

(No Model.)

J. W. RAMSEY.

JAR FASTENER.

No. 376,043.

Patented Jan. 3, 1888.

Fig. 1.

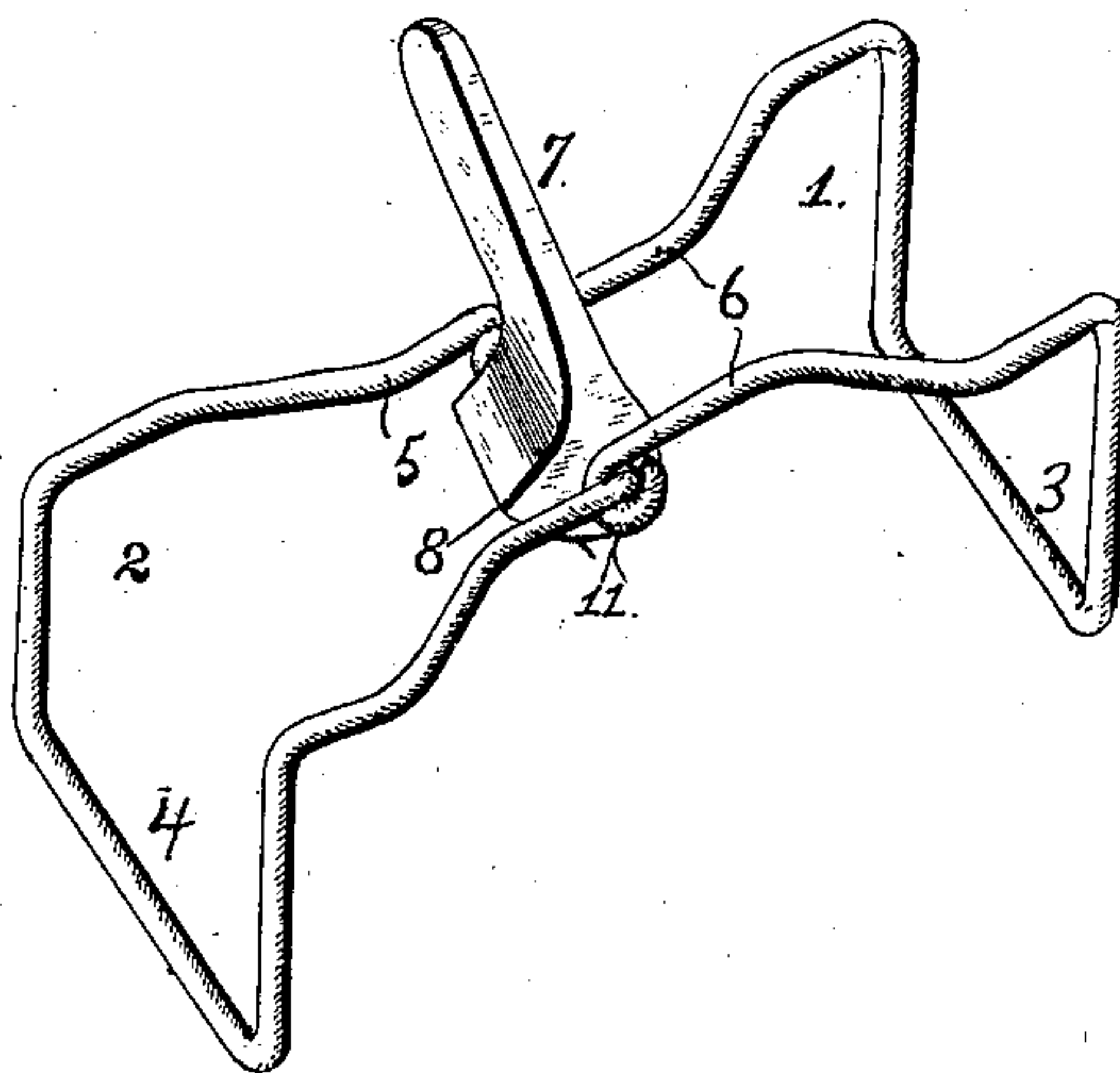


Fig. 2.

