

(No Model.)

C. SCHIFFERLY.  
FRUIT CAN.

No. 521,921.

Patented June 26, 1894.

Fig. 2.

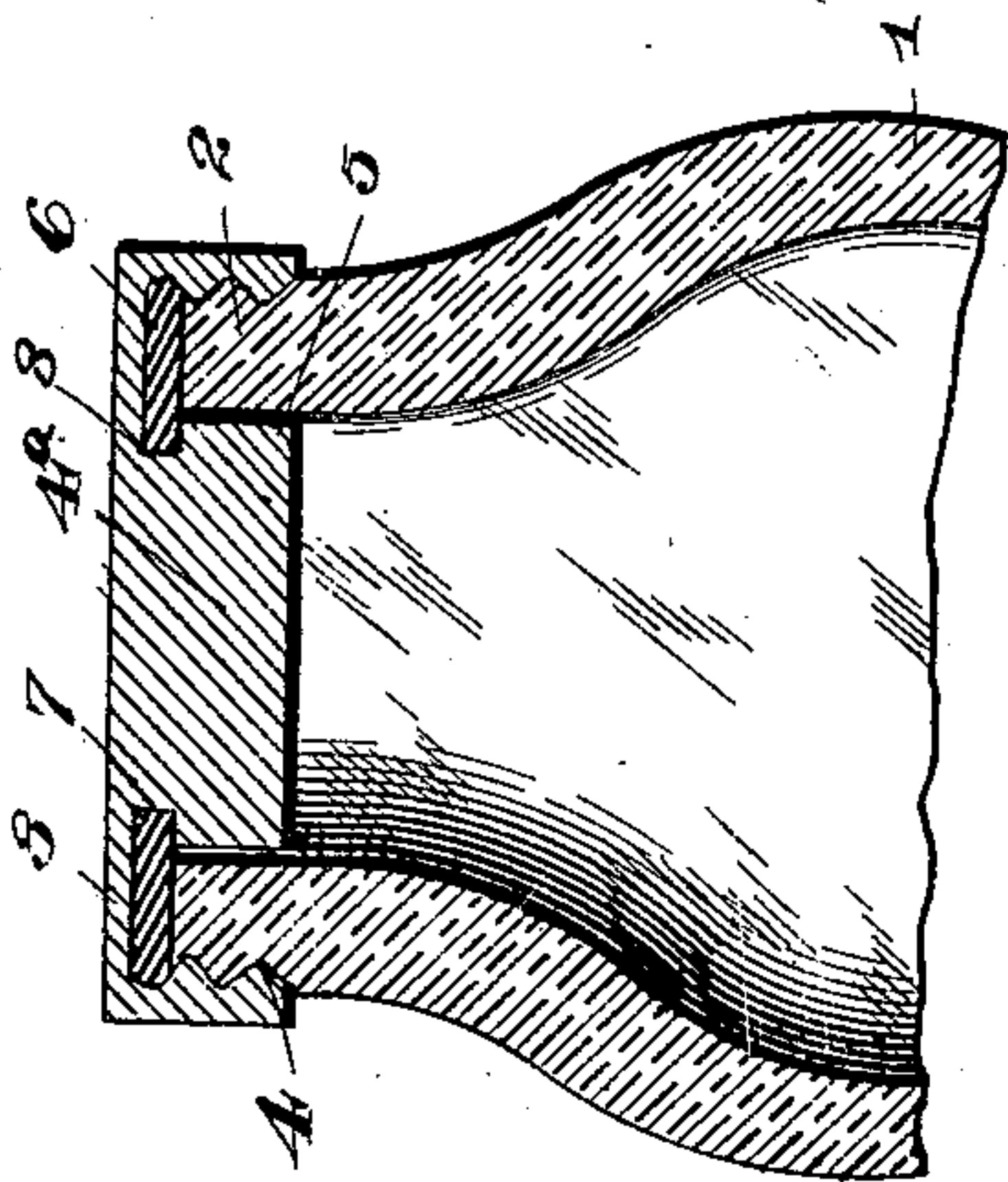


Fig. 3.

