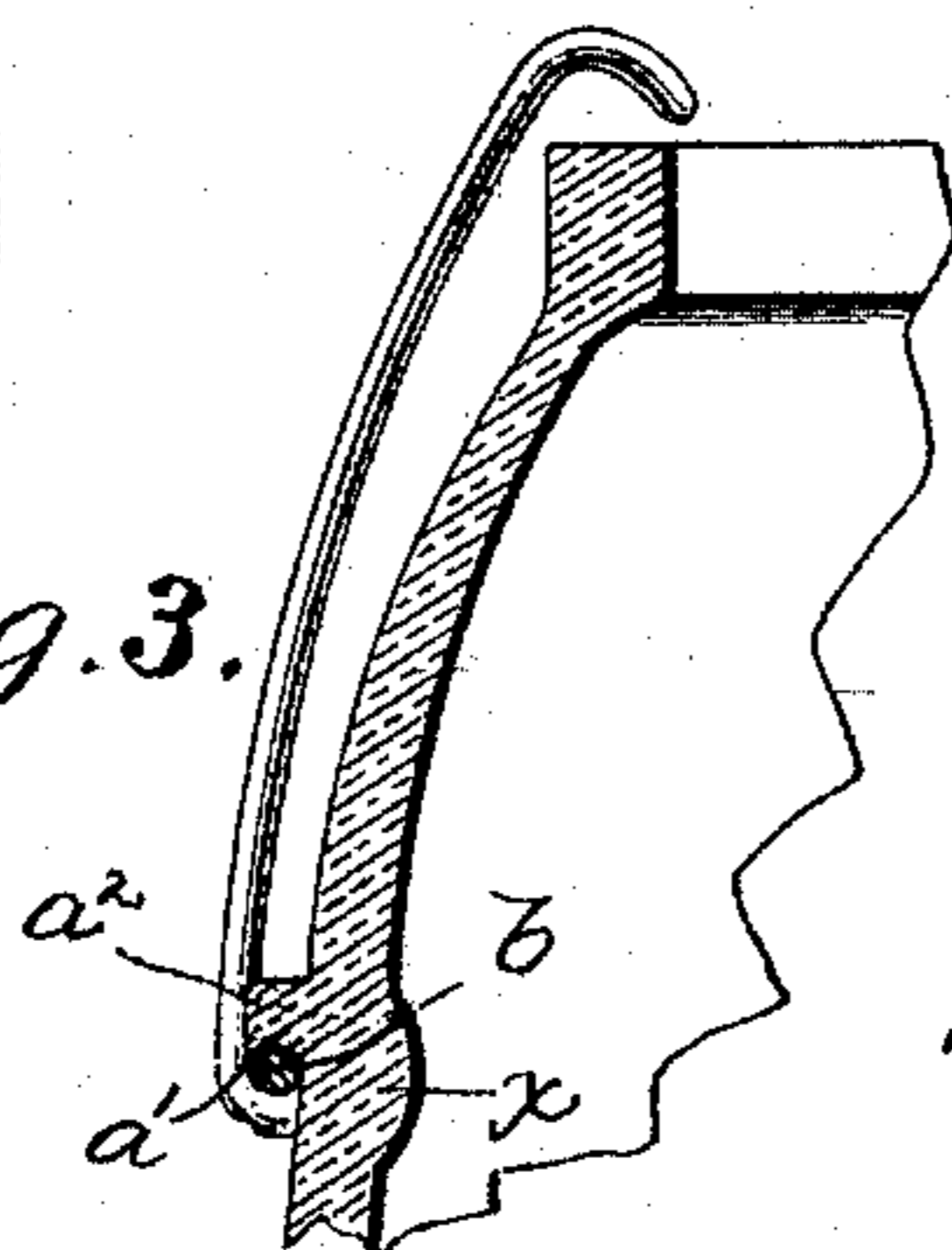
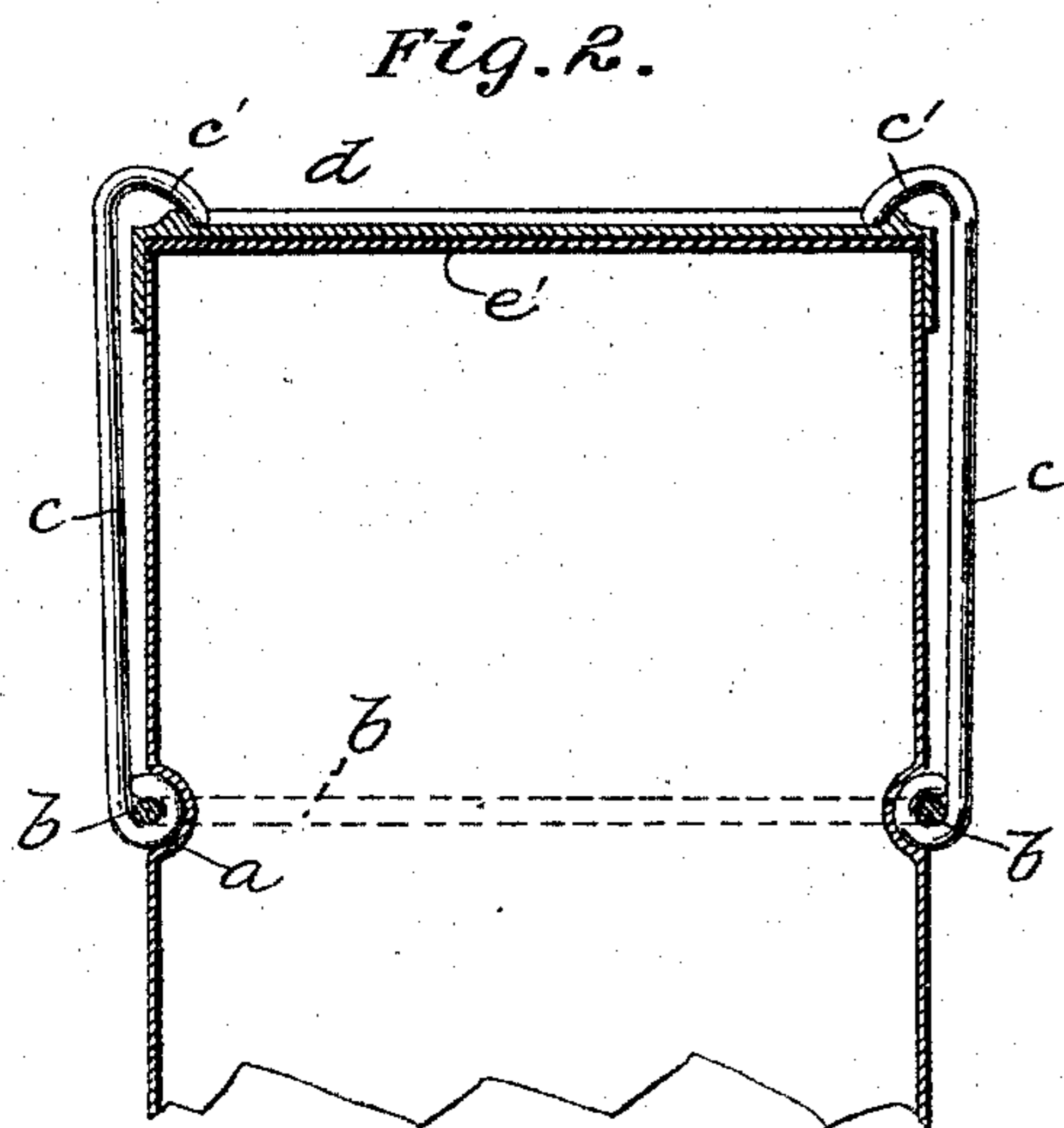