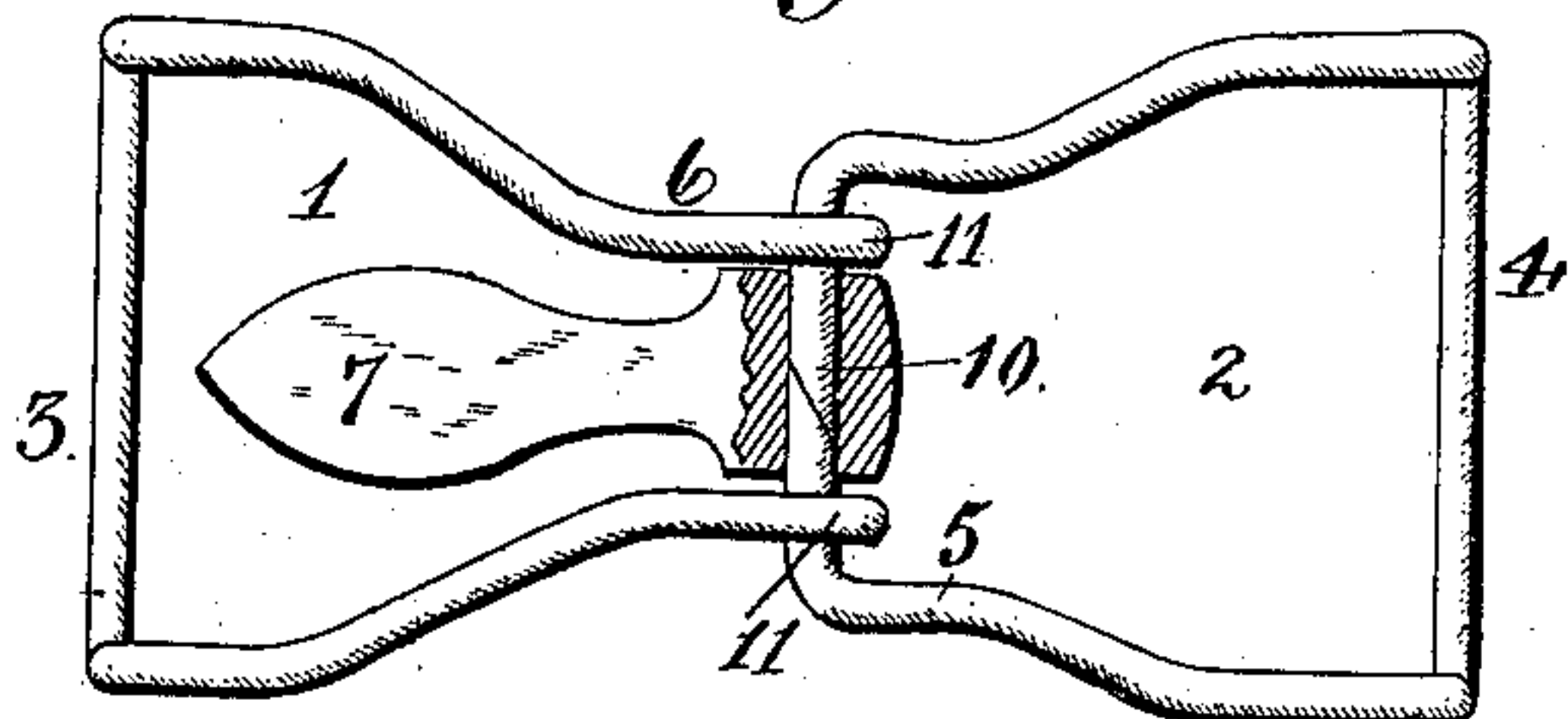


Fig. 3.