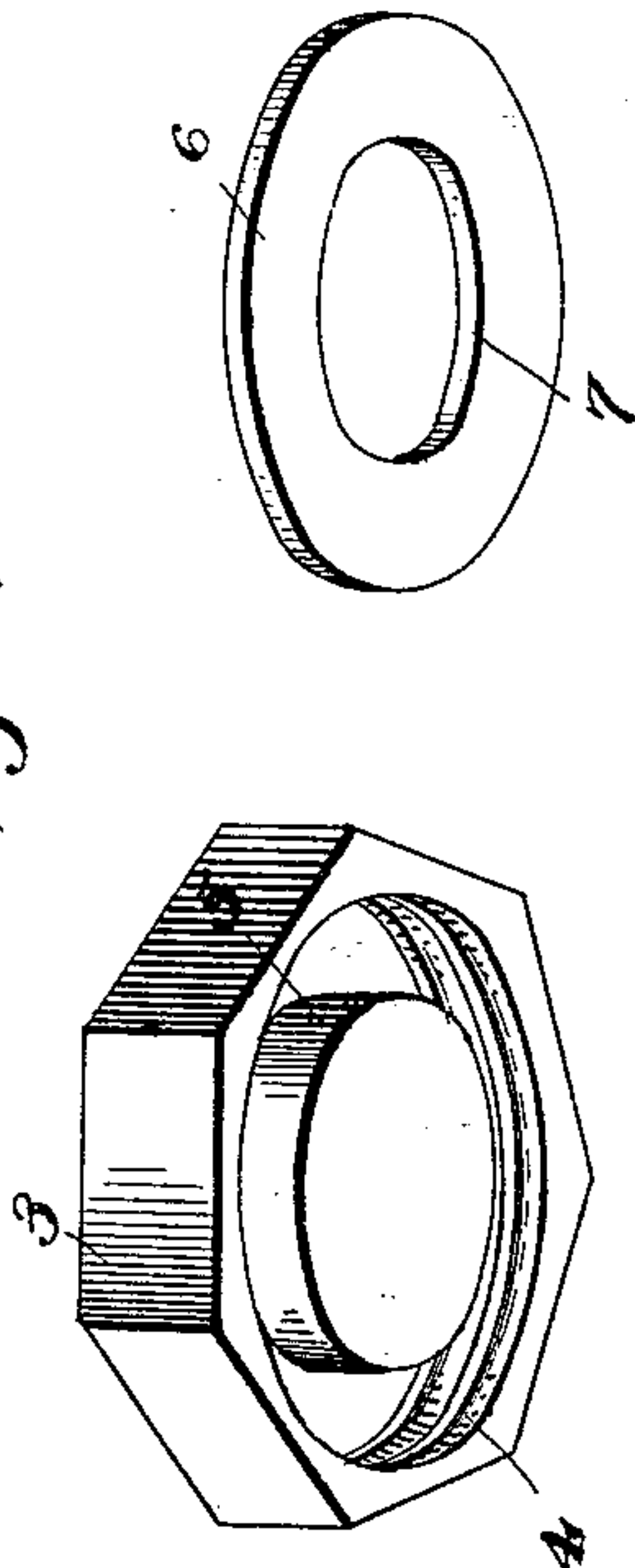
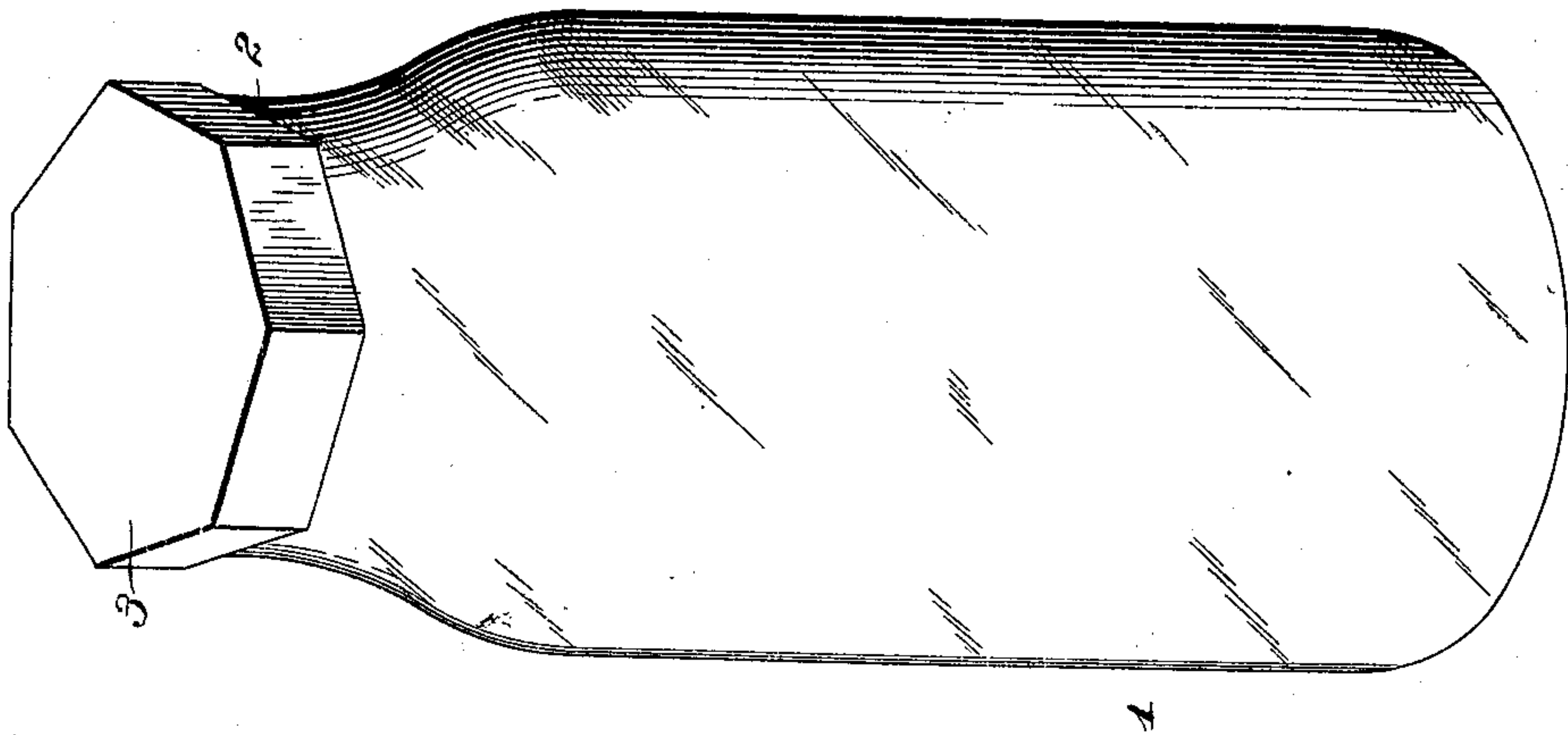


