

(No Model.)

T. F. GAYNOR.

JAR FASTENER.

No. 365,592.

Patented June 28, 1887.

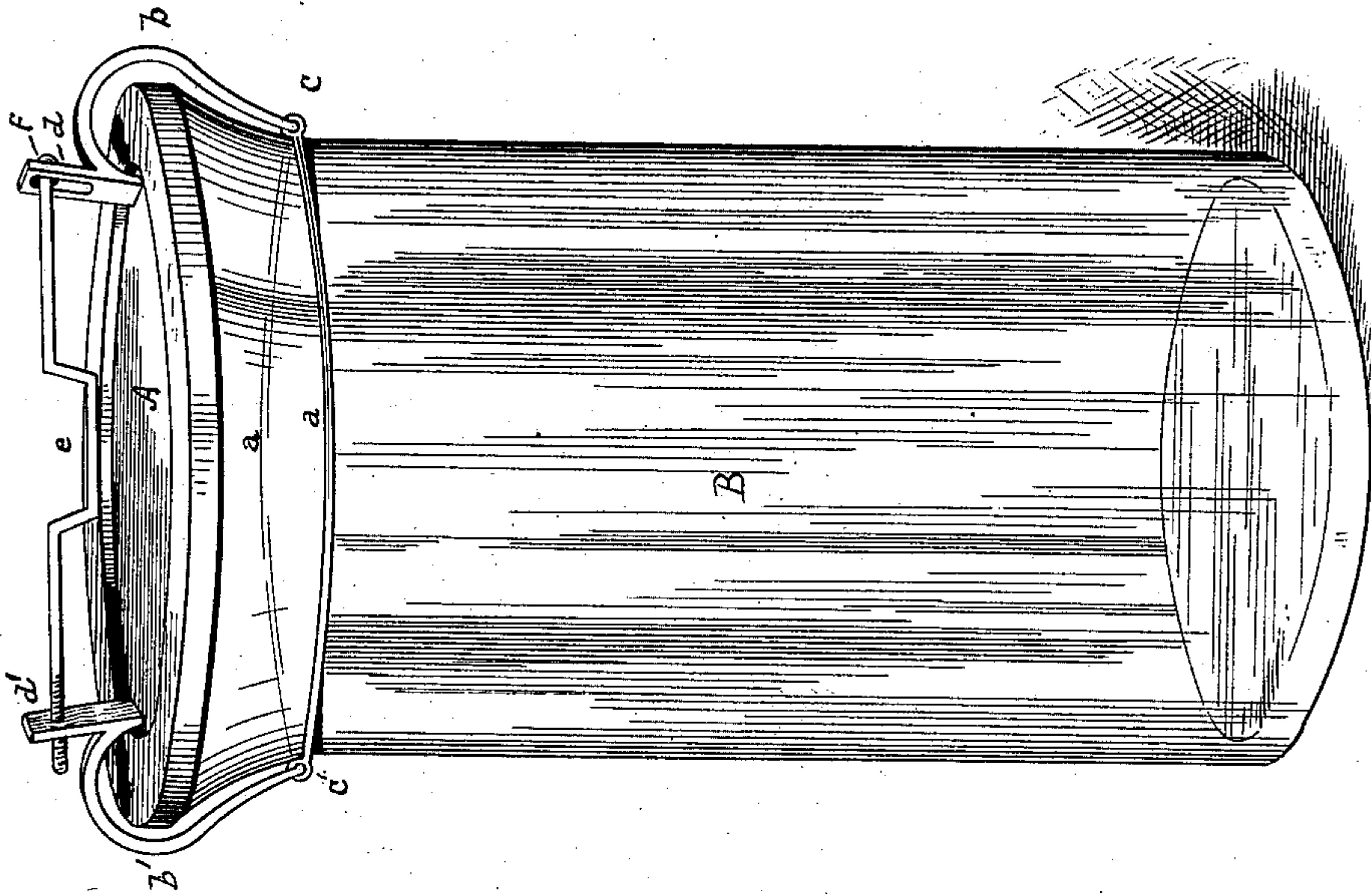


Fig. 2.