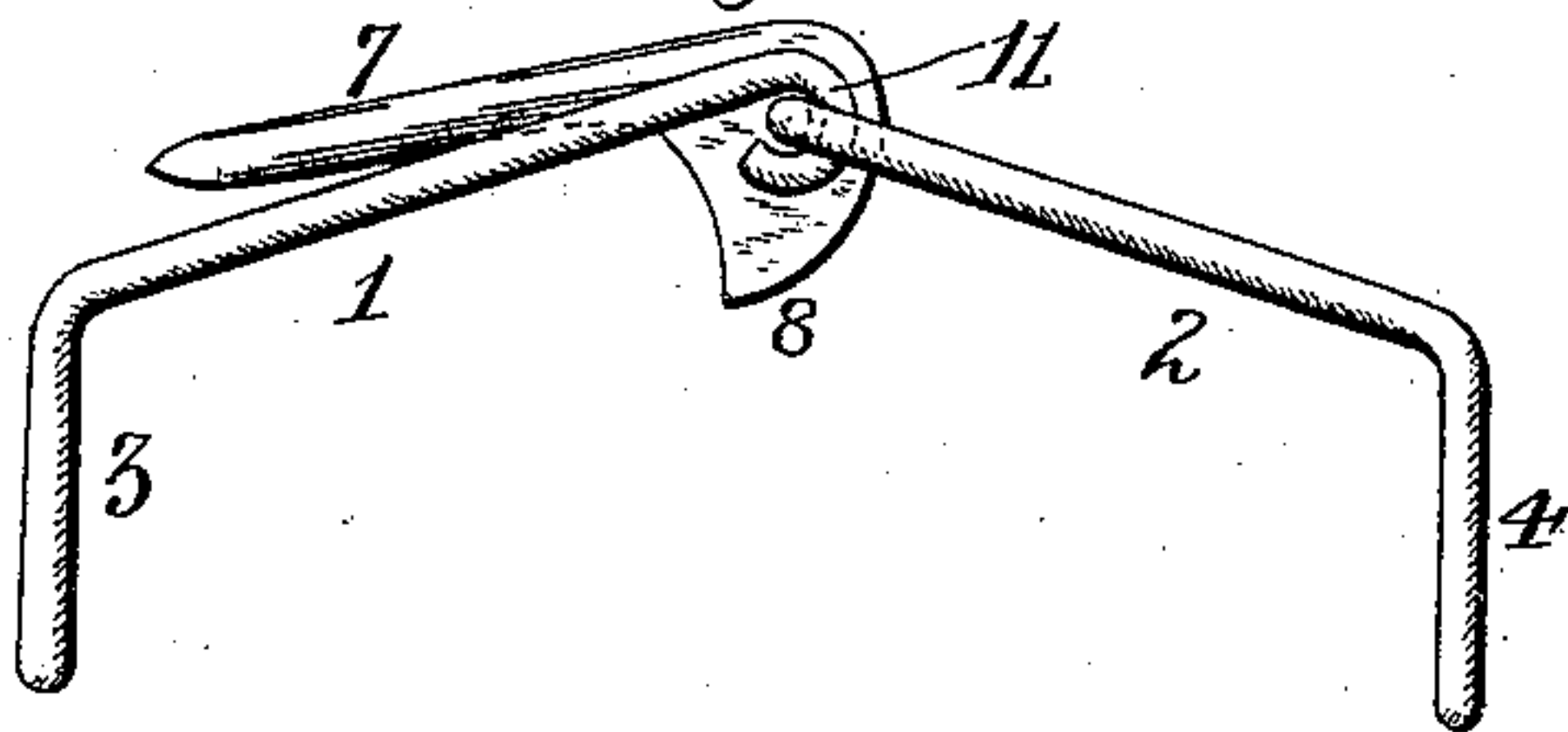
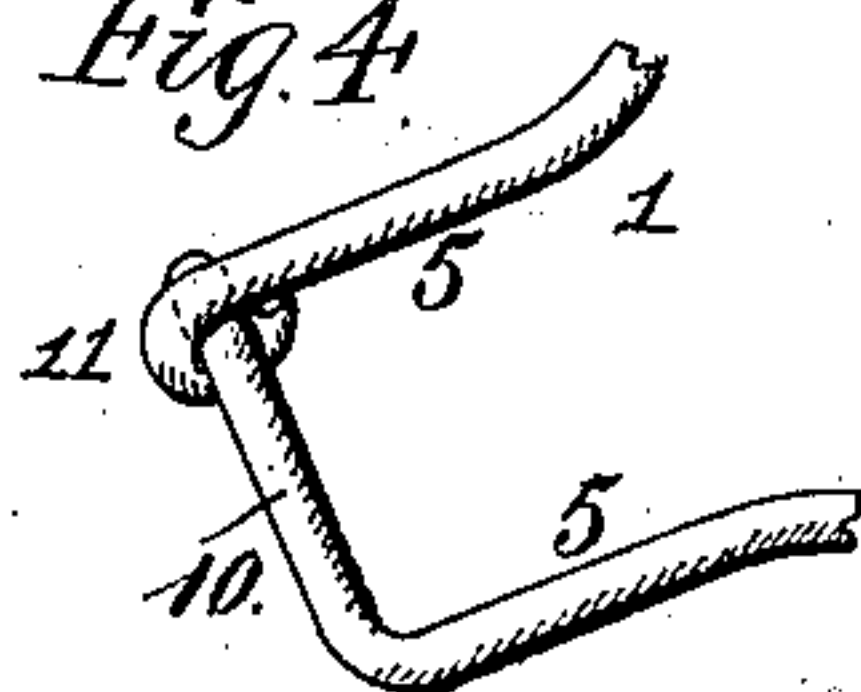


