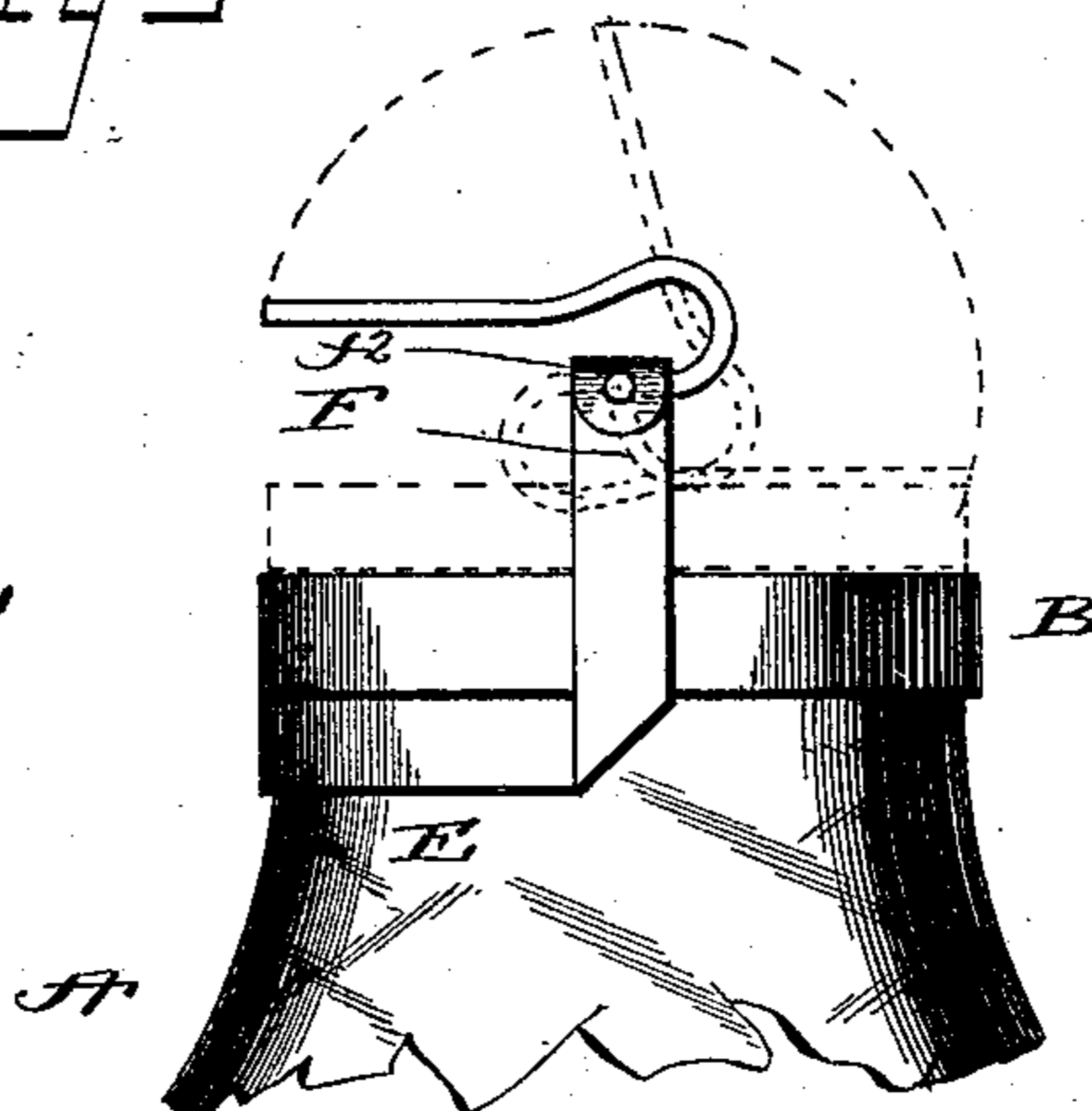
