

No. 805,915.

PATENTED NOV. 28, 1905.

E. HOUGHTON.

JAR.

APPLICATION FILED MAR. 17, 1905.

Fig. 1.

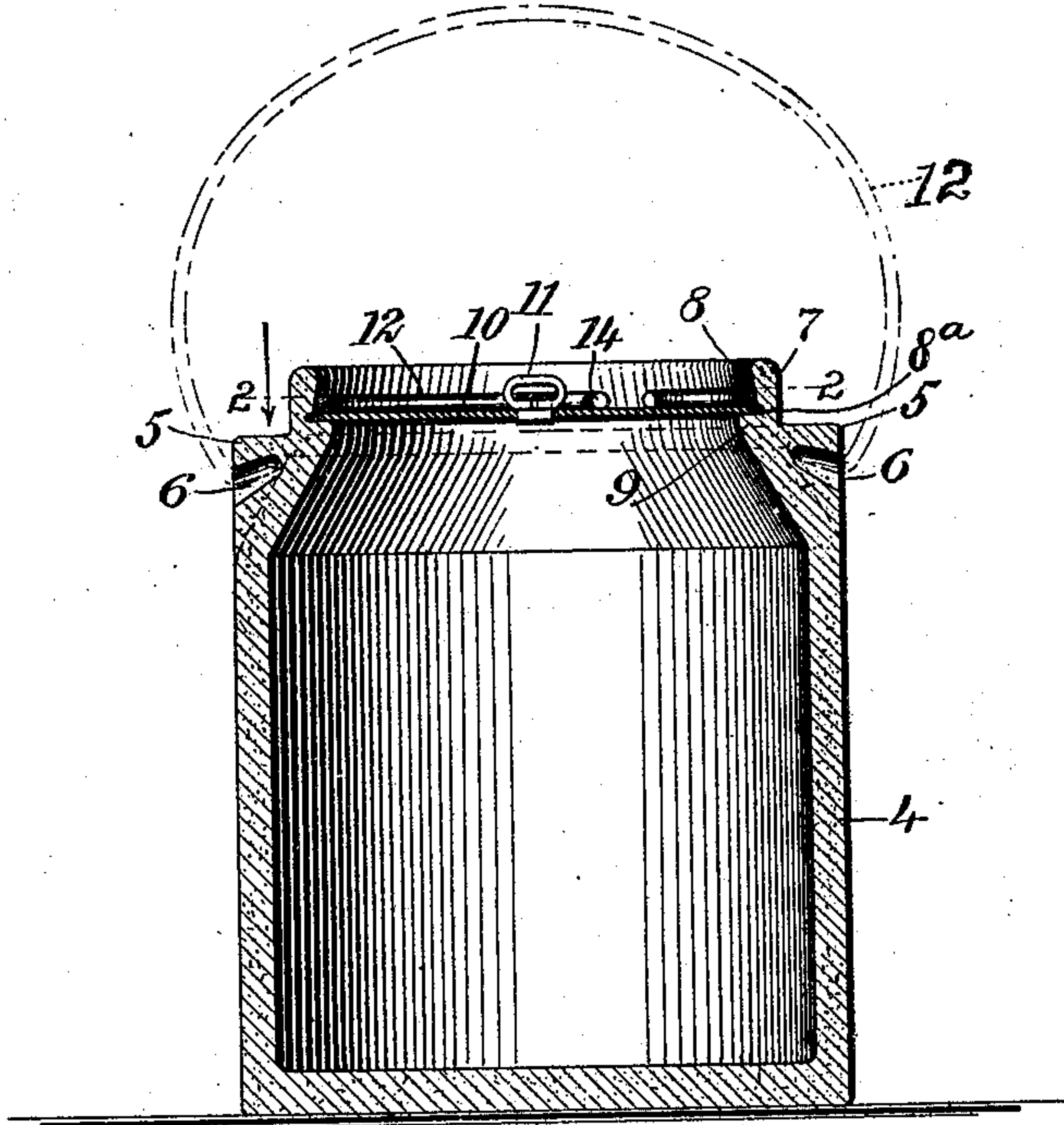


Fig. 2.