Fig. 4.



Attest:

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UNITED STATES PATENT OFFICE.

JOHN W. RAMSEY, OF BEAVER FALLS, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO JOHN CORBUS, OF SAME PLACE.

JAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 376,043, dated January 3, 1888.

Application filed June 23, 1887. Serial No. 242,266. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. RAMSEY, a citizen of the United States, residing at Beaver Falls, in the county of Beaver and State of Pennsylvania, have invented certain new and useful Improvements in Jar-Fasteners; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of a device embodying my invention. Fig. 2 is a plan view of this form of my improvements, and Fig. 3 is a side elevation of the same. Fig. 4 is a detail view of a modification.

My invention relates to jar-fasteners, and the object is to produce an inexpensive fastener mainly out of wire and readily applicable to the ordinary patterns of glass jars.

The improvements consist in the following construction and combination of parts, which will be first fully described, and the points of novelty then pointed out in the claim.

The jar-fastener consists of two wire clamps, 1 and 2, which are bent in the form shown in the drawings, and connected at their inner ends so as to form a swinging joint.

3 and 4 represent the outer portions of the wire clamps, which are bent downwardly so as to reach below the cover of the jar, and to clamp the jar by engaging lugs or a groove around the neck thereof. The inner ends of the clamps 1 and 2 are narrowed in width, as shown at 5 and 6, and a pivoted clamp-lever, 7, is introduced between the wires of the clamp. This lever has formed upon it a cam or eccentric, 8.

In Figs. 1, 2, and 4 the clamp 2 is made in one piece, the inner end of which is bent at right angles and constitutes the pintle or shaft upon which the clamp-lever 7 works. The clamp 1 of this modification has the inner ends of its wires provided with eyes 11, which embrace the pintle 10 and form a pivoted joint between the clamps 1 and 2, and which admit of a swinging or yielding movement of the clamps at the center of the fastener. The in-

ner ends, 5 and 6, of the clamps 1 and 2 are contracted in width, so as to lie closely along the sides of the lever 7.

The operation of the clamp is as follows: When placed upon the jar, the lever 7 is in a vertical position, which allows the clamps to be placed around the neck of the jar. By swinging the lever 7 downwardly to a horizontal position the cam-face 8 is brought against the top of the jar-cover, which raises the inner ends of the clamps 1 and 2, thereby tightening the clamp and sealing the cover upon the jar.

In the modification shown in Fig. 4 one end of the wire forming one of the wire clamps is bent inwardly to form the pintle 10 of the lever 7, and the other end of the wire clamp is bent or looped about the projecting end of the pintle. The other clamp is pivoted upon the pintle.

The swing of the fastener upon its central joint causes the clamp-arms to approach each other in the clamping of the jar-cover.

By extending the pintle entirely across the jar-fastener a firm effective bearing is produced. In jar-fasteners made of light wire this provision has been found to be necessary, for the reason that where the bearings are formed by short projecting ends made from the wire itself they are sprung or pulled out of place, and the fastener thereby rendered ineffective.

I am aware that a wire jar-clamp pivoted at its center is not new, and I do not claim, broadly, such a device.

I claim—

In a jar-fastener, the combination of two oppositely-arranged double wire clamps pivoted at their inner ends, one of said clamps having its ends bent inwardly and extended across the clamp to form a pintle upon which the clamps are pivoted, and a clamping cam-lever pivoted centrally upon the pintle, substantially as and for the purposes herein described.

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

JOHN W. RAMSEY.

Witnesses:

J. F. MERRIMAN,

GEO. W. MORRISON.