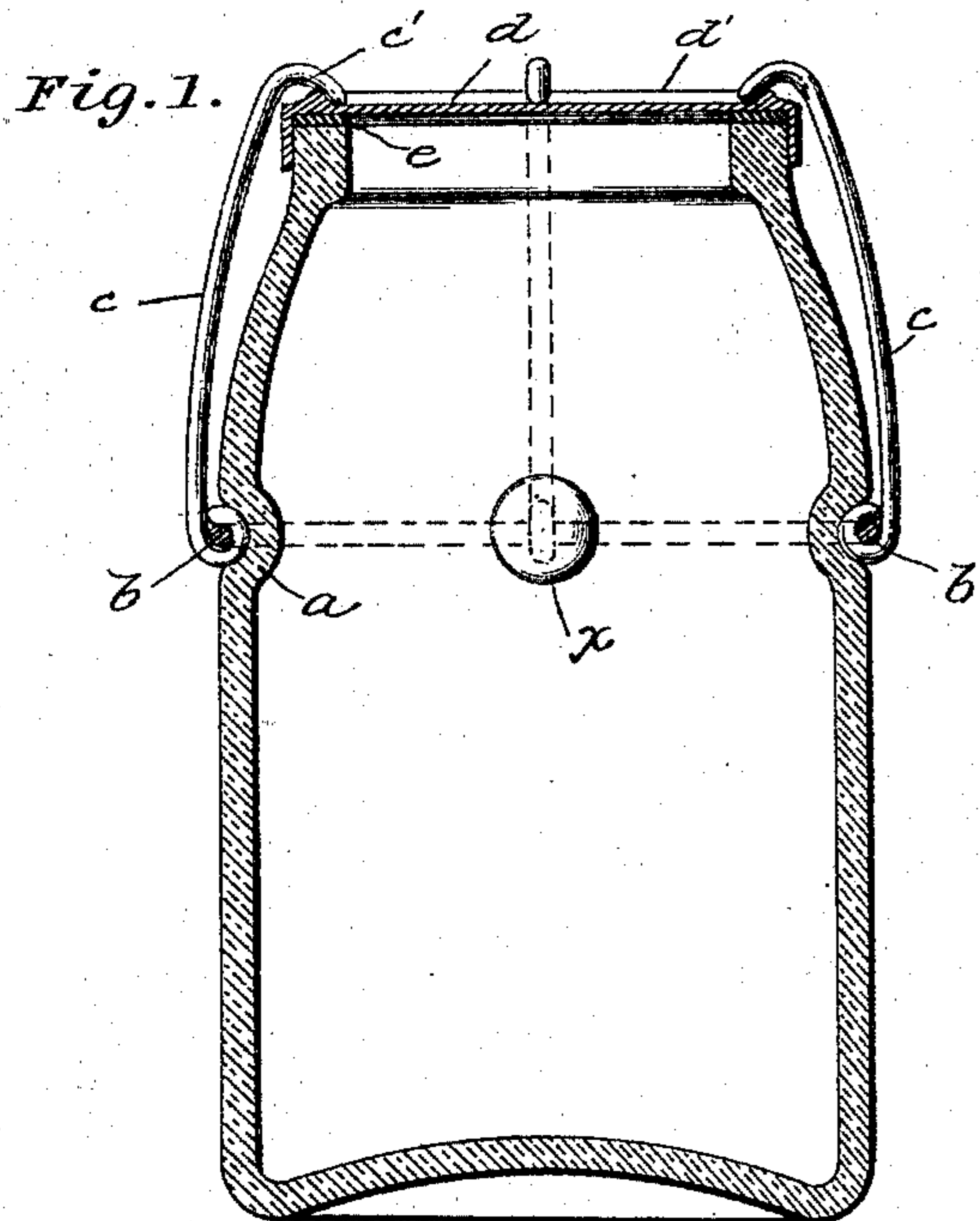