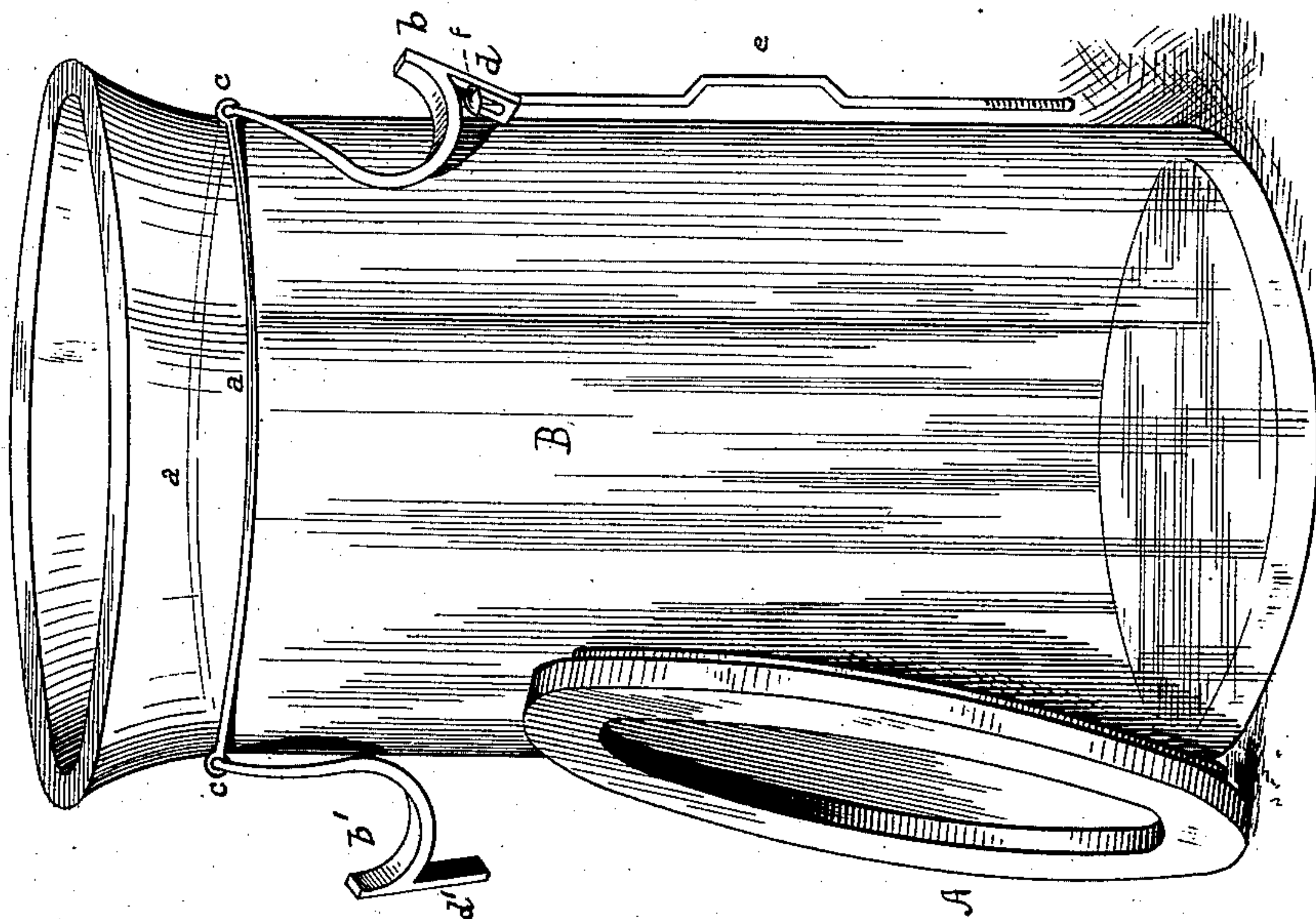


Fig. 1.