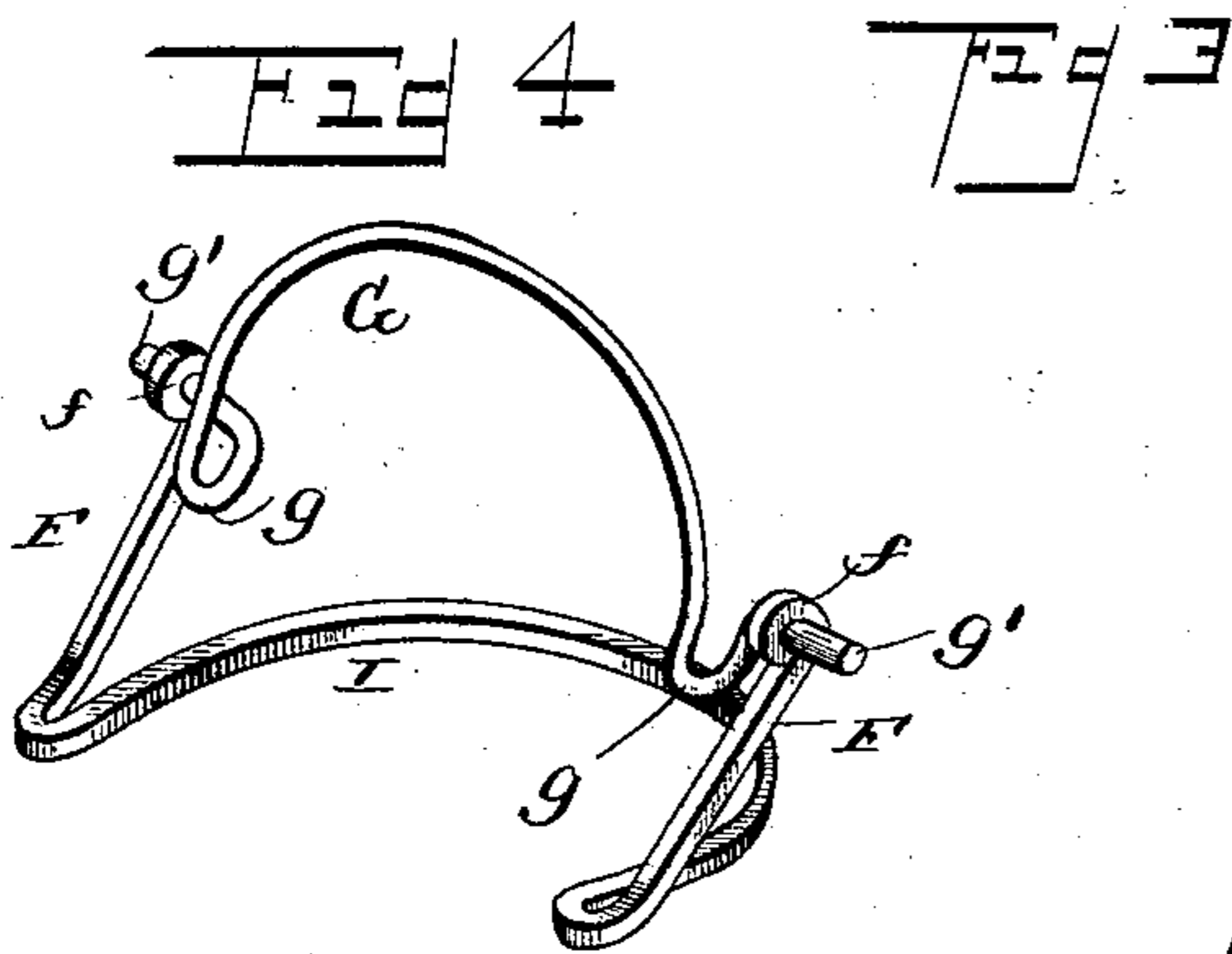
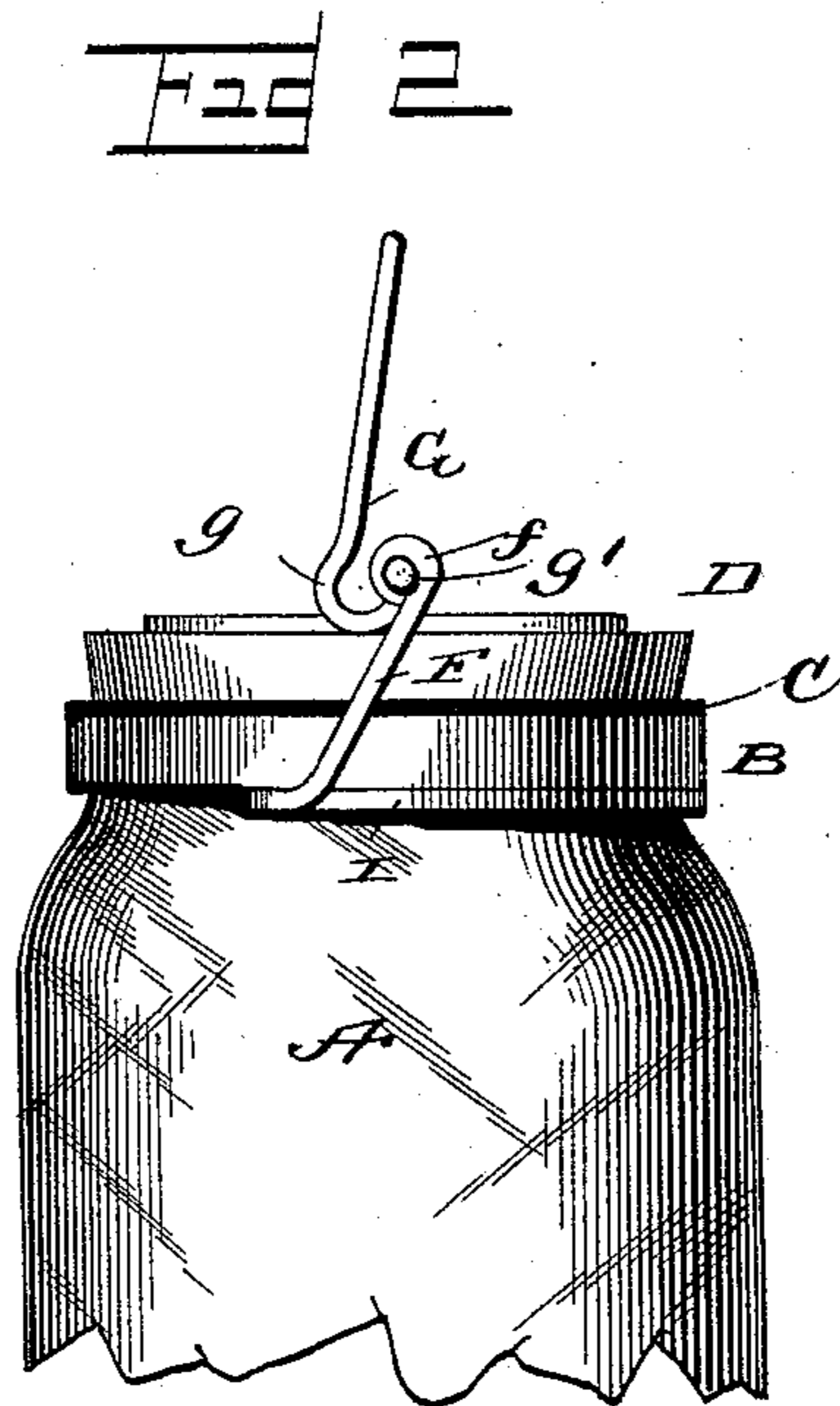
