

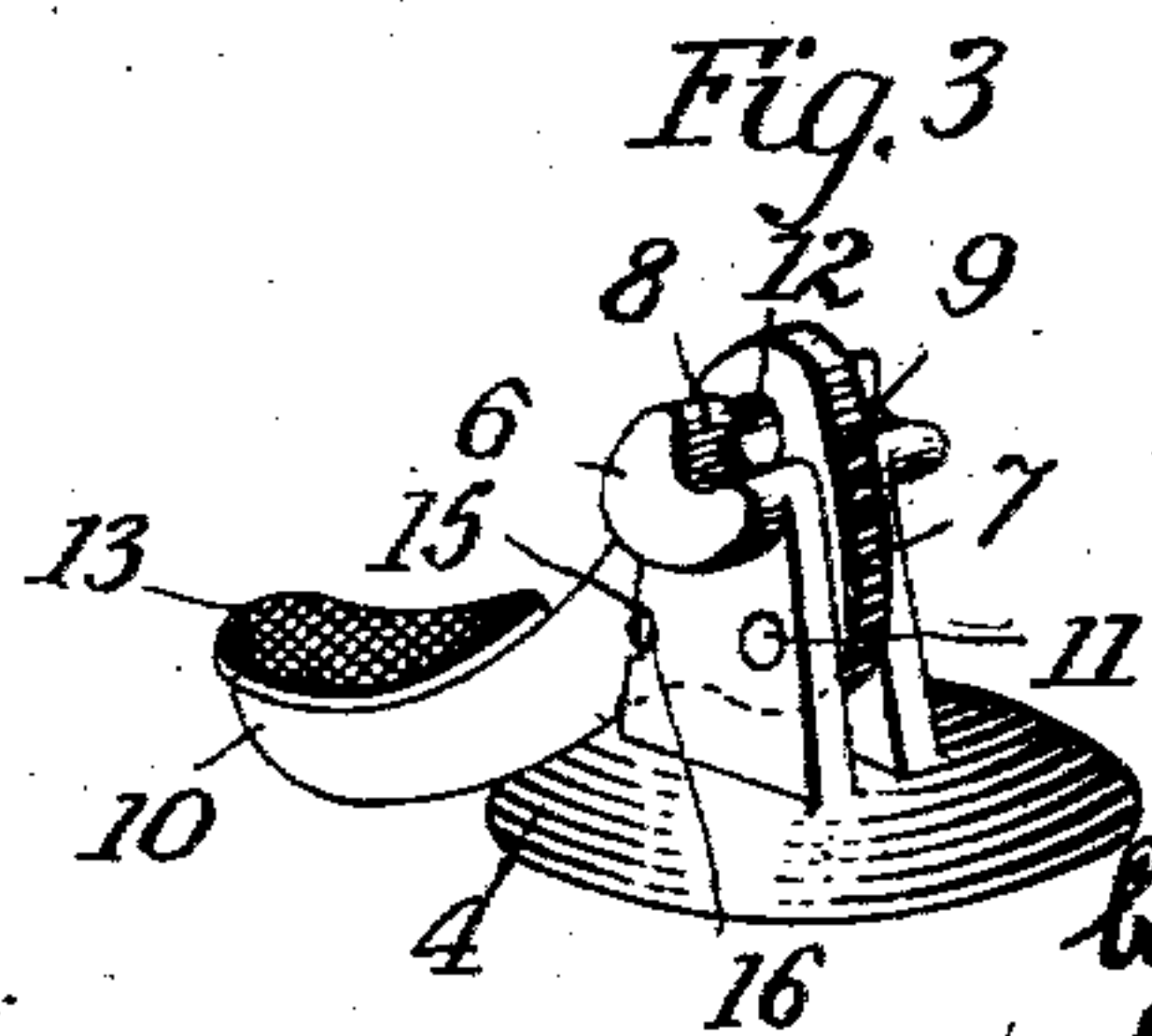
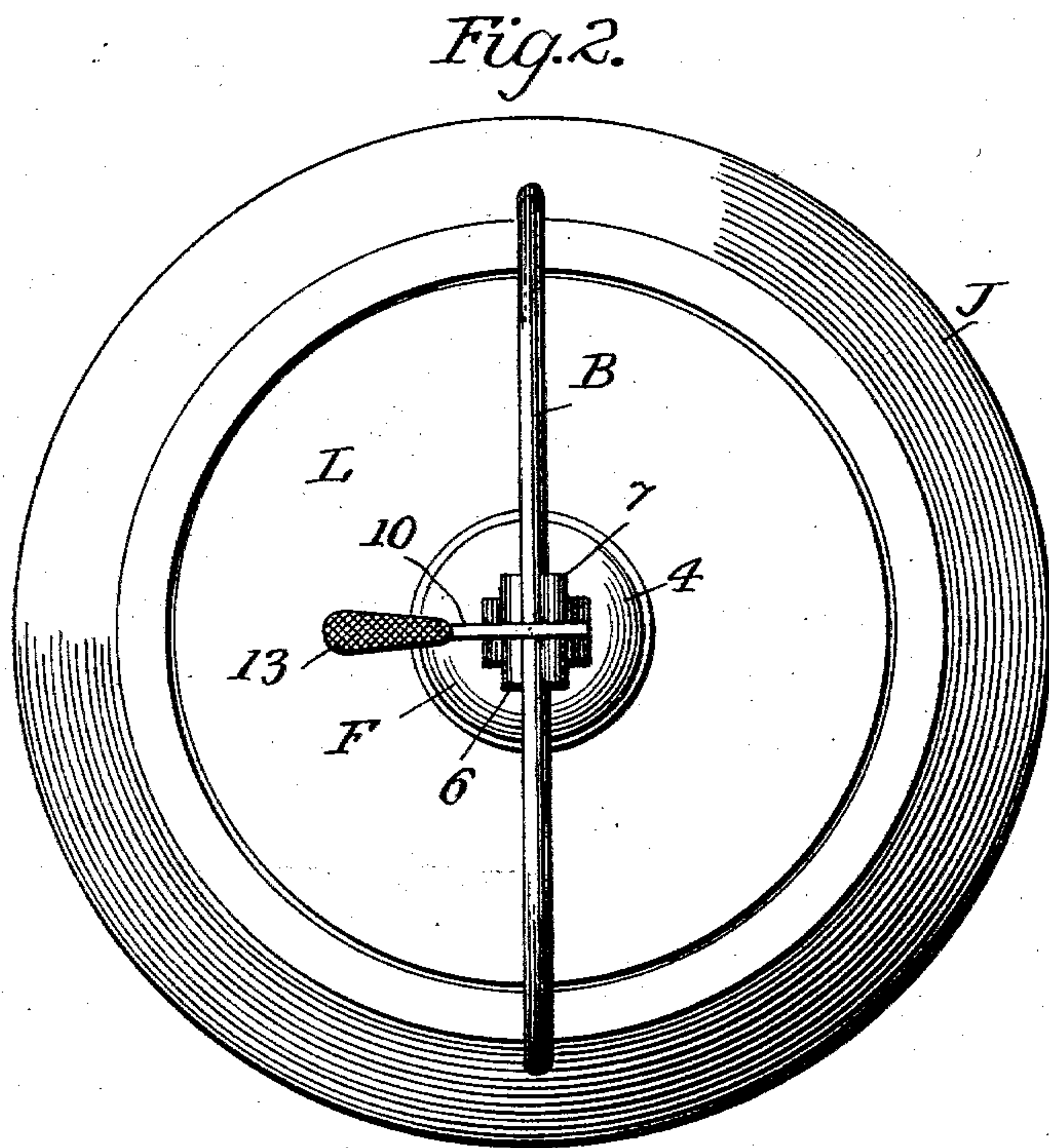
