

Sept. 22, 1925.

1,554,635

O. W. KLANN

LID HOLDER FOR CIGAR BOXES

Filed Sept. 6, 1924

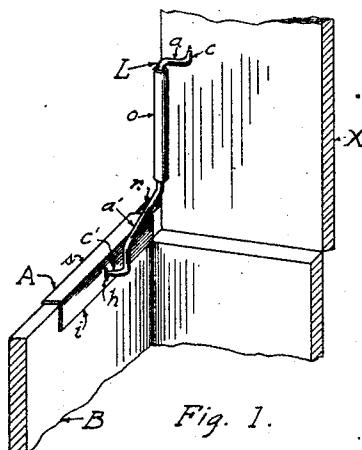


Fig. 1.

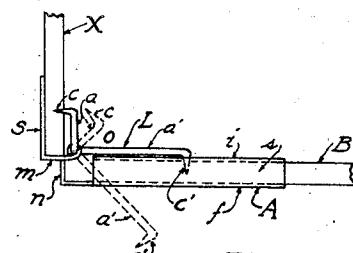


Fig. 3.

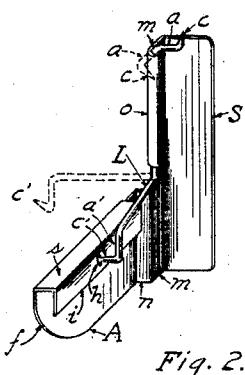


Fig. 2.

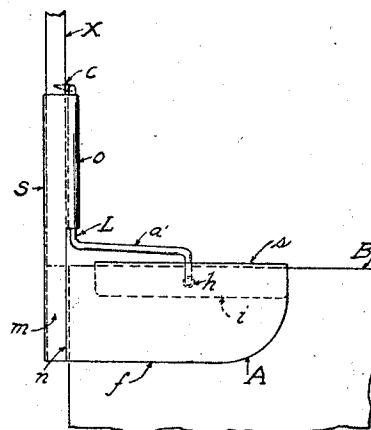


Fig. 4.

WITNESSES:

Charles J. Bareis

Sydia M. Bartach

INVENTOR:

Oscar W. Klann
BY

Carl H. Juergens
ATTORNEY.

Patented Sept. 22, 1925.

1,554,635

UNITED STATES PATENT OFFICE.

OSCAR W. KLANN, OF MILWAUKEE, WISCONSIN.

LID HOLDER FOR CIGAR BOXES.

Application filed September 6, 1924. Serial No. 736,324.

To all whom it may concern:

Be it known that I, OSCAR W. KLANN, a citizen of the United States, residing at the city of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Lid Holders for Cigar Boxes, of which the following is a specification.

My invention relates to improvements in such lidholders, whereby the lid of a cigarbox may be held open and fixedly in place relative to the sides thereof, either when the lid is opened from its hinge, on the rear edge of the rear side of the box, or when the lid is removed from such hinge and fastened against the outer surface of the rear side of the box, by means of several of the lidholders, one of which is attached to either of the lateral sides of the box, and to the part of the cover adjacent to the same. Thereby, is achieved a convenient means for handling the box and its contents, and for displaying the trademark and the price of the cigars, usually upon the inside of the lid. Lack of vertical space in a show-case wherein boxes of cigars are displayed, demands a device whereby the lid of a cigarbox may be removed from its hinge and thus fastened a desired distance below the upper, rear edge of the box. By removing a desired portion of the lower part of a lid, as much of the upper part of the lid as is desired may thus be displayed above the upper surface of the rear side of the box.

I attain these objects by the mechanism explained in the accompanying drawing, in which Figure 1 is a view in perspective of the lidholder as applied to one of the lateral sides and the lid of a cigarbox; Figure 2 is a view in perspective of the lidholder in the same position, illustrating all parts of the lidholder, without the interposition of any parts of the cigarbox; Figure 3 is a plan, or top view of this lidholder, applied to one of the lateral sides and the lid of a cigarbox, and Figure 4 is a lateral view of the same.

Similar letters refer to similar parts throughout these several views.

The clamp, A, of the lidholder is adapted to engage part of the outer, top and inside surfaces of one of the lateral ends, B, of a cigarbox nearest the lid, X, thereof; the flange, f, of said clamp, A, being on the outside, the horizontal shoulder, s, thereof on the top, and the flange, i, thereof on the in-

side surface of such side wall, B, of a cigarbox.

