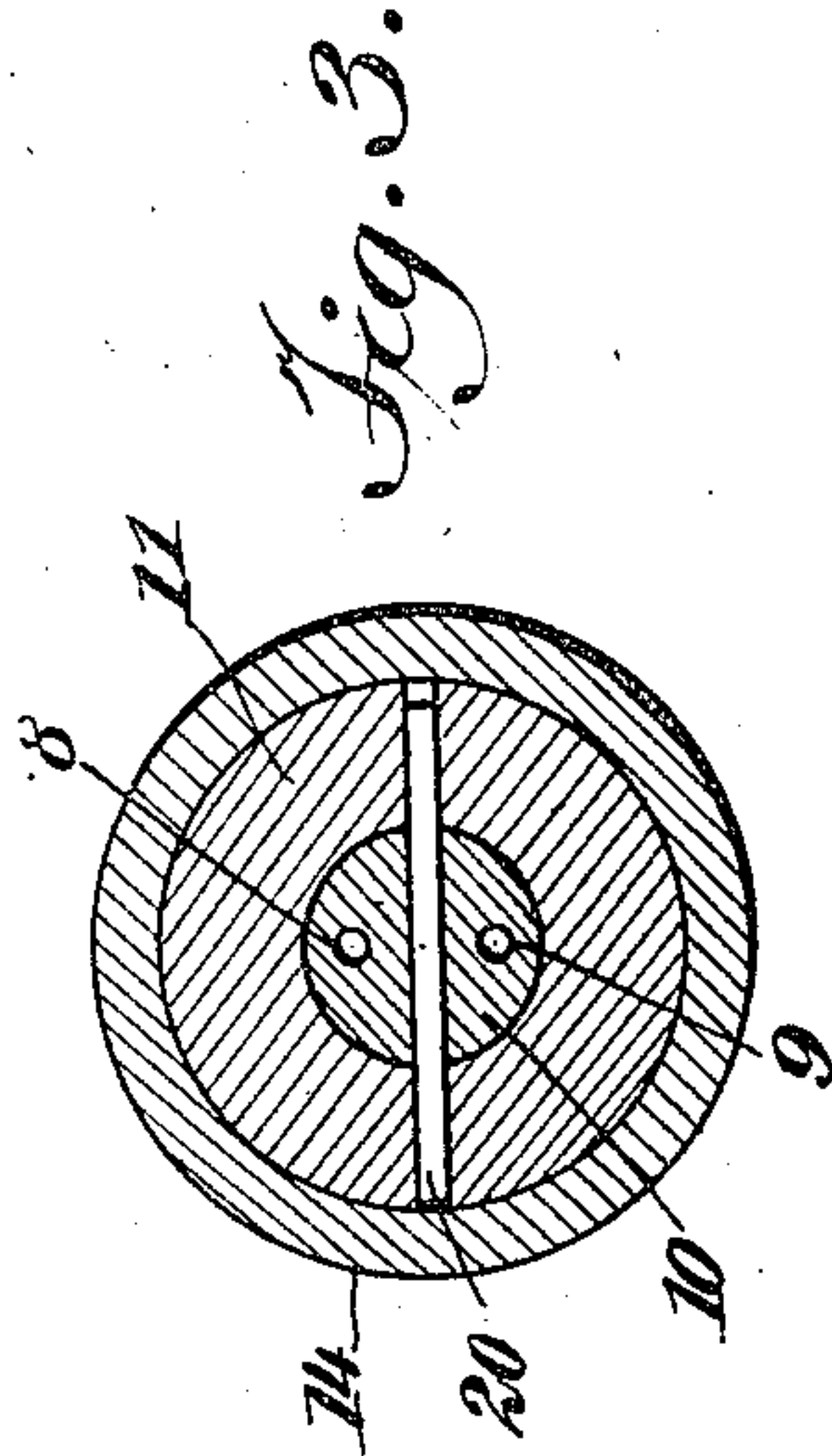
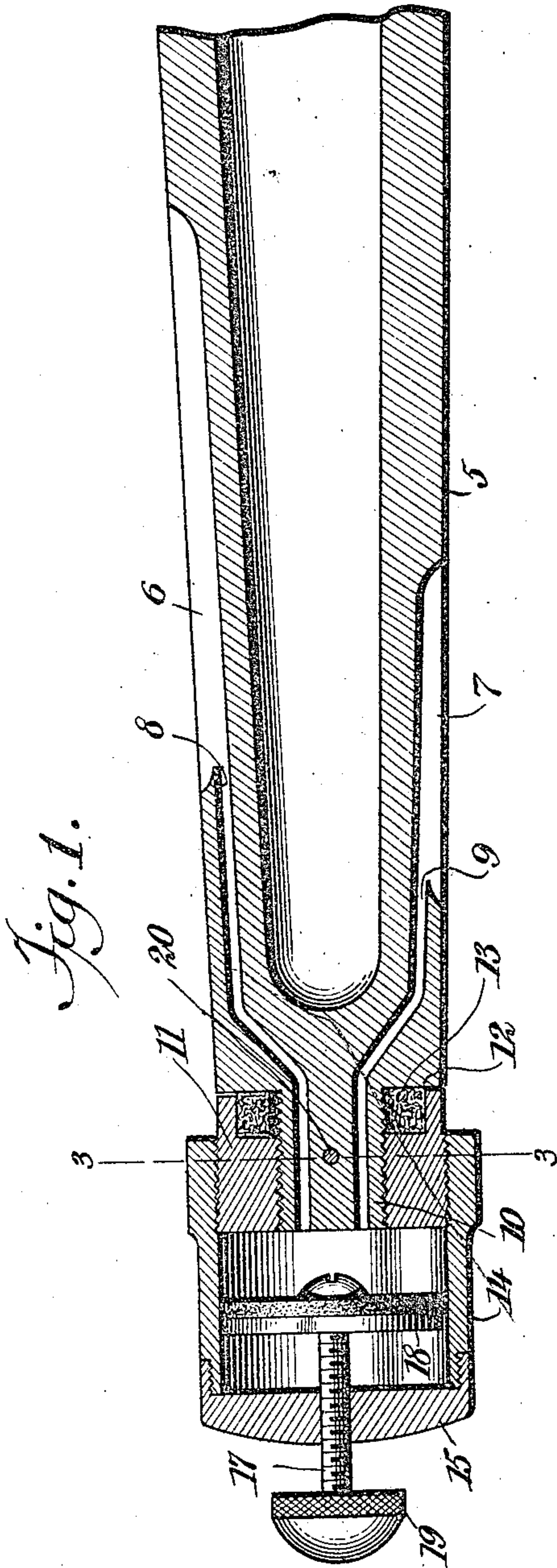


