

No. 730,903.

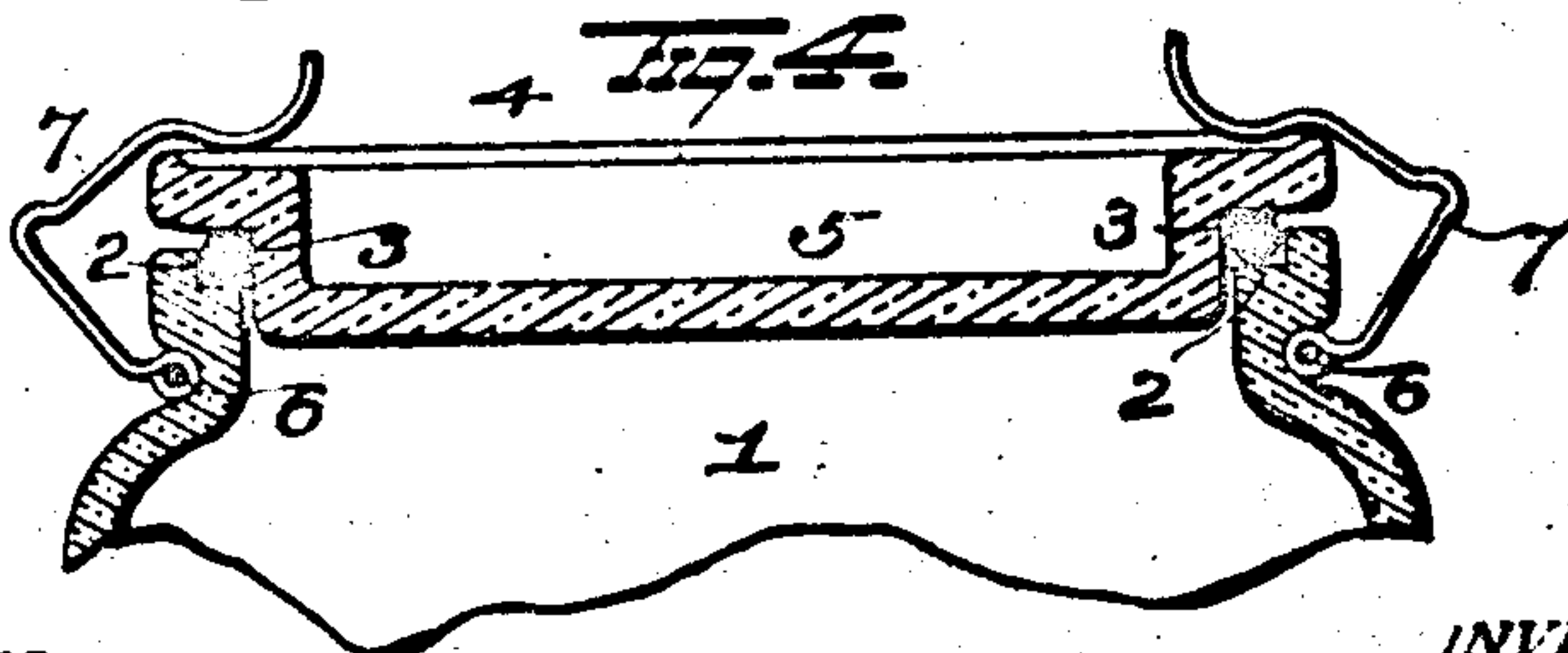