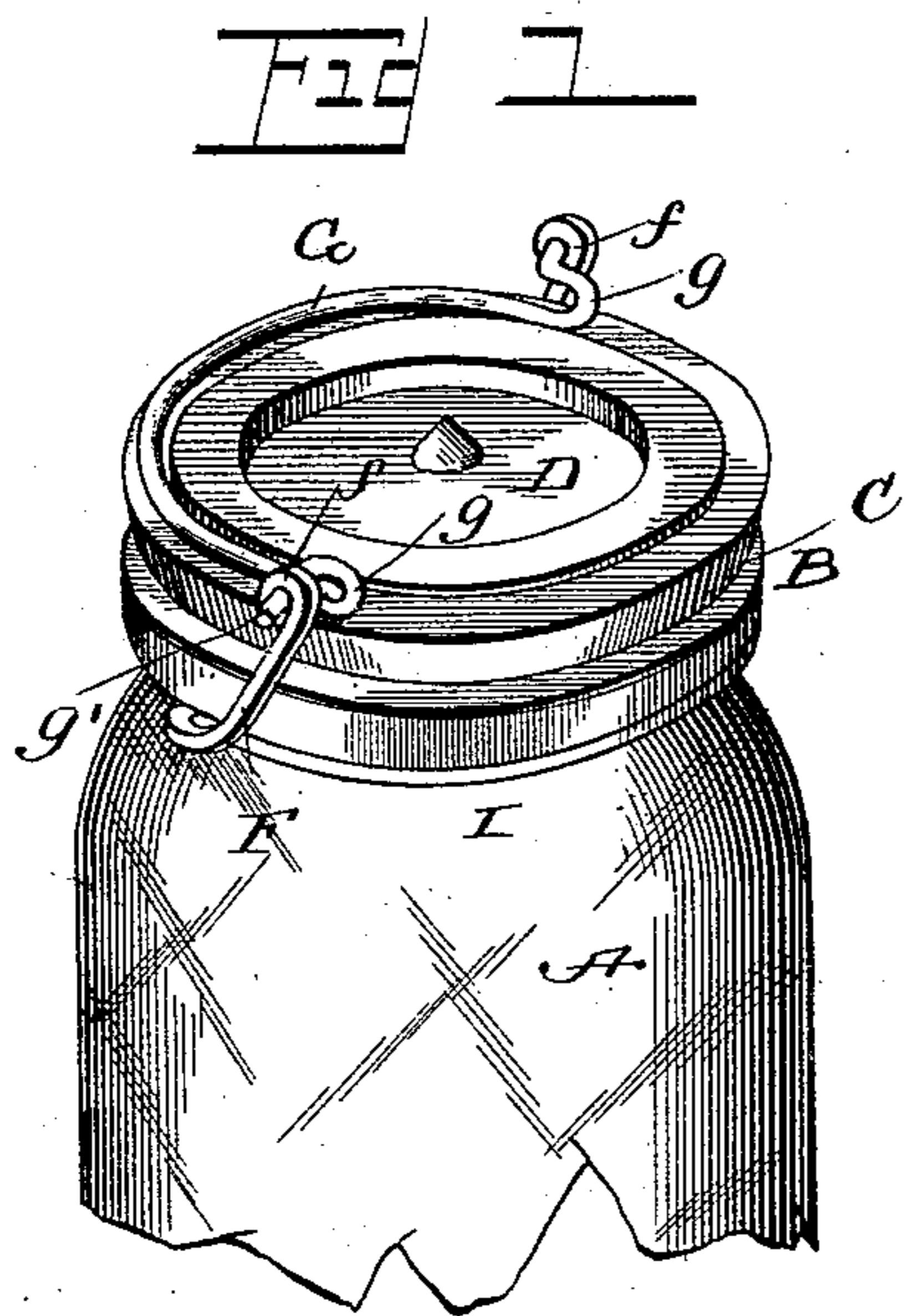


