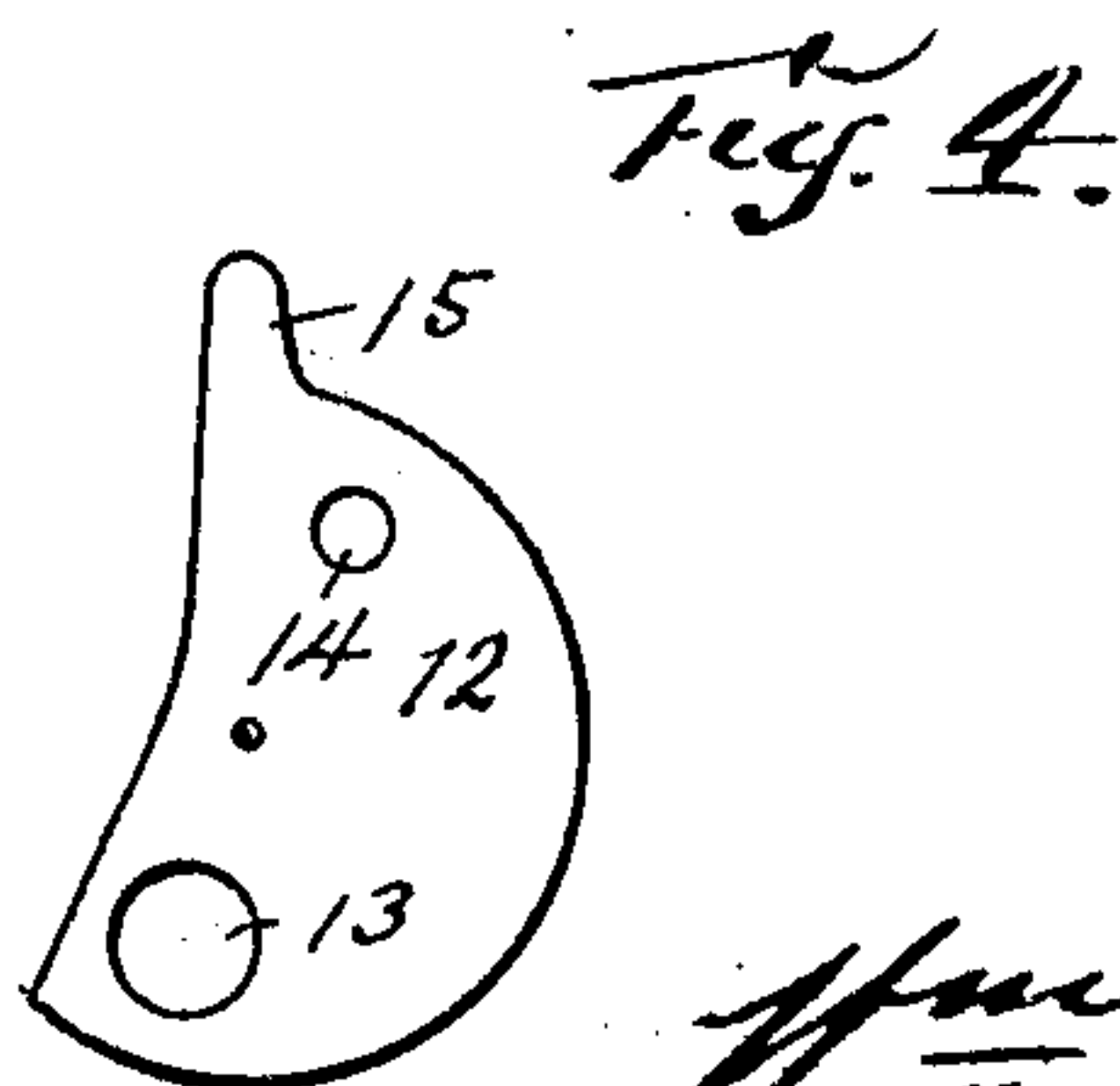