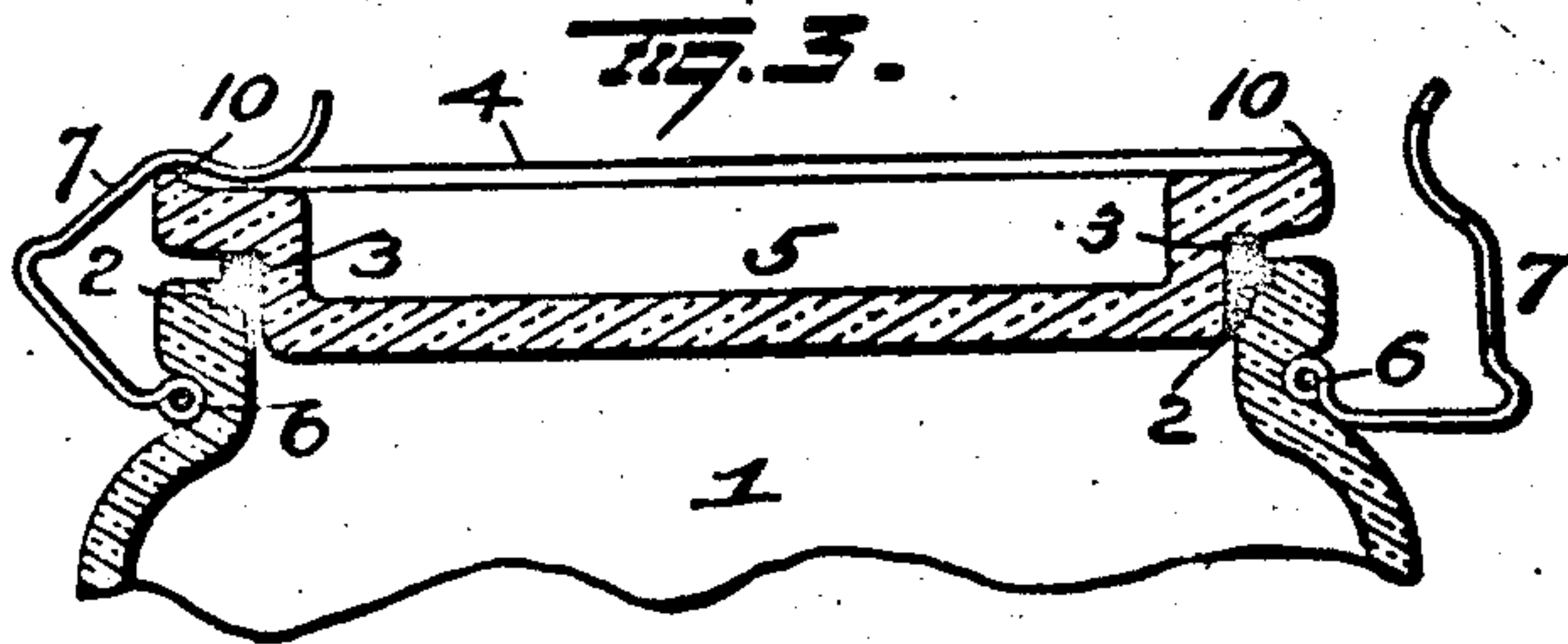
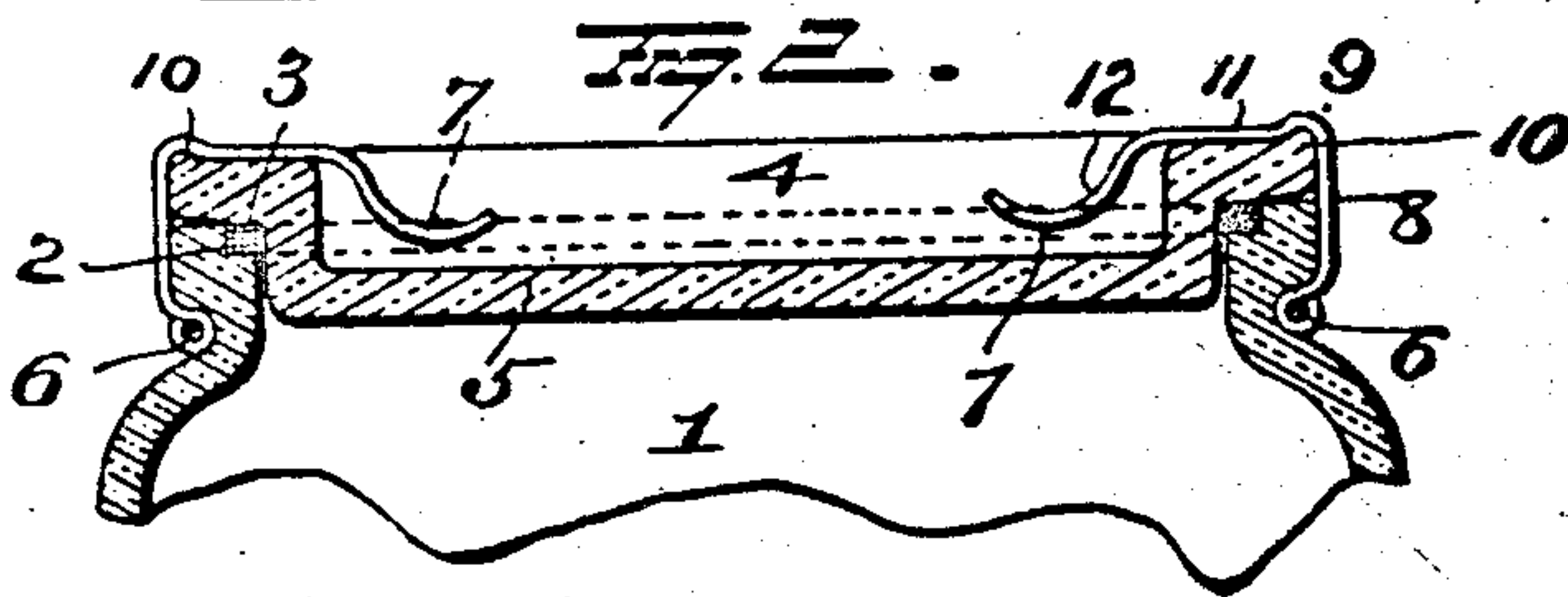
