

J. CASEY.
Cigar Box.

No. 220,575.

Patented Oct. 14, 1879.

Fig. 1.

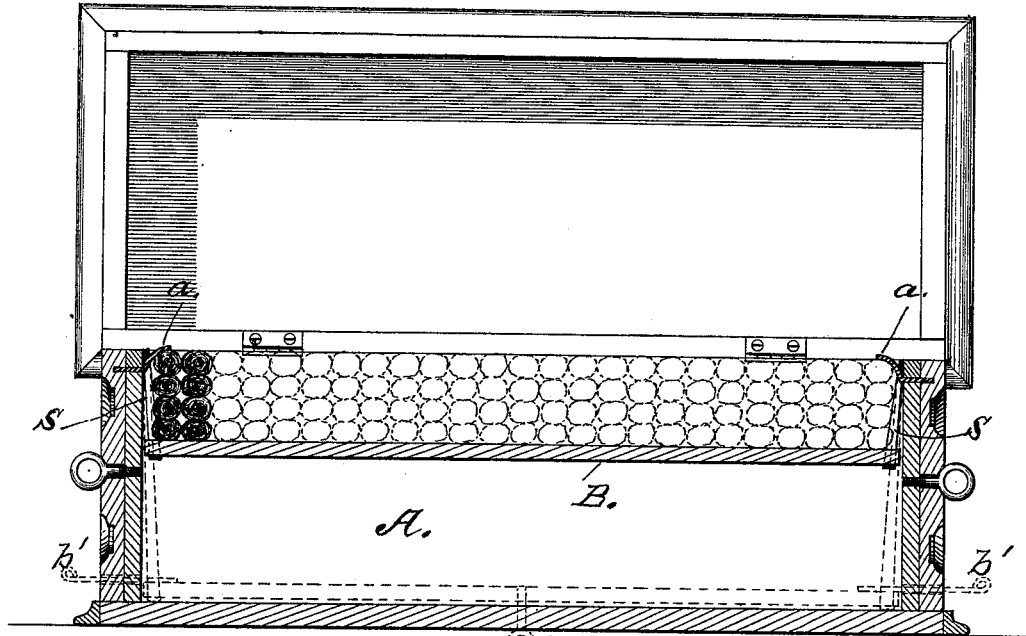


Fig. 2.

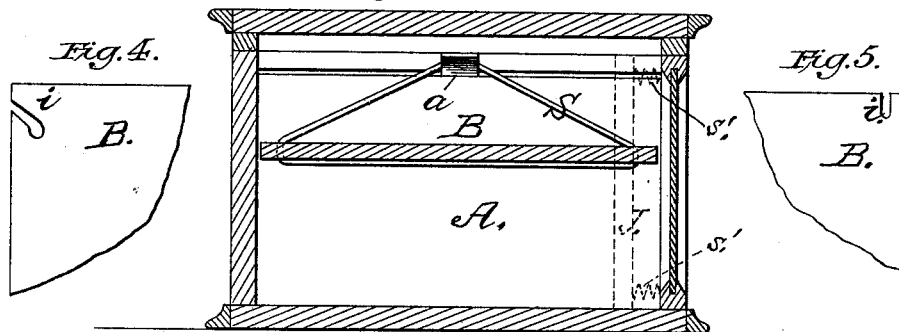
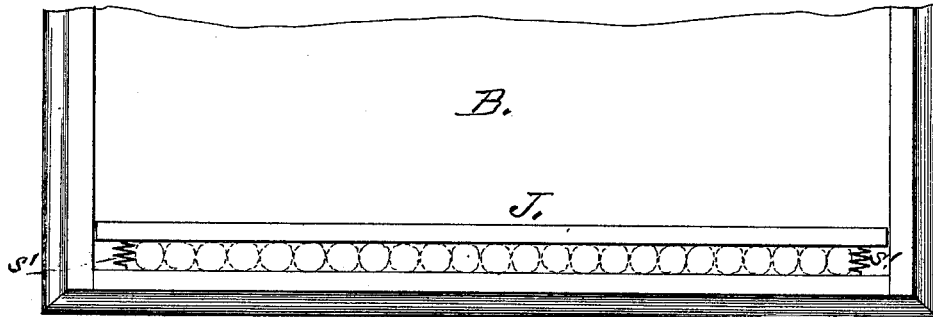


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

JEREMIAH CASEY, OF ALLENTOWN, PENNSYLVANIA.

IMPROVEMENT IN CIGAR-BOXES.

Specification forming part of Letters Patent No. **220,575**, dated October 14, 1879; applica'tion filed August 30, 1879.

To all whom it may concern:

Be it known that I, JEREMIAH CASEY, of Allentown, in the county of Lehigh and State of Pennsylvania, have invented a new and valuable Improvement in Cigar-Boxes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal vertical section of my cigar-box. Fig. 2 is a cross-sectional view thereof. Fig. 3 is a top view of the same, and Figs. 4 and 5 are detail views.

This invention has relation to improvements in cigar-boxes.

The object of the invention is to devise a cigar-box that will at all times appear full even though there may be only a single layer therein.

The nature of the invention consists in a cigar-box having a level false bottom fitting loosely in the inside thereof, the suspending-springs whereby said bottom is adapted to rise upward, and the end springs or holders serving to engage the cigars and hold the bottom down, as hereinafter shown and described.

In the annexed drawings, the letter A designates an ordinary box, having usually a hinged lid, and designed to contain any desired number of cigars, from fifty to five hundred. Within this box is a false bottom, B, fitting loosely in the box and supported by springs S. These are usually of rubber, though I may use other varieties, and when made of rubber are engaged in notches *i* of the false bottom, and passed over the projecting springs *a* secured to the ends of the said box, as shown in Fig. 2. The recoil of these springs will necessarily raise the false bottom as it is released of weight. The springs *a* are of curved form generally, their concavities being downward.

In filling the box, the false bottom is depressed until it rests upon the real bottom, and it is maintained in this position by suitable stops. I generally use a screw, *b*, extending through the true into the false bottom, or a pin or strip of metal, *b'*, extending through an orifice in the ends of the box and extending beyond the ends of said false bottom. Both devices are illustrated in Fig. 1.

The strength of the springs is regulated by the weight of the cigars they are designed to support. The bottom being held down by the springs aforesaid, and the cigars being packed in the usual way until the box is filled, the stops are removed and the weight of the superincumbent cigars holds the false bottom in its depressed position.

As the top layers are disposed of and removed the weight upon the springs is lessened, and their resilience or contraction necessarily causes the false bottom to rise and raise the remaining cigars, so that even when there is remaining but a single layer the box will appear full.

The end cigar of the top layer is received in the concavity of the springs S, so that until these end cigars are detached or removed from under said springs the false bottom will remain stationary. When the end cigars are removed, however, the bottom will rise, and the end cigars in the layer next below will become engaged under said springs, and the result will be, as above described, to hold the false bottom stationary.

Sometimes I make the front of the box open and cover the opening with glass or other transparent material. In this case the false bottom is made somewhat narrower than in the construction above described, and I introduce a follower, J, between the glass plate and contiguous edge of the false bottom. This follower is connected to the front of the box by spiral or other springs *s'*. The space between the follower and face or front of the box is occupied by a row or rows of vertically-arranged cigars, the front row being clearly visible through the glass plate.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, with a cigar-box, of the level false bottom B, the sustaining-springs S, and the end-holders *a*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JEREMIAH CASEY.

Witnesses:

PHILIP C. MASI,
F. J. MASI.