

W. L. HUBBELL.
BOX-COVER.

No. 176,863.

Patented May 2, 1876.

Fig. 1.

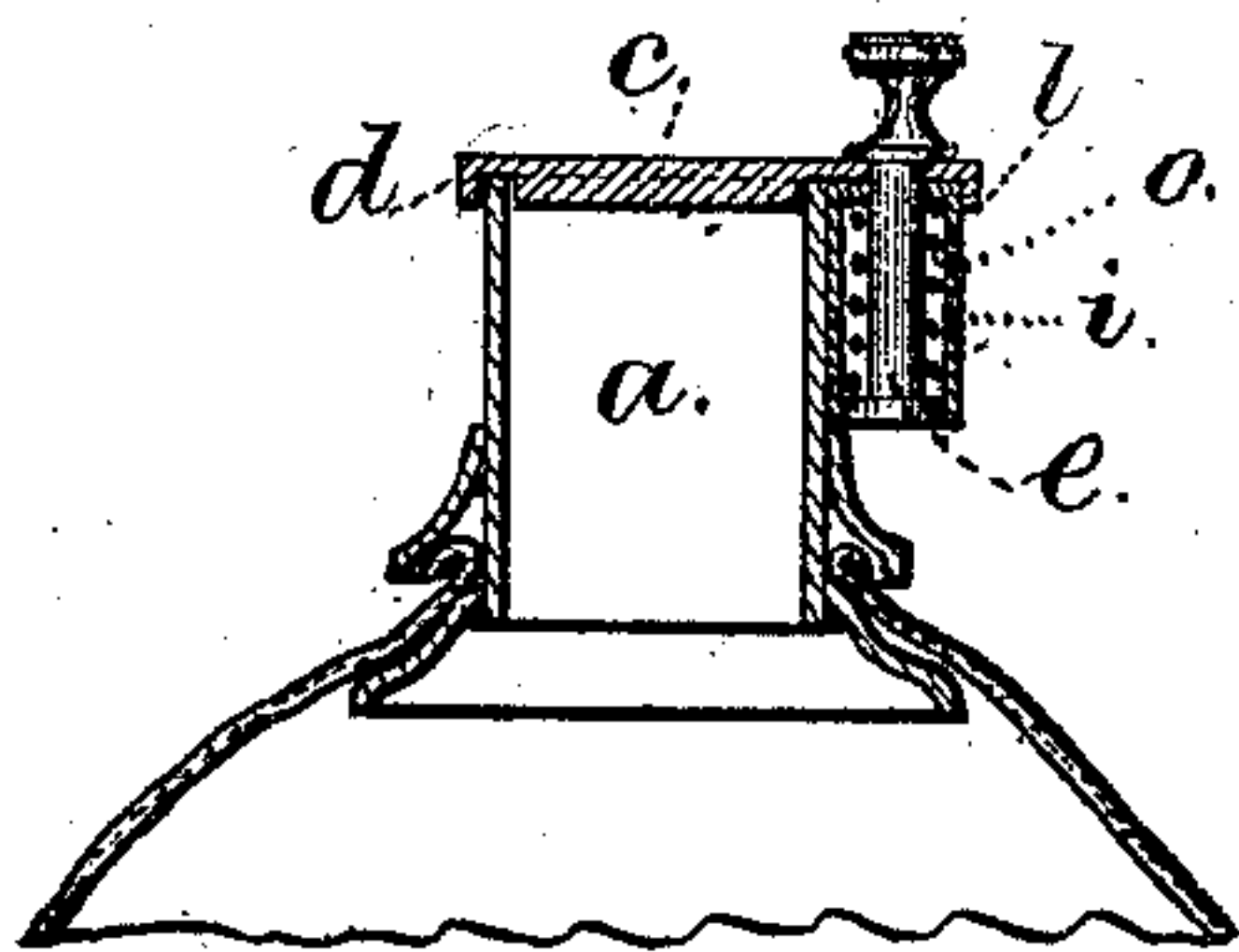


Fig. 2.