(No Model.)

R. I. PATTERSON.
JAR FASTENING.

No. 477,955.

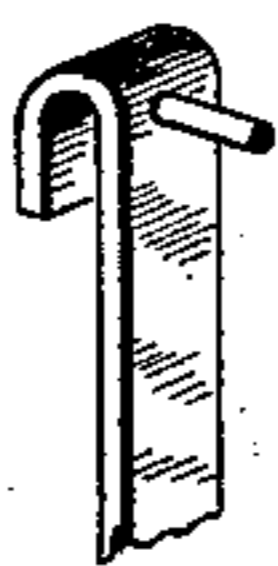
Patented June 28, 1892.



Witnesses

John D. Smith
Edward H. Hark.

Fig. 5



Inventor

Robert I. Patterson

By his Attorney

Charles E. Adams

UNITED STATES PATENT OFFICE.

ROBERT I. PATTERSON, OF MUNCIE, INDIANA.

JAR-FASTENING.

SPECIFICATION forming part of Letters Patent No. 477,955, dated June 28, 1892.

Application filed March 12, 1892. Serial No. 424,711. (No model.)

To all whom it may concern:

Be it known that I, ROBERT I. PATTERSON, a citizen of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented certain new and useful Improvements in Jar-Fastenings; 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 certain new and useful improvements in jar-fastenings, and has for its object to provide a fastening that may be easily and quickly applied to a jar, and which may be readily operated to lock and unlock the jar-cover in place with the expenditure of but slight force, and which shall be simple and durable and capable of being manufactured at slight cost.

