

Sept. 4, 1928.

G. A. SELVIG

1,682,805

COVER HOLDER

Filed Oct. 13, 1924

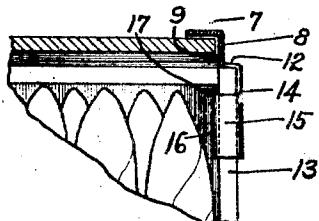


FIG. 4

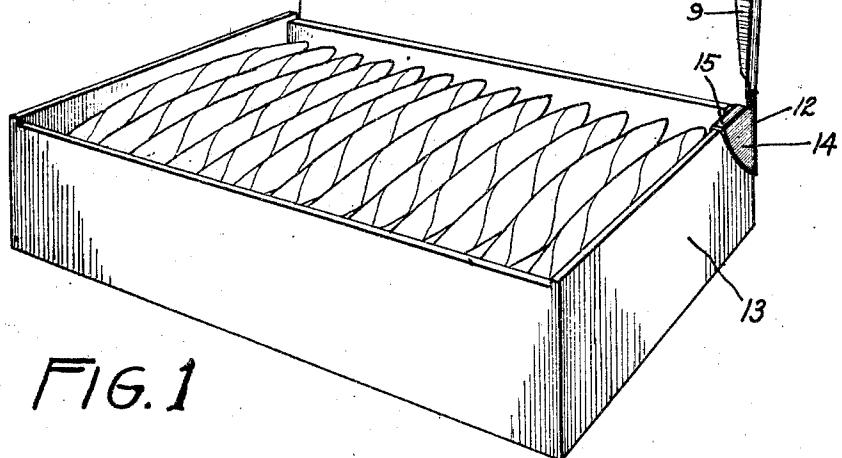


FIG. 1

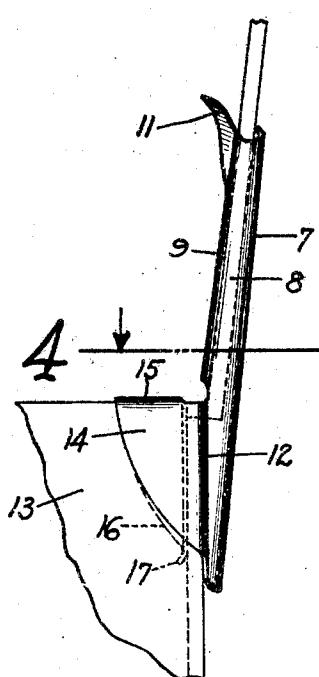


FIG. 2

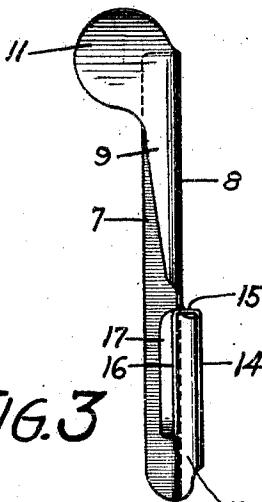


FIG. 3

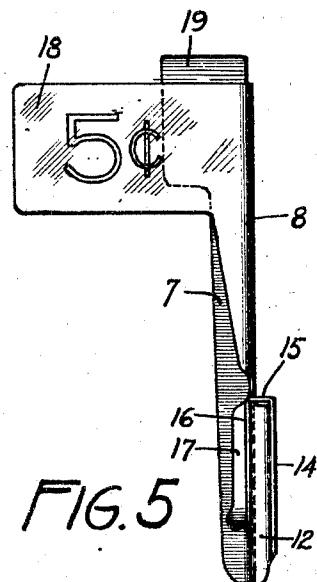


FIG. 5

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UNITED STATES PATENT OFFICE.

GUSTAF A. SELVIG, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR, BY MESNE ASSIGNMENTS, TO NORTHERN EQUIPMENT AND SUPPLY COMPANY, OF MINNEAPOLIS, MINNESOTA, A CORPORATION OF MINNESOTA.

COVER HOLDER.