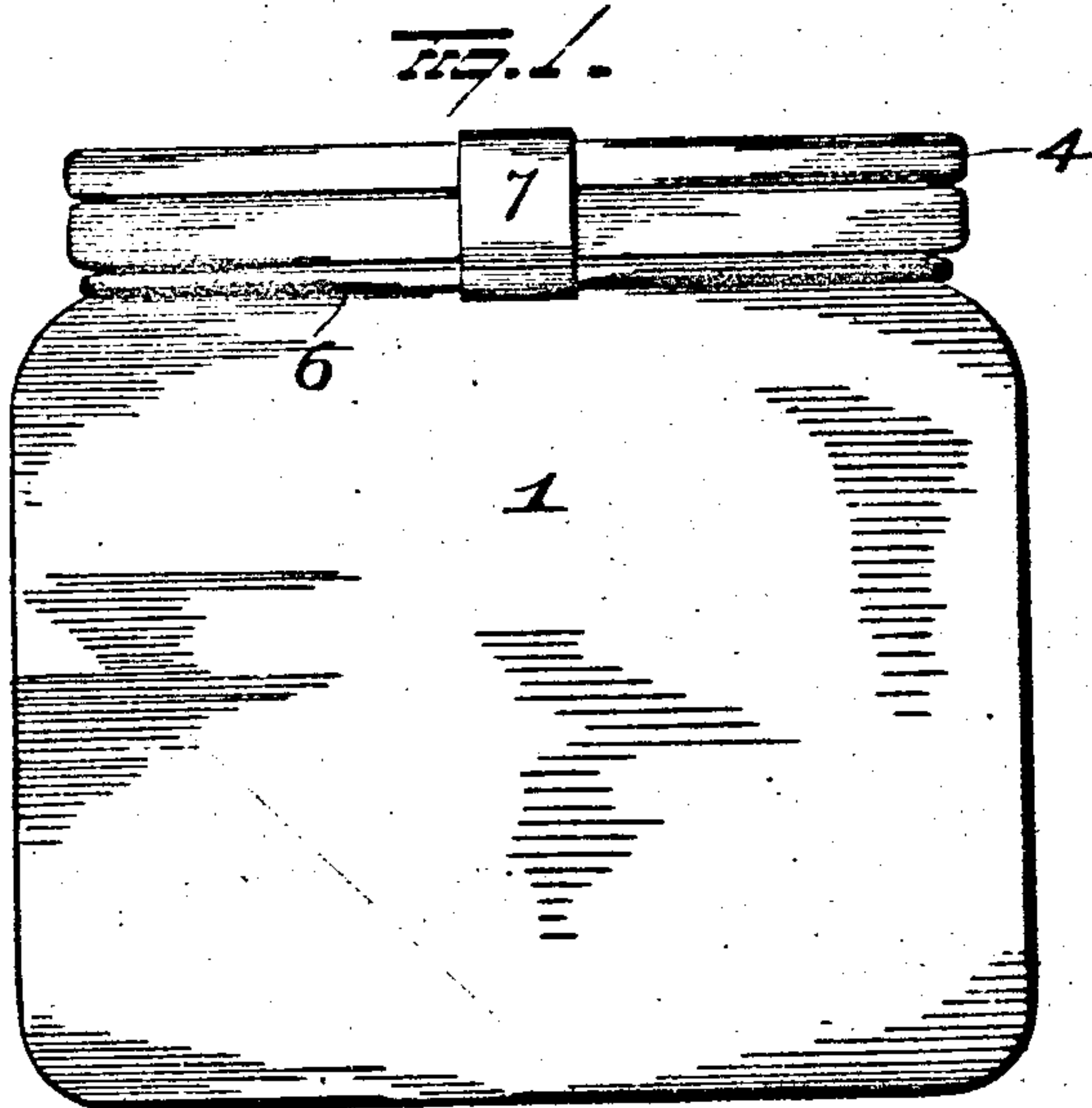
PATENTED JUNE 16, 1903.

