

(No Model.)

J. T. PINNELL.
FRUIT JAR TOP STRAIGHTENER.

No. 523,082.

Patented July 17, 1894.

Fig. 1.

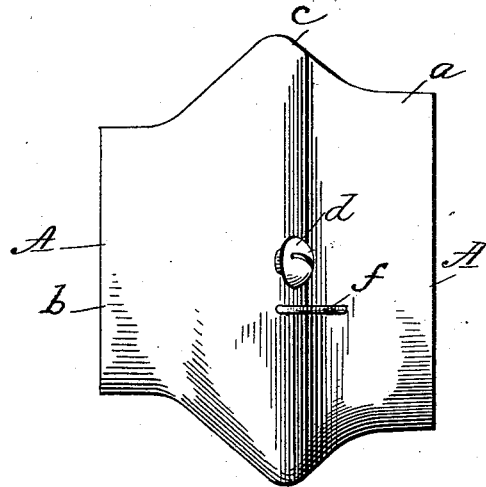
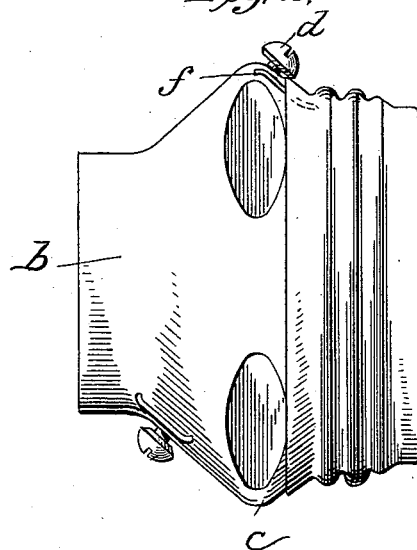


Fig. 2.



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UNITED STATES PATENT OFFICE.

JONES T. PINNELL, OF DUNMORE, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS TO FRANK E. SWARTZ, OF SAME PLACE, AND C. H. FISHER, OF BINGHAMTON, NEW YORK.

FRUIT-JAR-TOP STRAIGHTENER.

SPECIFICATION forming part of Letters Patent No. 523,082, dated July 17, 1894.

Application filed September 28, 1893. Serial No. 486,690. (No model.)

To all whom it may concern:

Be it known that I, JONES T. PINNELL, a citizen of the United States, residing at Dunmore, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Fruit-Jar-Top Straighteners; 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 use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention is designed to straighten the lower edge or flange of a fruit jar top which as is well known is made of sheet metal and ordinarily screws down over the top of the jar. This flange at its lower end very often gets bent or indented and makes it difficult to properly apply it.

By my invention all irregularities are easily straightened and the proper flare restored to the flange or edge.

In the drawings:—Figure 1, is a side view of the straightener. Fig. 2, shows a top in place.

The straightener is intended for use upon two sizes of can tops and is consequently shown as double though if desired it may be made for but one size. It consists of a block A which may be of wood or other material having a cylindrical extension at each end, *a* *b*, one being of larger diameter than the other to suit the two sizes of caps. From the extensions the block tapers to a larger circumference the flare being that ordinarily given the lower edge of the cap flange. The cap is placed over the extension *a* for instance with the edge of the flange bearing on the flaring part *c* of the block. A screw *d* having a

rounded shoulder on the under part of its head is embedded or screwed into the flaring part *c* of the block with sufficient space between it and the surface of the block to just allow the edge of the cap flange to pass and as it passes it is straightened by contact therewith. The screw straightens the upper edge of the flange edge and just in advance or in rear of the screw I place a staple *f* extending across the path of the flange edge and this staple forms a metal bearing to straighten the irregularities in the inner face of the edge of the flange. The opposite end of the block A is a duplicate of that just described except it is smaller for a different size of cap.

What I claim is—

1. A straightener for jar tops consisting of a block having a cylindrical extension, a flaring shoulder at the inner end of said extension, and a flanged straightener screwed to said block in the flaring shoulder with a space between it and the block for the passage of the flange of the top, substantially as described.

2. A jar top straightener consisting of a block having a cylindrical extension terminating in a flaring shoulder, a flanged straightener for the outer side of the edge and a metal bearing for the inner side of the edge, substantially as described.

3. A jar top straightener consisting of a block having its ends of different diameter, each end being provided with a flanged screw and staple to engage and straighten the edge of the jar top, substantially as described.

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

JONES T. PINNELL.

Witnesses:

D. BUCKLAND,
WM. H. ROE.