(No Model.)

C. C. DILTS.
JAR FASTENER.

No. 492,391.

Patented Feb. 28, 1893.



WITNESSES:

Frank S. Ober
Harry H. Starrett

Fig. 3.

INVENTOR.

Charles C. Dilts
BY
Baldwin, Davidson & Wight
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES C. DILTS, OF PLAINFIELD, NEW JERSEY.

JAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 492,391, dated February 28, 1893.

Application filed November 5, 1891. Serial No. 411,010. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. DILTS, a citizen of the United States, residing at Plainfield, county of Union, and State of New Jersey, have invented certain new and useful Improvements in Jar-Fasteners, of which the following is a specification.

The object of my invention is to provide a cheap and efficient fastener for the lids of jars, cans &c. To this end I provide the jar with three or more spring clips or fastenings secured to the jar below its top and adapted to snap over the edge of the lid to hold it securely in place. With such a device the tops of the jars are substantially flat and present no material projections to interfere with their packing and handling.

In the accompanying drawings—Figure 1 is a longitudinal section of a glass jar showing my invention: Fig. 2 a similar partial section of a can; Fig. 3 a partial section showing another form of the device.

In Fig. 1 the jar is formed with a horizontal peripheral depression or groove *a* in which is secured a wire *b*. At suitable intervals spring-clips or arms *c* are hinged to the wire *b* as shown. The tops of the spring clips or arms are hooked or bent over as shown at *c'* and are adapted to snap over the edge of the lid *d*.

In order to insure the permanency of the fastening and the proper downward pressure on the lid, the lid is formed with an annular rib *d'* near its edge over which the ends of the clip *c* snap when they are pressed inwardly over the edge of the lid.

Between the top of the jar and the inner face of the lid a suitable packing ring *e* may

be interposed. At the points where the clips *c* are hinged on the wire *b* the groove in the jar is preferably enlarged as shown at *x* so as to allow ample room for the eye of the clip that surrounds the wire. In Fig. 5 I have shown a similar jar but instead of the annular depression or groove in the side thereof it is provided with a projecting flange *a'* beneath which the wire *b* lies. This flange is preferably cut away or notched as indicated at *a''* so as to provide a seat in which the clip lies when turned or snapped up into the position shown in the drawings.

In Fig. 2 I have illustrated a tin can in which the fastening is substantially like that shown in Fig. 1. In this case instead of a ring-washer, such as shown in Fig. 1, I may use a disk of some suitable material, such as rubber or waxed paper. With this style of fastener the jar or can may be readily opened by drawing or prying the clips downwardly, and the jar may readily be closed again by raising the clips and snapping them over the edge of the lid.

I claim as my invention—

The combination, substantially as set forth, of the jar or can, the lid, a wire secured circumferentially to the jar, and spring clips hinged or turning upon said wire, and adapted to snap over the edge of the lid, to secure it in place.

In testimony whereof I have hereunto subscribed my name.

CHARLES C. DILTS.

Witnesses:

FRANK S. OBER,
LLOYD B. WIGHT.