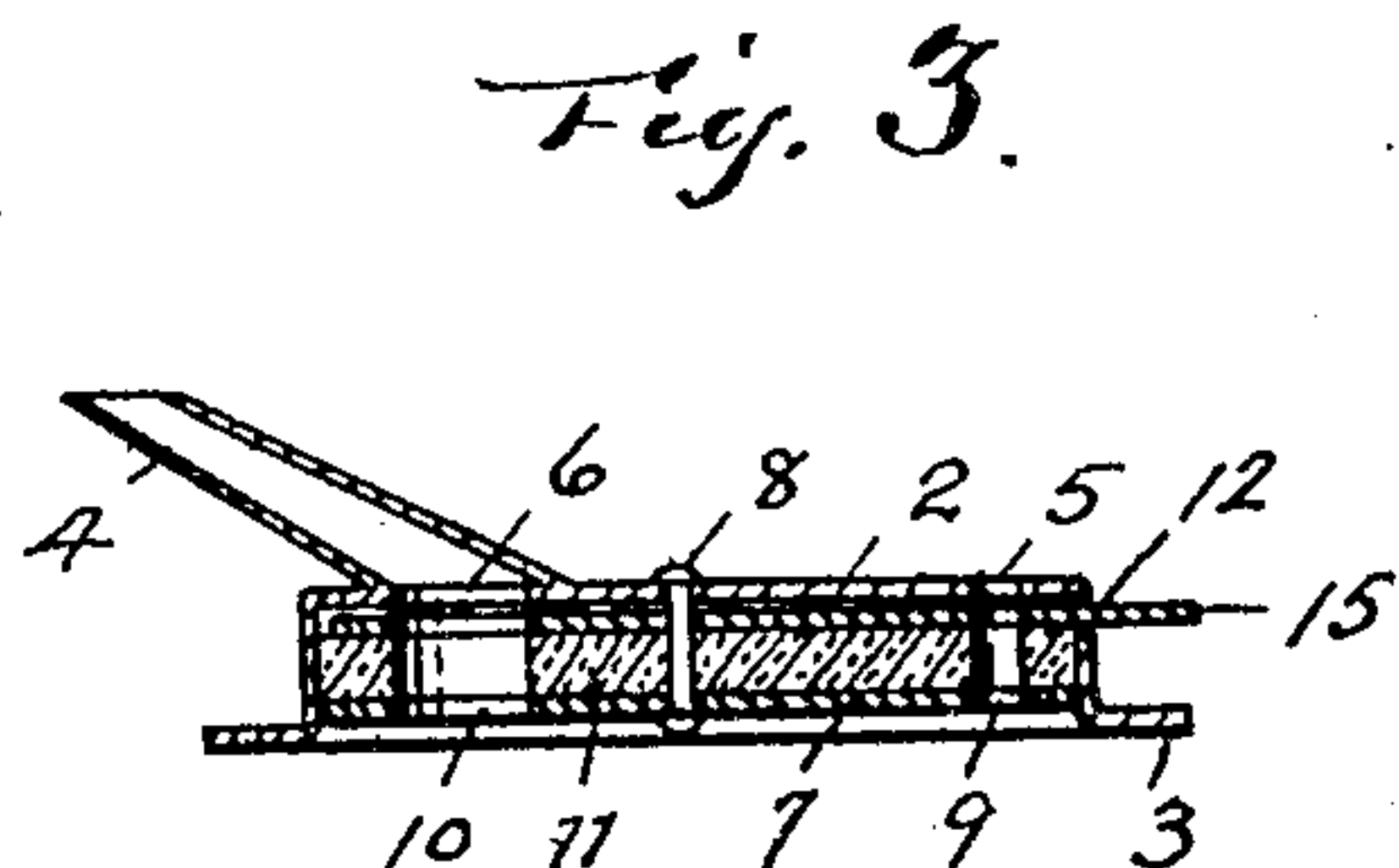
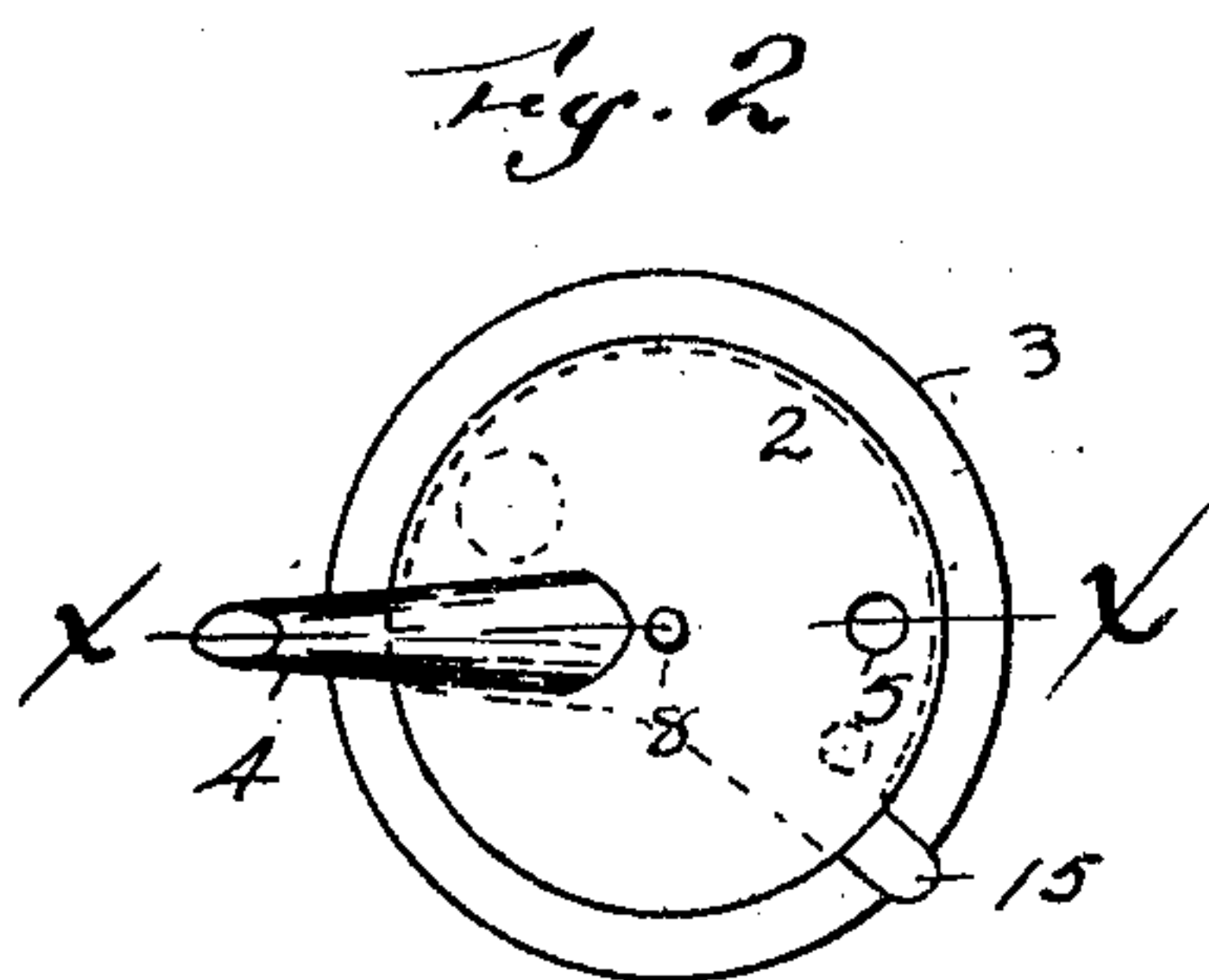