The vertical shoulder, S, of this lidholder is preferably integral with, or connected to said flange, f, of said clamp, A, by the flanges, m and n. This shoulder, S, is adapted to engage part of the outer surface of the lid, X. The flange, m, is adapted to engage the adjacent part of the lateral edge of said lid.

The curl, O, is preferably formed by curling over a lug from the body of said flange, m. In the curl, O, is rotatably held the axial member of the spring lever, L, provided at its upper end with the short arm, a, which has at its extremity a claw, c, which is adapted to engage the inner surface of said lid, X, and at its lower end with the longer arm, a', which likewise has at its extremity a claw, c', adapted to engage through the hole or opening, h, in the flange, i, of said clamp, A, the inner surface of the end, B, of the box.

My lidholder is attached to a cigarbox in the following manner. With the lever, L, rotated to the position shown by the dotted lines in Figures 2 and 3, the shoulder S, and the flange, m, of the device are placed in position upon the rear surface and adjacent lateral edge of the lid, X. The clamp, A, is then applied to the side, B, of the box with its flange, f, on the outside surface, its flange, i, on the inside surface and its horizontal shoulder, s, on the top surface thereof. The spring lever, L, is then revolved into the position where the claw, c, of the upper, short arm of said lever will firmly engage the inner surface of the lid, X. The claw, c', of the lower, spring arm, a', of this lever, L, is then pressed through the opening, h, in the flange, i, of said clamp, A, into the adjacent, inner surface of the side, B, of the box. One of the lidholders is sufficient to hold the lid, X, open and in fixed position relative to the box, so that the same may be used for conveniently handling the box and its contents when the lid is hinged to the box, as shown in Figures 1, 3 and 4 of the drawings.

As already stated above, when desired, to save vertical space in a show-case wherein the box and its contents are to be displayed, the lid may be removed from the edge of the box where hinged. The lid is then attached to the outer surface of the rear side of the

box by means of two of the lidholders, the one on the left side, constructed and attached to the lid and the lateral end of the box on that side, as illustrated in the drawing herewith, the other, similarly constructed, but of the opposite hand, is attached to the lid and the right hand, lateral end of the box, as will be apparent without further explanation. When the lid is so removed from its hinge on the box, any desired portion of the lower part of the lid may be cut off, or otherwise removed, and the remaining upper part of the lid, which displays the trademark and price of the contents of the box 15 may then be firmly clamped against the outer surface of the rear side of the box. This is done to reduce still further the vertical space occupied by the box with the lid so attached thereto.

20 I am aware that prior to my invention, lidholders have been made for engaging the lateral ends and the lid of cigarboxes. I, therefore, do not claim such a combination broadly; but,

25 I claim:

1. In lidholders for cigarboxes, a vertical member, having the shoulder, S, adapted to engage the outer surface of the open lid of a box, the flange, m, adapted to engage part 30 of the surface of the adjacent, lateral edge of the lid, the curled extension, O, of said flange, m, the flange, n, adapted to connect said flange, m, with the vertical flange, f, of the horizontal member, A, having said flange, f, the shoulder, s, and the flange, i, adapted to engage, respectively, part of the outer, top and inside surfaces of the adjacent end of the box, in combination with 35 the spring lever, L, the vertical part of

which is oscillatably mounted in axial relation within said curled extension, O, of said flange, m, said spring lever, L, having two claws, the upper one, c, adapted to engage the inner surface of the lid, the other, c', at the lower extremity of the spring lever arm, a', adapted to engage the inner surface of the adjacent side of the box, all substantially as hereinabove described and as illustrated in the drawing herewith.

2. The combination, in lidholders for cigarboxes, of a vertical member having the shoulder, S, adapted to engage part of the outer surface of the open lid of a box, the flange, m, adapted to engage part of the surface of the adjacent, lateral edge of the lid, the curled extension, O, of said flange, m, the flange, n, adapted to connect said flange, m, with the vertical flange, f, of the horizontal member, A, having said flange, f, adapted to engage the outer surface of the adjacent end of the box, the horizontal shoulder, s, adapted to engage the top surface of said end of the box, and the flange, i, which has the opening, h, therein, adapted to engage the inside surface of said end of the box, with the spring lever, L, the vertical part whereof is oscillatably mounted in axial relation within said vertical curled extension, O, of said flange, m, said spring lever, L, having two claws, the upper one, c, adapted to engage the inner surface of the lid; the other, c', at the lower extremity of the spring lever arm, a', adapted to engage the inner surface of the edge of the box through said opening, h, in said flange, i, all substantially as illustrated and described herein.

OSCAR W. KLANN.