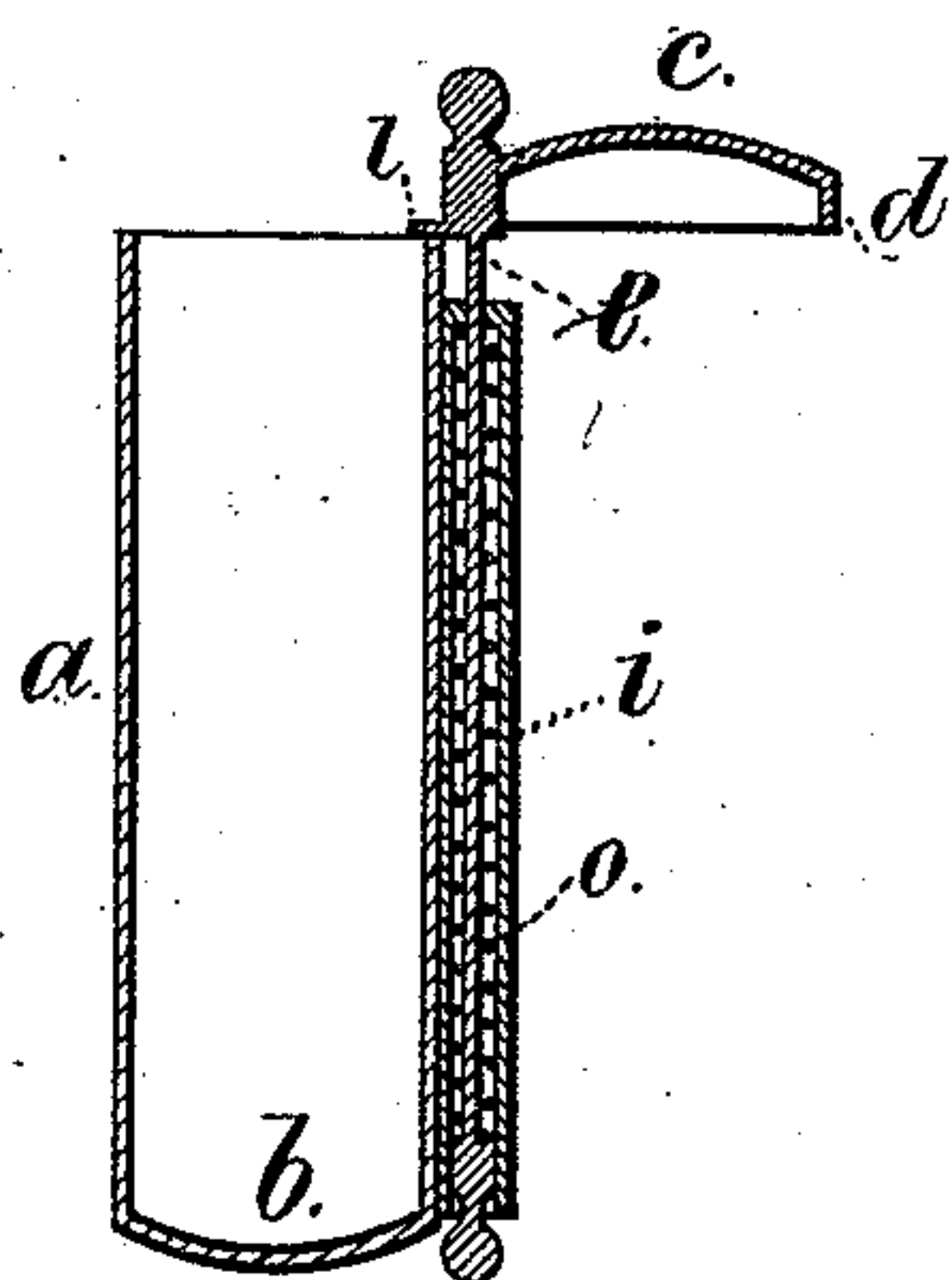
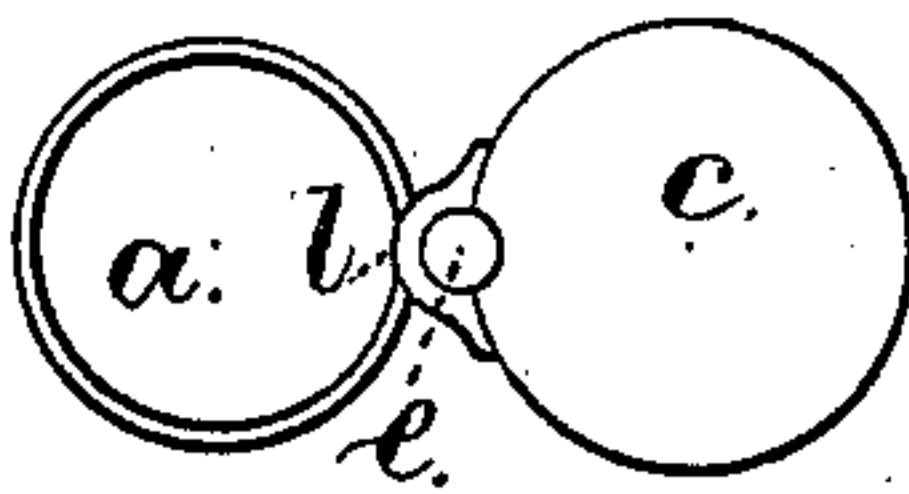


