D. H. REDDIE.

BOX OR CARTON.

APPLICATION FILED JAN. 22, 1920.

1,363,616. Patented Dec. 28, 1920.

Fig. 1.

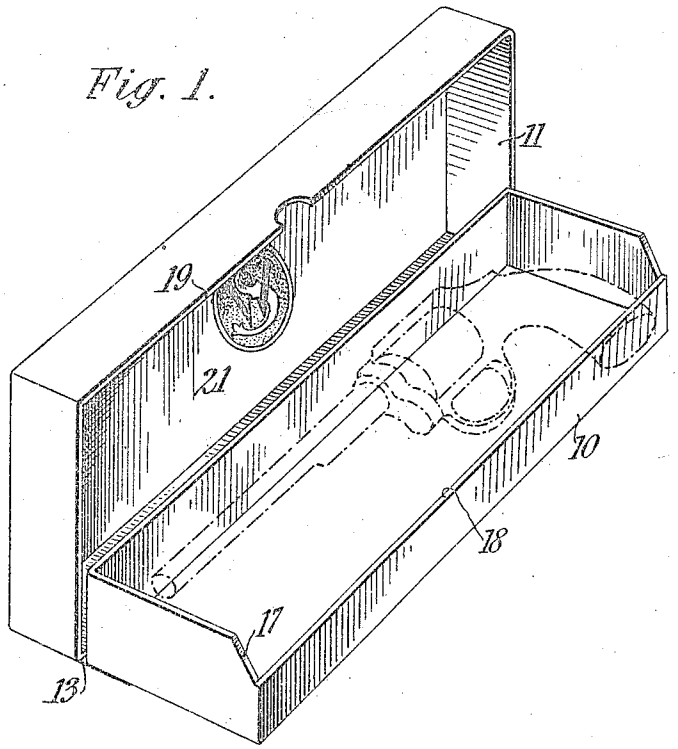


Fig. 2.

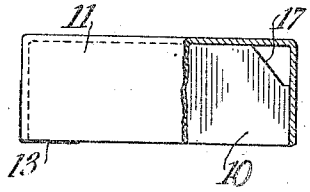


Fig. 3.

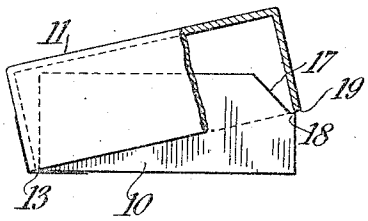
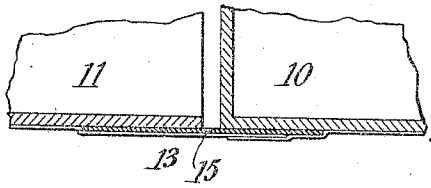


Fig. 4



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UNITED STATES PATENT OFFICE.

DAVID H. REDDIE, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR TO SMITH & WESSON, OF SPRINGFIELD, MASSACHUSETTS, A VOLUNTARY ASSOCIATION UNDER DECLARATION OF TRUST.

BOX OR CARTON.

1,363,616. Specification of Letters Patent. Patented Dec. 28, 1920.

Application filed January 22, 1920. Serial No. 353,273.

To all whom it may concern:

Be it known that I, DAVID H. REDDIE, a citizen of the United States of America, residing in Springfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Boxes or Cartons, of which the following is a specification.

This invention relates to boxes or cartons and aims to provide improvements therein.

The present invention provides a box having a hinged cover, the hinge being between the lower edge of the cover and the bottom edge of the box, and the fit between the cover and box being such that the cover acts to reinforce the sides of the box in a manner that the cover aids in preventing the sides of the box being broken by a heavy contained article, the present box or carton being designed especially for containing revolvers.

When in open position the cover may stand upon its side, thus showing the inside of the cover, upon which may be printed display or advertising matter.

An embodiment of the invention is illustrated in the accompanying drawings. In said drawings,

Figure 1 is a perspective view of the box, with the cover open and standing upon its hinged side.

Fig. 2 is an end view of the box with the cover completely closed, parts being broken away to show more clearly certain features of the construction.

Fig. 3 is an end view, similar to Fig. 2, with the cover partially opened.

Fig. 4 is a detail view illustrating the form of hinge joint.

Referring to said drawings, numeral 10 indicates the box, and numeral 11 the cover. The box is of medium depth, so as to be able to contain articles of appreciable thickness or bulk. The box 10 and cover 11 are connected by a hinge joint 13, the hinge being conveniently strips of fabric or other flexible material 15, connecting the lower edge of one of the sides of the cover, and a lower edge of the box.

Preferably the sides of the cover are of approximately the same height as the sides of the box, so that when the cover is closed on the box, the sides of the cover fit down well upon the sides of the box. Moreover the inside dimensions of the cover are made so as to closely fit the sides of the box when the box and cover are closed together. Preferably the fit is the same or approximately the same as that between a box and a telescoping cover.

With boxes of medium depth, such as the present, and with the cover hinged at one of its lower side edges to the bottom edge of the box, it would not be possible to swing the cover to a closed position unless the inside dimensions of the cover were made considerably larger than the outside dimensions of the box, the consequence of which would be that the cover could not have any real effect in reinforcing the sides of the box against breaking due to the shock or weight of heavy articles contained within the box.

In order that the cover 11 may close upon the box, the front side of the box is cut away slightly along its upper edge, as indicated at 17. The edge 18 of this shortened side of the box is of such a height that the edge 19 of the cover will just pass said edge 18, preferably under a slight resistance, as the cover is swung to a closed position, and the said edge 18 is low enough, that the edge 19 of the cover, after passing the edge 18, will be so close to the sides of the box, that the sides of the cover will act to reinforce the sides of the box.

A box having its cover hinged to the lower edge of the box is very convenient for display or advertising purposes, inasmuch as the cover, in open position, may stand upon its hinged side, so that the inside of the cover stands upright, facing the box, whereby the article in the box, and the inside of the cover may be seen at the same time. Advertising, display or explanatory matter 21, relating to the contents of the box, or matter of an ornamental nature, may be printed upon the inside of the cover.

Variations may be made in the embodiment of the invention herein specifically illustrated and described, without departing from the idea of invention.

What is claimed is:—

A box or carton comprising a box of medium depth, and a cover of approximately equal depth adapted to fit the sides of said box, a hinge joint between a bottom edge of said cover and a bottom edge of said box,

the inside dimensions of said cover being such as to fit the box with a closeness approximately that between a box and a telescoping cover whereby said cover acts to reinforce the sides of said box and aids in preventing the breaking of said box by a heavy contained article, said box having its side opposite to said hinge joint cut away at its upper edge to facilitate and permit the swinging together of said cover and said box.

In witness whereof, I have hereunto signed my name.

DAVID H. REDDIE.