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This invention relates to improvements in holders for the hinged covers of boxes. Holders of this type are commonly used, for example, to hold in open position the covers of cigar boxes in order to display the contents. A common form of such holder at present in use includes a clamping means adjusted to the end of the holder which is adapted to engage the edge portion of the box cover. Such common form of clamping means has a portion connected thereto which downwardly extends and terminates in a pointed end adapted, when the cover is backwardly tilted to be embedded in the rear face of the rear of the box. The box cover is thus held against an excessive opening movement. There is a disadvantage in such holders in that the cover may be freely forwardly moved and hence the cover is not rigidly held in a fixed selected position. This present device overcomes such disadvantage and assures the retentative holding of the box-cover in the desired position and the relative positions of the cover and box must so remain even when the box is withdrawn from the show-case or otherwise handled by the cover alone.

The object therefore of this invention is to provide an improved holder for box-covers.

Other objects of the invention will more fully appear from the following description and the accompanying drawings and will be pointed out in the annexed claim.

In the accompanying drawings there has been disclosed a structure designed to carry out the objects of the invention, but it is to be understood that the invention is not confined to the exact features shown as various changes may be made within the scope of the claims which follow.

In the drawings:

Figure 1 is a perspective view of an open cigar box with the device in position;

Figure 2 is a view in side elevation of the device with a fragmentary showing of the box and cover;

Figure 3 is a view in front elevation of the device;

Figure 4 is a cross-sectional view on the line 4—4 of Figure 2; and

Figure 5 is a view of a modified form of the upper clamping means.

This novel holder broadly includes a clamping means adapted to engage the edge

portion of a box-cover, and a second clamping means adjacent its lower end to engage and clamp the holder to portions of the box itself.

In the selected embodiment of the invention here shown, for purposes of disclosure, the holder is illustrated as having an upper portion which is substantially of a channeled form. This holder may conveniently be formed of sheet-metal and the strip 7 preferably extends the length of the holder and, at its upper portion, forms the rear wall of the channel, while the section 8 of the holder forms the base of the channel and the integral holder-section 9 forms the front wall thereof. The front section 9 is preferably enlarged and curved to provide a thumb grip 11, and as shown in Figure 1, this holder is adapted to be positioned so that the edge portion of the cover is gripped or clamped between the front and rear strips of the holder. The front section 9 is preferably reduced in width in a downward direction and terminates above the lower clamping means of the holder.

The lower clamping means, which may be integrally provided, is laterally offset from the upper portion of the holder. This offset is conveniently effected by outwardly bending the lower portion of the base section 8 to provide an angled web 12 which may be operatively positioned against the rear face of the vertical edge of the side 13 of the box. The outer end of this web 12 has an integral forwardly and upwardly extending plate section 14. The upper end of this plate section 14 is inwardly turned and extends a distance very slightly less than the usual thickness of the side of the box with which it is to be used. This transverse portion 15 is then downwardly turned to form an inner plate section 16 adapted to engage the opposite, or inner, face of the side 13 of the box. While such structure will assure the retentative holding of the cover in the desired position, it is preferred to provide means on this inner plate section 16 to abut against the inside face of the rear of the box. Such an abutment is provided by the integral flange 17.

When the holder is placed in its operative position, as shown in Figures 1, 2 and 4, the upper clamping means securely embraces the edge of the cover while the off set web 12 abuts against the rear edge of the side 13. The plate sections 14 and 16 cooperate secure-

ly to clamp the upper edge portions of the side 13 while the flange 17 downwardly abuts against the inside face of the rear wall of the box and aids in preventing the swinging of the box cover from the desired position.

In the modified form shown in Figure 5, the thumb grip 11 is changed and in place thereof the upper portion of the front section 9 is shaped to provide an elongated plate 18 suitable for bearing notations such as price marks. In this modified form the strip 7 at its upper end portion is also preferably widened to provide the enlarged portion 19 extending substantially in parallel spaced relation to the plate 18 in order to clamp the edge portion of the cover.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is:

A holder for a hinged box-cover, comprising an upright member bent laterally to form an upright flange along one edge and having the upper portion of said flange bent to lie parallel with the first mentioned upright member to form a channel portion, the lower portion of the flange having an offset portion and an integral extension having a portion bent downwardly parallel with the extension and connected thereto by a bridge portion.

In witness whereof I have hereunto set my hand this 9th day of October, 1924.

GUSTAF A. SELVIG.