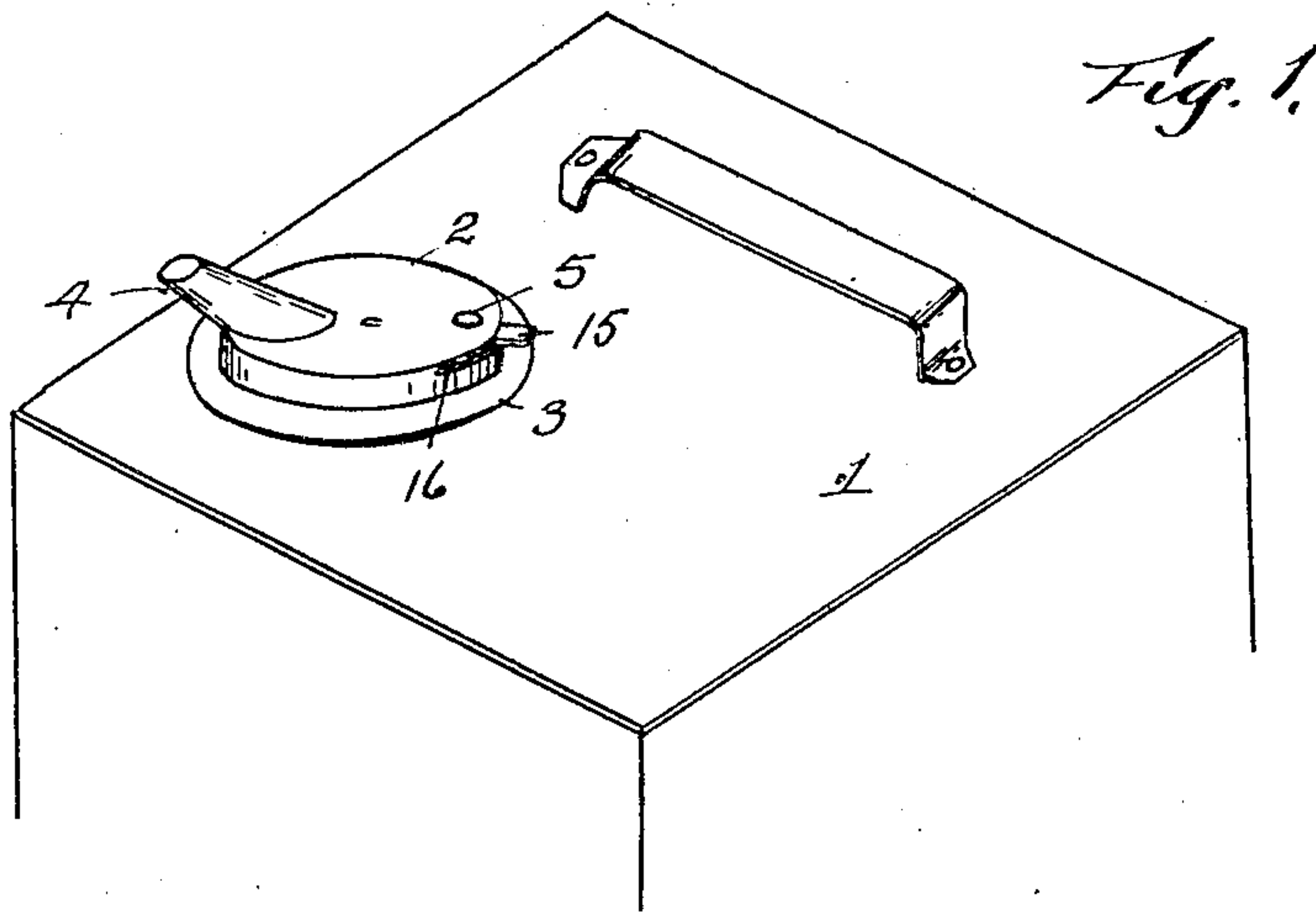