Fig. 1.



Witnesses

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# UNITED STATES PATENT OFFICE.

CONRAD SCHIFFERLY, OF FORT WAYNE, INDIANA.

## FRUIT-CAN.

SPECIFICATION forming part of Letters Patent No. 521,921, dated June 26, 1894.

Application filed March 18, 1893. Renewed April 25, 1894. Serial No. 509,031. (No model.)

*To all whom it may concern:*

Be it known that I, CONRAD SCHIFFERLY, a citizen of the United States, residing at Fort Wayne, in the county of Allen and State of Indiana, have invented a new and useful Fruit-Can, of which the following is a specification.

This invention relates to fruit cans or jars, and has for its object to provide a cap that will both externally and internally act as a closure to prevent the ingress of air or the egress of the gases or vapors within the jar, and at the same time provide convenient means for applying an elastic gasket.

With these and other objects in view the invention consists of the construction and arrangement of the parts thereof, as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a perspective view of a can or jar, showing the improved cap in connection therewith. Fig. 2 is a transverse vertical section of the device as shown in Fig. 1. Fig. 3 is a detail perspective view of the jar-cap detached and showing the gasket separated therefrom.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates a jar of suitable style and form, having an upper screw-threaded rim 2, which is arranged to receive a cap 3, having its edge formed in such a manner that it may be conveniently grasped on the exterior for removing the same, and on the interior provided with screw-threads 4 to engage the said rim 2, and integrally formed with the center thereof is a stopper 4<sup>a</sup>, which depends vertically into the throat of the jar or can and is provided at its top, adjacent to the under surface of the cap, with a circumferential channel forming a neck or reduced portion 8, and a contiguous circumferential shoulder 5. The said stopper approximates the size of the throat or entrance-mouth of the jar or can, and when the cap is applied to the latter, passes into the said throat or mouth and acts as a closure to the same. The shoulder formed on the said stopper of course decreases the diametrical extent of the latter at the point where it is located, and is arranged to receive a gasket 6, having a central opening 7, of less diametrical extent than the lower part of the said stopper, thereby

necessitating an expansion of the said gasket in order to adjust the same over the said stopper for the purpose of fitting against the reduced part of the latter and bearing on the shoulder 5. This arrangement firmly holds the said gasket in connection with the cap and so positions it as to cause it to bear directly on the top edge of the rim to form an air-tight joint, and also provides means for removing the gasket simultaneously with the removal of the said cap.

It will be understood that should the gasket become worn or unfit for use it can be readily replaced by another, thereby at all times providing to sustain an air-tight joint.

The upper termination of the rim is broad or wide and approximates the distance between the stopper and the adjacent edge of the cap to form a close fitting and to increase the gasket bearing-surface.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

The combination with a jar or can having an exteriorly-threaded neck, of a removable cap provided with a peripheral depending interiorly-threaded rim and a central cylindrical integral stopper, the diameter of which is approximately equal to that of the throat of the jar or can and the sides of which are parallel with the same, said stopper being provided at its top with a reduced portion or neck forming a circumferential channel 8 and a shoulder 5 parallel with and contiguous to the under surface of the cap, and an elastic gasket arranged in contact with the under surface of the cap with its inner or smaller periphery fitted in said channel between the shoulder 5 and the surface of the cap and having its outer periphery in contact with the inner surface of the rim of the cap, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CONRAD SCHIFFERLY.

Witnesses:

JAMES E. GRAHAM,  
MAUD GRAHAM.