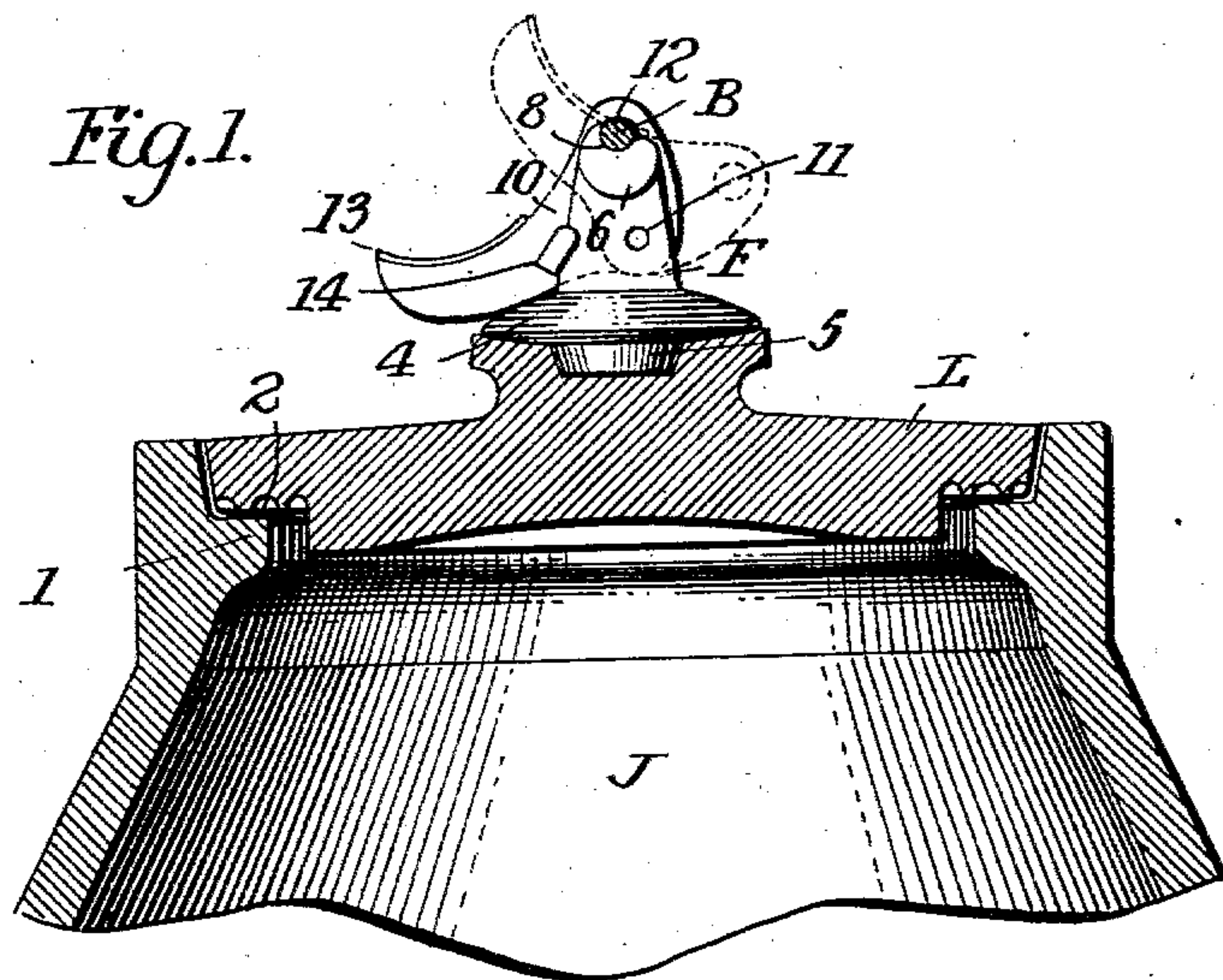
No. 757,683.