Fig. 2.

WITNESSES:

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No. 760,215.

Patented May 17, 1904.

UNITED STATES PATENT OFFICE.

JOHN CALVIN LAMBERT, OF TONICA, ILLINOIS.

AXLE-OILER.

SPECIFICATION forming part of Letters Patent No. 760,215, dated May 17, 1904.

Application filed September 15, 1903. Serial No. 173,269. (No model.)

To all whom it may concern:

Be it known that I, JOHN CALVIN LAMBERT, a citizen of the United States, and a resident of Tonica, in the county of Lasalle and State of Illinois, have invented a new and Improved Axle-Oiler, of which the following is a full, clear, and exact description.

This invention relates to improvements in oilers for vehicle-axle skeins, an object being to provide an oiler of simple construction and consisting of few parts and that can be readily removed or replaced with the hub-nut without interfering with the oil in the cup.

I will describe an axle-oiler embodying my invention and then point out the novel features in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal section of an axle skein and oiler embodying my invention. Fig. 2 is an end view thereof, and Fig. 3 is a section on the line 3 3 of Fig. 1.

Referring to the drawings, 5 designates an axle-skein having exterior channels 6 7, which communicate, respectively, with ports 8 9, leading outward through the threaded end 10 of the skein, the said threaded end receiving a hub-nut 11, which at its inner side is provided with a chamber 12 for receiving a packing 13. The oil-cup comprises a cylindrical body 14, having screw-thread engagement with the nut 11, and having screw-thread engagement with the outer end of the body is a cap or cover 15, provided with a threaded opening to receive a screw-shaft 17, on the

inner end of which is a piston or plunger 18, and on the outer end is a button or finger-piece 19. The body 14 and cap 15, as indicated in Fig. 2, are made angular, so that a wrench may be applied thereto for removing the cup and the hub-nut 11 both together. It is to be understood, however, that the cup may be readily removed from the nut 11 without removing the nut from the skein, and when desired said nut 11 may be rigidly held in place or prevented from turning by means of a cross-pin 20.

The oil is to be placed in the cup inward of the plunger 18, and by manipulating this plunger the oil will be forced through the ports 8 9 and into the channels 6 7, thus lubricating the skein and hub-box. While I have illustrated but two channels in the outer surface of the skein, it is obvious that a greater number may be formed, if desired.

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

The combination with an axle-skein having longitudinal ports opening outward at the outer end, of a hub-nut having an exterior thread, an oil-cup engaging with said thread, a removable cap for said cup, a screw-shaft operating in said cap, and a plunger carried by said shaft within the cup.

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

JOHN CALVIN LAMBERT.

Witnesses:

J. E. HARTENBONER,
W. J. EBNER.