WITNESSES:

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JAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 365,592, dated June 28, 1887.

Application filed May 14, 1887. Serial No. 238,194. (No model.)

To all whom it may concern:

Be it known that I, THOMAS F. GAYNOR, a citizen of the United States, residing at New York city, in the State of New York, have invented a new and useful Improvement in Fruit-Jar Fasteners, of which the following is a specification.

The object of my invention is to provide a fastening attachment by means of which the cover of a jar, can, vase, or other vessel, whether made of glass, pottery, tin, or other substance, may be held tightly and securely fastened to said jar, can, &c., in a simple and effective way, and be capable of easy adjustment, tightening, and releasing.

The essence of my improved fastener is shown in the accompanying drawings, in which—

Figure 1 represents a jar with the cover off and the fastener turned back out of the way, so that the jar may be filled or emptied. Fig. 2 represents the jar with the cover on, the fastener being in position to secure the cover to the jar, and being set and adjusted to hold the same closely united together.

The same letters indicate similar parts in the different figures.

A is the cover or stopper.

B is the jar, can, pail, vase, or other similar vessel. As before stated, this jar and the cover may be of glass, pottery, wood, metal, or composition.

The fastener is secured by a band, *a*, which is passed around the neck of the jar or other vessel, and may be of wire or other suitable material, the band thus made being somewhat smaller than the actual mouth of the jar. Of course the shape of this band would correspond nearly to the shape of the jar to be fastened, as a many-sided jar would require a little different band from a circular jar. To this band *a* are secured two curved arms, *b b'*, hung thereto by eyes *c*, formed in or secured to the band *a*. These arms are made of proper curvature and size to extend from the band up over the jar and its cover and be pressed down upon the top of said cover, as shown in Fig. 2. These arms terminate in the straight pieces *d d'*, the piece *d* being slotted, as shown in Fig. 2, while piece *d'* has a screw-threaded hole through it in place of a slot. When in use these arms are connected together, as shown in Fig. 2, by the connect-

ing-rod *e*, one end of which passes through the slot in *d*, and is provided with a head, *f*, to prevent its getting loose from *d*, and the other end is screw-threaded to correspond with the hole passing through *d'*. The middle portion of this connecting-rod *e* is preferably formed with a bend like a bit-stock for convenience in turning, although a straight connecting-rod might be used, though less convenient.

The object of the slot in the piece *d* is to prevent this connecting-rod from becoming cramped and bound by the piece *d*, as the two pieces *d d'* are drawn toward each other by turning the connecting-rod to force the cover into closer union with the jar.

The operation of my fastener is as follows: The jar, Fig. 1, being filled with preserves or other substance desired to be sealed, receives its cover by simply laying the same on the top of the jar, the circular projection on the under side of the cover fitting down within the mouth of the jar. The arms *b b'* are then turned up so that the pieces *d d'* fall on the top of the cover. The connecting-rod *e* is slipped back through the slot to allow its threaded end to be inserted in the hole of the piece *d'*. This being done, the connecting-rod is turned so that the screw is fed through the threaded hole of the piece *d'*, and thus the arms *b b'* are gradually drawn together, thus pressing the cover more and more forcibly down upon the top of the jar. This turning is continued until the desired pressure between the jar and its cover is secured, and the jar is then set away. The jar is opened by simply reversing this process, releasing the cover by untwisting the connecting-rod *e* and throwing back the fastener into the position shown in Fig. 1.

I claim—

The above-described fruit-jar fastener, which consists of two bent arms connected together by a band passing around the jar, and provided with a screw-threaded connecting-rod for drawing the free ends of said arms together to force the cover into close contact with the jar, as herein described, and for the purposes specified.

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Witnesses:

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