PATENTED APR. 19, 1904.

S. A. RODEN.
JAR FASTENER.

APPLICATION FILED DEC. 4, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL AUL RODEN, OF NEW BRIGHTON, PENNSYLVANIA.

JAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 757,683, dated April 19, 1904.

Application filed December 4, 1903. Serial No. 183,799. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL AUL RODEN, a citizen of the United States, residing at New Brighton, Beaver county, Pennsylvania, have
5 invented certain new and useful Improvements in Jar-Fasteners, of which the following is a specification.

This invention relates to jar-fasteners, and has for its object the provision of a fastener
10 which is simple, holds the lid securely in place, and permits jars to which it is applied to be compactly packed for purposes of shipment, display, &c.

In the accompanying drawings, Figure 1 is
15 an elevation showing the upper part of a jar and its lid with my improved fastener applied thereto, the jar and lid being shown in section. Fig. 2 is a top plan view of the jar, lid, and fastener shown in Fig. 1; and Fig. 3 is a per-
20 spective view of my improved fastener.

Referring to the drawings, a lid L is secured in place upon a jar J by a fastener F, which engages with the lid, and a spring-bail B se-
25 cured to the jar.

The upper portion of the jar is provided with a countersunk seat 1 for the lid, and be-
30 tween the lid, and the seat may be placed a washer 2, of rubber, or other suitable material, to make a tight joint. The fastener F com-
35 prises a standard having a base 4, adapted to engage with the lid and preferably provided with a circular extension 5, adapted to enter a socket in the lid to hold the fastener in place, and two upright pieces 6 and 7 fixed to the
40 base and having notches 8 and 9 at their tops. A cam 10, pivoted to the standard at a point 11 at one side of the center line, engages the bail at 12 and may be secured thereto, as shown. The function of the cam is to lift the
45 bail into and out of engagement with the tops of the uprights 6 and 7, and thereby secure and release the lid. The notches 8 and 9 aid in maintaining the bail in position upon the top of the standard.