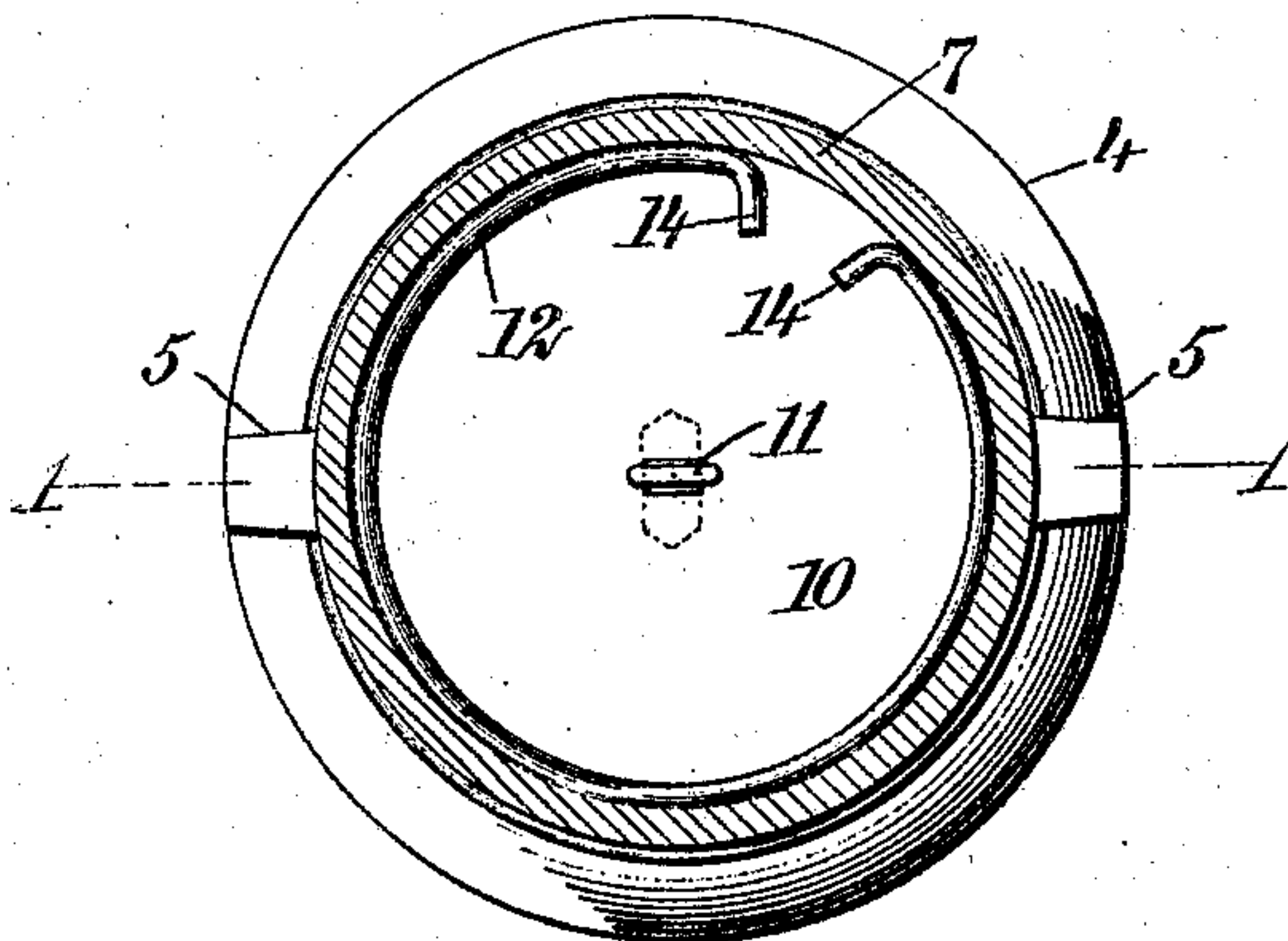