F. H. GIBSON.

JAR.

APPLICATION FILED MAY 29, 1903.

NO MODEL.



WITNESSES

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UNITED STATES PATENT OFFICE.

FRANK H. GIBSON, OF BRIDGETON, NEW JERSEY, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE GIBSON JAR COMPANY, OF BRIDGETON, NEW JERSEY.

JAR.

SPECIFICATION forming part of Letters Patent No. 730,903, dated June 16, 1903.

Application filed May 29, 1902. Serial No. 109,529. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. GIBSON, a resident of Bridgeton, in the county of Cumberland and State of New Jersey, have invented certain new and useful Improvements in Jars; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in jars, and more particularly to closures therefor, the object of the invention being to provide a jar with a large mouth or opening to facilitate its being cleaned and provide a cover or closure which will fit into the mouth or opening in the jar, compress a rubber ring or gasket on a seat located in the jar, and, further, to provide improved fastening mechanism which will firmly secure the cover or closure in place to seal the jar or permit the removal of the cover when desired.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in elevation illustrating my improvements. Fig. 2 is a view in longitudinal section. Fig. 3 is a view in section illustrating the closure partially removed, and Fig. 4 is a similar view showing the employment of a round gasket.

1 represents a jar, preferably of glass, pressed into the shape shown and provided at the inner edge of its mouth with a recessed peripheral seat 2 for a rubber ring or gasket 3, which may be angular in cross-section or round, as shown in Fig. 4.

4 represents the cover or closure, which is provided with a depressed center 5 to fit into the mouth of the jar and have the rubber gasket 3 sprung thereon and fit snugly in the seat 2 when the cover is forced into position.

A wire 6 is secured around a peripheral recess in the jar near its mouth and has hinged thereon spring sheet-metal clamps 7, located on diametrically opposite sides of the jar, and

as many of said clamps may be provided as desired, although two will perform all necessary functions. These clamps 7 comprise a strip of spring metal bent around wire 6 to hinge the same thereto. The strip then extends upward, as shown at 8, and is bent into a curved offset 9 to fit over a peripheral shoulder 10 on the cover, and then extends along the flat top of the cover, as shown at 11, and is bent downward and upward, as shown at 12, to project against the depressed portion of the cover and form a finger-hold to permit the ready manipulation of the clamps.

In operation the jar is completely filled with fruit or preserves, as the case may be. The cover, with the gasket thereon, is then inserted into the mouth of the jar and firmly clamped in its closed position by the spring-clamps to hold the gasket firmly on its seat and seal the jar air-tight.

Many changes and alterations might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not wish to limit myself to the precise construction set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. The combination with a jar provided with a mouth having an annular recess in the inner edge thereof and a cover having a depressed portion to enter the mouth of the jar and a peripheral shoulder to be disposed over the mouth of the jar, of a flexible gasket surrounding the depressed portion of the cover and engaging the under face of the peripheral shoulder, said gasket seated on the bottom of the annular recess in the mouth of the jar and also engaging the vertical wall of said recess and clamps connected with the jar and engaging the cover.

2. The combination with a jar having an annular recess in its mouth and a cover having a depending portion to enter the mouth of the jar and a peripheral shoulder to overhang said mouth, of a gasket engaging both

walls of the recess in the mouth and the peripheral shoulder and depending portion of the cover, a wire encircling the jar under its mouth, and spring-clamps hinged to said wire
5 and projecting over the cover and terminating in finger-pieces over the depending portion of said cover.

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

FRANK H. GIBSON.

Witnesses:

ARCH S. LUPTON,
LOUIS G. GIVENBACK.