To these ends my invention consists in the novel construction and arrangement of parts hereinafter described, and afterward definitely pointed out in the claims, due reference being had to the accompanying drawings, forming a part of this specification, wherein—

Figure 1 is a perspective view of a portion of a jar, showing my improved fastener applied thereto. Fig. 2 is a side elevation showing the fastener partially unlocked. Fig. 3 is a side elevation of a modification; Fig. 4, a perspective of the locking device removed, and Fig. 5 a detail.

Referring to the drawings, the letter A indicates the body of a jar, upon the top of which is formed an annular flange B, slightly greater in diameter than the neck of the jar.

C is a rubber gasket resting upon the flange B, and D is the jar-cover.

E is a metallic band, preferably constructed of wire and slightly greater than the half of a circle. Said band is sprung around the neck of the jar immediately below the annular flange B, and, being greater than a semicircle, tightly embraces the jar-neck and is firmly held thereon. The ends of said band are bent outward and upwardly and rearwardly, forming parallel arms F, the extreme ends of which project slightly above the top of the cover D and are bent to form eyes or loops *ff*. G is the locking-bail, preferably formed of wire and bent to form a semicircle, its ends being

bent upward and backward to form cams *g g*, and finally bent outward in opposite directions, as at *g' g'*, and at right angles to the cams *g g* to form journals, said journals being supported in the eyes or loops *ff* on the arms F F.

The operation of my improved fastener will be readily understood. The bail G being in the position shown by dotted lines, Fig. 1, the gasket C and cover D are placed in position and the bail then swung about its journals *g' g'* to the position shown by full lines in said figure, the cams *g g* preventing said bail from becoming unlocked by accident. The top of the cover D is provided with a raised annular flange *d*, which the bail embraces and which prevents any side motion of the cams *g g* upon the cover. By inclining the arms F F rearwardly the loops or eyes *ff* are brought immediately over points opposite the center of the cover, and the pressure of the locking-bail being immediately over the flange B, between which and the cover is interposed the rubber gasket, the jar is hermetically sealed and liability of breakage overcome. By inclining said arms F F rearwardly they also act as springs, which exert a tension to hold the bail down upon the cover and serve to compensate for any irregularity that may exist in the thickness of the gasket and cover.

In Fig. 3 I have illustrated a slightly-modified form of band for securing the device to the jar and for supporting the locking-bail. As thus constructed, the band E is substantially semicircular in shape and is sprung about the neck of a jar immediately below the annular flange B. The ends of the band are bent vertically up for a suitable distance to form arms F F and are provided with perforations *ff*, which form bearings for the journals *g' g'* of the bail G. The upper ends of the arms F F are bent outward and downward, forming stops *f² f²*, which serve as side bearings for the ends of the journals *g' g'*.

The operation of this form of device is the same as before described.

In both forms illustrated the device consists of but two parts, thus forming an extremely cheap, simple, and durable fastener, easily applied and operated, and not liable to be broken or disarranged.

Having described my invention, what I claim is—

1. In a jar-fastener, the combination, with a metallic band adapted to be sprung about
5 the neck of a jar and consisting of an open loop slightly exceeding a semicircle, the opposite ends of which are bent upwardly and rearwardly and bent to form journal eyes or loops, of a locking-bail consisting of a wire
10 bent into substantially a semicircle and having its ends bent to form cams, the extreme ends thereof being bent outward in opposite directions to form journals, which are supported in the eyes or loops formed on the
15 clamping-band, substantially as described.

2. In a jar-fastener, the combination, with an open spring-loop E, slightly exceeding a semicircle, adapted to be sprung around the

neck of a jar and having its ends bent upwardly and rearwardly, forming parallel arms 20 F, provided on their extreme ends with journal eyes or loops *f*, located at points opposite the center of the jar, of a substantially semicircular wire-locking bail G, having its ends bent to form cams *g* and its extreme ends 25 bent outward at right angles to the cams and in opposite directions to form journals *g'*, which are supported in the journal-eyes *f*, substantially as shown and described.

In testimony whereof I affix my signature in 30 presence of two witnesses.

ROBERT I. PATTERSON.

Witnesses:

L. SCHAEFFER,
GEORGE W. WATSON.