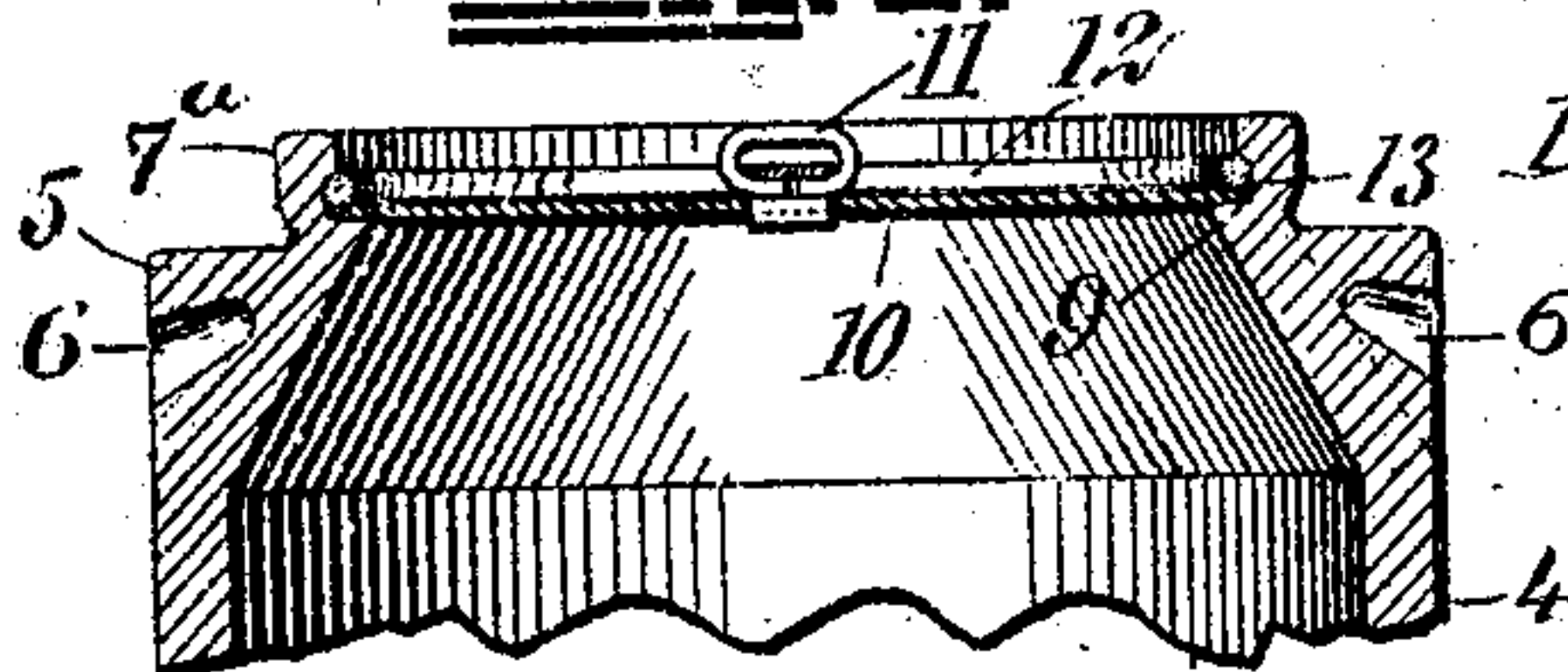