The fastener being in released position the parts will occupy positions as shown by the dotted lines of Fig. 1, and the lid may easily be removed. The bail can be lifted from this

position into the notches at the top of the standard by pressure applied to a part 13 of
50 the cam, and it will then bear upon the stand-
ard, and thereby hold the lid tightly against its seat. In moving from its released to its secured position, or vice versa, the bail passes the pivotal point of the cam. It therefore
55 draws against the standard when in the se-
cured position and in moving from that posi-
tion is quickly moved to release the parts on passing the pivotal point. It may be locked
60 in the secured position by a piece of wire or
other suitable body 14, Fig. 1, inserted in a hole 15, Fig. 3, in the cam 10 and engaging with notches 16 in the standard. The sides
65 of the notches 8 and 9 may be made higher
upon one side than upon the other to prevent
the bail from being lifted entirely over the
standard when it is attempted to move it into
secured position.

The fastener being in secured position, as shown by the full lines in all the figures, it
70 may after the locking device has been removed be released by upward pressure on the part 13 of the cam 10.

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

1. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard bearing upon said lid and means supported upon said standard
80 for bringing said standard and bail into contact, substantially as described.

2. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard bearing upon said
85 lid and a cam supported on said standard for bringing said standard and bail into contact, substantially as described.

3. The combination with a jar and a lid therefor, of a bail secured to said jar and a fas-
90 tener comprising a standard bearing upon said lid and a cam pivoted to said standard, for bringing said standard and bail into contact, substantially as described.

4. The combination with a jar and a lid
95 therefor, of a bail secured to said jar and a fas-

tener comprising a standard bearing upon said lid and a cam pivoted to said standard and engaging with said bail for moving said bail into contact with the top of said standard, substantially as described.

5 5. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard bearing upon said lid and a cam pivoted to said standard at one
10 side of the center line and engaging with said bail for moving said bail into contact with the top of said standard, substantially as described.

15 6. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard bearing upon said lid and having a notch at its top and a cam pivoted to said standard and engaging with
20 said bail for moving said bail into and out of said notch, substantially as described.

7. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard bearing upon said lid and having a notch at its top, said notch
25 having one side higher than the other and a cam pivoted to said standard at one side of the center line and engaging with said bail for moving said bail into and out of said notch, substantially as described.

30 8. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard bearing upon said lid and having a notch at its top, said notch having one side higher than the other, and a
35 cam pivoted to said standard and engaging with said bail for moving said bail into and out of said notch, substantially as described.

40 9. The combination with a jar and a lid therefor, said lid having a socket, of a bail secured to said jar and a fastener comprising a standard bearing upon said lid and having an extension projecting into the socket and a cam pivoted to said standard and engaging with said

bail to move it into contact with the top of said standard, substantially as described.

45 10. The combination with a jar and a lid therefor, of a standard bearing against said lid, said standard comprising a base and two up-
rights having notches at their top, one side of said notches being higher than the other, a
50 spring-bail, and a cam pivoted between said up-
rights at a point removed from the center line and engaging said bail to lift it into and out of said notches, substantially as described.

55 11. The combination with a jar and a lid therefor, of a standard bearing upon said lid, a bail secured to said jar, a cam pivoted to said standard and engaging with said bail for mov-
ing said bail into spring-pressed engagement
60 with the top of said standard, and means for
locking the bail in its position against the standard, substantially as described.

12. The combination with a jar and a lid therefor, of a bail secured to said jar and a fastener comprising a standard having notches
65 for receiving a locking-body, bearing upon said lid, a cam having a hole for receiving a lock-
ing-body pivoted to said standard and engag-
ing with said bail for moving said bail into
70 spring-pressed engagement with the top of said
standard, and a body inserted in the hole in
said cam and engaging with the notches in said
standard to lock the bail against the top of the
standard, substantially as described.

13. A jar-fastener comprising a standard
75 adapted to rest upon a lid and engage a bail
and means secured to said standard for mov-
ing a bail into and out of contact with said
standard, substantially as described.

In testimony whereof I have signed my name
80 to this specification in the presence of two sub-
scribing witnesses.

SAMUEL AUL RODEN.

Witnesses:

DAVID B. THOMAS,
H. H. McDANIEL.