No. 878,304.

PATENTED FEB. 4, 1908.

W. McADOO.
SPOUT FOR CANS.
APPLICATION FILED JAN. 23, 1906.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM McADOO, OF READING, PENNSYLVANIA.

SPOUT FOR CANS.

No. 878,304.

Specification of Letters Patent.

Patented Feb. 4, 1908.

Application filed January 23, 1906. Serial No. 297,441.

To all whom it may concern:

Be it known that I, WILLIAM McADOO, citizen of the United States, residing at Reading, in the county of Berks and State of Pennsylvania, have invented new and useful Improvements in Spouts for Cans, of which the following is a specification.

This invention relates to improvements in spouts for cans and the object of the invention is to produce a spout suitable for use on cans for dispensing oil and the like.

The object of my invention is to provide a device through which the can may be filled or emptied.

The invention consists of a cap secured to the top of the can containing a spout and means for opening and closing the liquid and air openings simultaneously by means of a rotary perforated plate.

The invention is more fully described in the following specifications and clearly illustrated in the accompanying drawing, in which:—

Figure 1 shows the top of a can with my device in position. Fig. 2 is a plan view of my device. Fig. 3 is a cross-section on line X—X of Fig. 2. Fig. 4 is a detail view of the perforated plate.

The numeral 1 designates a can to which my device is secured. The device consists of an inverted cup 2 having a flange 3 by means of which it is soldered to the can, and a spout 4 formed integral therewith. An air vent 5 is formed in the top of this cup to the rear of the spout and also an opening 6 communicating with the spout. A plate 7 fits securely inside the cup forming the under side thereof. This plate is secured to the cup by means of a rivet 8. This plate is formed with openings 9 and 10, the former registering with the vent 5 and the latter with the opening 6 in the cup. A filling of suitable semi-elastic material 11 is interposed between the plate 7 and the cup 2. This filling is also provided with openings permanently registering with the openings 5 and 6 in the cup.

The numeral 12 designates a plate, located between the filling 11 and the under side of the cup 2. This plate is revolvably secured by means of the rivet 8 which passes through

it and it is formed with two openings 13 and 14, the former of which is adapted to register with the opening 6 leading to the spout and the latter with the vent 5. This plate is formed with an operating thumb-piece which projects through a slot 16 in the side of the cup and by means of which the plate is moved. The movement of said plate in one direction will open both the air-vent and the outlet for the liquid by having its openings register therewith, while a movement in the opposite direction will close both said openings. The function of the elastic disk 11 is that of a filler and as the said disk is composed of a bibulous material, such as felt, it may absorb a certain amount of oil, and when it does so it will swell and hold the movable plate 12 firmly against the top of the cup 2.

The device may be used on cans for dispensing various liquids and is particularly applicable to cans the filling of which it is desired should take place only by the person entitled to do so, it being so constructed that a suitable filling device will facilitate its being rapidly filled without the loss of liquid.

Having described my invention, what I claim is.—

In a device of the class described, an inverted circular cup having a flange and a spout, said cup having in its side wall a slot and in its top a vent, a circular plate having openings registering with the vent and spout and fitting snugly within the side walls of the cup, a movable, perforated plate located directly under the top of the cup and having a peripheral lug which projects through said slot, a semi-elastic filler also having openings registering with said spout and air vent and interposed between the plate and the movable plate, and a retaining rivet passing through said cup, plate, filler and movable plate and serving as a pivot for the movable plate.

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

WILLIAM McADOO

Witnesses:

ED. A. KELLY,
HARRY I. FROCHT.