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM L. HUBBELL, OF NEW YORK, ASSIGNOR TO RAYMOND JENKINS,
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IMPROVEMENT IN BOX-COVERS.

Specification forming part of Letters Patent No. **176,863**, dated May 2, 1876; application filed
February 3, 1876.

To all whom it may concern :

Be it known that I, WILLIAM L. HUBBELL, of the city and State of New York, have invented an Improvement in Covers for Boxes, of which the following is a specification :

This invention relates to a box-cover that is turned aside in a plane parallel, or nearly so, to the top or mouth of the box, and moves upon a pivot-pin that is at right angles to such plane; and the invention consists in combining with such cover a rim, and a spring that presses the cover toward the box.

By this construction the cover has to be lifted bodily from the box sufficiently to clear the rim from the box, and then swung aside, and when the lid is turned back over the box the spring closes it down bodily, causing the rim to enter within, or to surround the end of the box, thereby preventing the cover being turned aside until lifted bodily against the action of the spring.

In the drawing, Figure 1 is a section of the lid and the box-shaped end for a tobacco-pouch. Fig. 2 is a similar section of a match-box, with the cover turned aside, and Fig. 3 is an endwise view.

The box *a* is of any desired shape or size, with a bottom, *b*, Fig. 2, or without a bottom, as in Fig. 1. The lid or cover *c* is made with a rim, *d*, either external or internal, to pass outside or inside the end of the box. The pivot *e*, upon which the cover turns or is swung aside, is at right angles to the plane of the cover at or near one side thereof, and said pivot enters a socket or tube, *i*, and is pro-

vided with a spring, *o*, which is, preferably, helical, and around the pivot *e*, to act to draw the cover down toward the box, so that when the cover is lifted bodily the rim is cleared from the box, the pivot-pin moved endwise, and the spring strained; the cover can now be turned aside in a plane parallel to the end of the box; and a projection around the pivot-pin is shown at *l*, to rest upon the end of the box, so as to prevent the lid being drawn down by the spring after it has been turned aside; hence the lid or cover can be revolved entirely around; but when in position for the cover to close, the spring moves the pivot-pin endwise, shutting the lid down bodily with the flange or rim inside or outside the box, and thus the lid is prevented from being turned around until again lifted to clear the rim from the box.

The projection *l* may be a pin passing into a slot in the pivot-tube, and resting upon the end of that tube when the lid is turned aside.

I claim as my invention—

A flanged cover, for boxes and similar articles, connected to a box by means of an extended pivot and closing-spring, and capable of being raised vertically and swung laterally, substantially as described.

Signed by me this 29th day of January, A. D. 1876.

WM. L. HUBBELL.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.