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

EUGENE HOUGHTON, OF DALTON, OHIO.

JAR.

No. 805,915.

Specification of Letters Patent.

Patented Nov. 28, 1905.

Application filed March 17, 1905. Serial No. 250,596.

*To all whom it may concern:*

Be it known that I, EUGENE HOUGHTON, a citizen of the United States, and a resident of Dalton, in the county of Wayne and State of Ohio, have invented a new and Improved Jar, of which the following is a full, clear, and exact description.

My invention relates to jars of the kind used for containing butter and all kinds of goods usually shipped in jars, cans, or other analogous receptacles.

My invention embraces quite a number of improvements in construction, and relates especially to means for closing the jar and for enabling a bail to be readily attached thereto, whereby the jar may be easily handled.

My invention also relates to certain constructional details of the jar and its accompanying parts, as hereinafter described, and pointed out in the appended claims.

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 vertical section on the line 1 1 of Fig. 2 through a jar equipped with my invention. Fig. 2 is a horizontal section through the neck of the jar upon the line 2 2 of Fig. 1 looking in the direction of the arrow; and Fig. 3 is a fragmentary section of another form of the jar, the view being otherwise similar to Fig. 1.

The body of the jar is shown at 4 and is provided with oppositely-disposed lugs 5 integral therewith, these lugs being provided with bail-holes 6 of substantially frusto-conical shape, the axis of each bail-hole being inclined relatively to that of said jar. A neck 7 is integral with the body of the jar and is provided inwardly with an annular surface 8, which slopes a little, as indicated in Fig. 1. At the bottom of the annular surface is an annular groove 8<sup>a</sup>, and at the bottom of the groove is an annular shoulder 9. The jar is closed by means of a disk 10, which is made of cardboard or prepared paper and is provided with a handle 11, whereby it may be removed from its normal position within the jar. A spring member 12, which I term a "bail-ring," because it serves the double office of a clamping-ring and a bail, is provided with inwardly-projecting ends 14, as shown in Fig. 2.

In the form shown in Fig. 3 a groove 13 is provided within the neck 7<sup>a</sup>.

In both forms the disk 10 is inserted by being forced downwardly, so as to spring into the groove, and is retained by its own elasticity. The bail-ring is next sprung into position, being thus held by its own pressure against the neck of the jar. It is intended that the pressure of the disk unaided by the pressure of the bail shall be sufficient to hold the disk in place, and the purpose in adding the bail-ring is to pack the latter in a position convenient for shipping rather than to brace the disk.

After the shipment the bail-ring is removed by drawing the ends 14 14 slightly toward each other and is now applied as a bail, as indicated by dotted lines in Fig. 1, the ends 14 being sprung apart and inserted within the bail-holes 6. The purpose of the bail-holes 6 is to enable the member 12 when used as a bail to be applied thereto for the purpose of lifting the jar, as indicated by dotted lines in Fig. 1. The idea is to have the bail 12 separate from the jar and placed in the annular surface 8 as a receptacle for the bail in packing or shipping, so that the latter may be shipped in the same manner as a can or kit, and after being purchased by the consumer the bail 12 may be applied so as to convert the jar into a bailed receptacle.

I do not limit myself to any particular material of which the jar may be constructed; but I prefer that it be made of pottery. The spring-bail 12 is preferably made of steel wire.

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

1. A jar provided with bail-holes and also provided with a neck, the inner portion of which is slightly offset and provided with a shoulder, a member for engaging said shoulder, and a spring member for engaging said offset portion and thereby forcing said member against said shoulder, said spring member being further provided with portions for engaging said bail-holes.

2. A jar provided with bail-holes, a closure member for said jar, and a spring-bail for securing said closure member in position, said spring-bail being provided with portions for engaging said bail-holes.

3. The combination of a jar provided with bail-holes and also provided with a neck, a disk for closing said neck, and a spring-bail adapted to be carried within said neck, said spring-bail being provided with portions for engaging said bail-holes.



4. The combination of a jar provided with bail-holes and further provided with a neck having an annular surface disposed internally thereof, and a spring-bail fitting into said neck  
5 and adapted to engage said annular surface, said spring-bail being provided with portions for engaging said bail-holes.

5. The combination of a jar provided with bail-holes and provided with a portion for detachably carrying a bail, and a bail normally  
10 engaging said portion but provided with portions for engaging said bail-holes.

6. The combination of a jar provided with bail-holes and further provided with a neck,

a closure member fitting into said neck, and a  
15 spring member detachably mounted within said neck and adapted to secure said closure member in position, said spring member being provided with portions for engaging said  
20 bail-holes.

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

EUGENE HOUGHTON.

Witnesses:

E. A. FRUT,  
O. W. HORN.