(No Model.)

E. A. HOEN.

CIGARETTE BOX.

No. 414,538. Patented Nov. 5, 1889.

FIG. I.

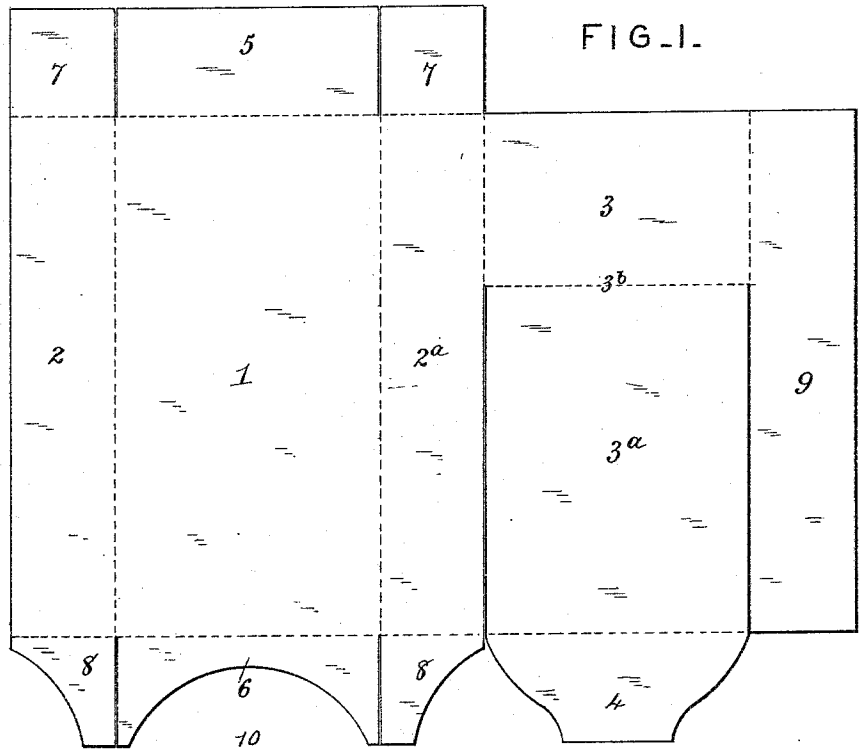


FIG. II.

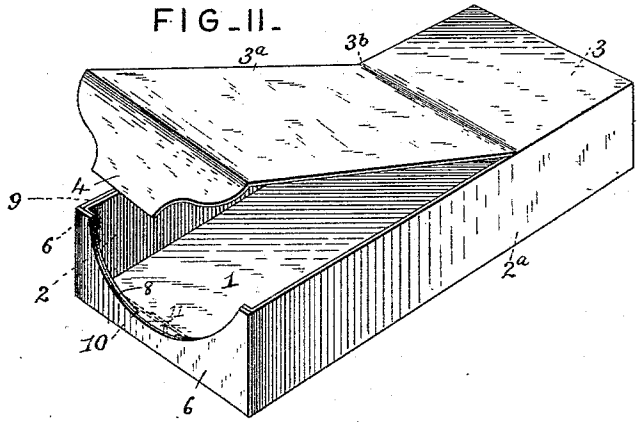
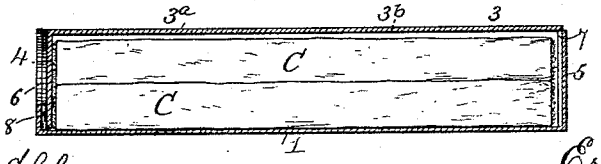


FIG. III.



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UNITED STATES PATENT OFFICE.

ERNEST A. HOEN, OF RICHMOND, VIRGINIA.

CIGARETTE-BOX.

SPECIFICATION forming part of Letters Patent No. 414,538, dated November 5, 1889.

Application filed September 5, 1889. Serial No. 323,018. (No model.)

To all whom it may concern:

Be it known that I, ERNEST A. HOEN, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Improvement in Cigarette-Boxes, of which the following is a specification.

This improvement relates to a class of pasteboard boxes which exist under various forms made from a single piece of material properly shaped and folded.

The object of the improvement is to produce a box suitable for cigarettes, and dispensing with the use of the tray sliding within a separate case, which, notwithstanding the increased cost of manufacture both in labor and material, is still employed in the best cigarette-boxes in the market.

My improved box is made of a single thickness of material, with the bottom, sides, ends, and the rear third, or thereabout, of the top permanently united, while the forward part of the top, being hinged to the permanent rear part, forms a lifting lid, and is provided with a flap or tab adapted to slip within the front end of the box and between this and the ends of the cigarettes therein contained, sufficient friction being thereby provided to keep the lid closed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure I is a plan view of the blank from which the box is formed, showing in dotted lines the creases on which it is to be folded. Fig. II is a perspective view of the box open. Fig. III is a vertical central longitudinal section of the box.

Referring to Fig. I, 1 represents the portion of the blank forming the bottom of the box; 2 2^a, the portions forming the sides; 3 and 3^a, respectively, the fixed and moving portions of the top, the latter constituting the lid; 4, the tab or flap connected to the lid; 5, the rear end of the box; 6, the front end; 7 7 and 8 8, end flaps, the latter being curved to correspond with the contour of the front 6; and 9 a side piece connected with the top 3 and pasted within or on the outside of the side 2 in forming the box. This done the rear end flaps 7 are turned in, the rear end piece 5 turned up and connected to the end flaps 7, the front end flaps 8 8 turned in, and the front 6 turned up and pasted to the inturned flaps 8. This completes the box. The top is creased on the line 3^b, between the fixed portion 3 and the free portion 3^a, to facilitate the movement of the latter, which thus forms a lifting lid carrying a tab or flap 4, which slips within the front end of the box and is held by friction between this and the ends of the cigarettes C contained therein.

The front end of the box, formed of the upturned portion 6 and the inturned flaps 8, is scalloped, as shown at 10 in Fig. II, to a sufficient depth to expose a portion of the front ends of the cigarettes when the lid is raised to permit of their inspection, and also to facilitate their removal for use, while a sufficient width of the front is left entire to afford friction between this and the ends of the cigarettes to keep the lid closed.

As a modification, I may form the front ends of the flaps 8 of sufficient length to overlap, as indicated by dotted lines in Fig. II, and leave between them and the front 6 a slit or pocket 11, to receive the extremity of the flap or tab 4, to more securely hold the lid closed.

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

1. A blank for cigarette-boxes, constructed substantially as herein described and shown, consisting of the bottom portion 1, having back portion 5 and scalloped front portion 6, the side portions 2 2^a, having rear end flaps 7 7, separated from the back portion, and front end flaps 8 8, separated from the front portion, the additional side portion 9, and the top portion 3, having a lid 3^a, and formed with a flap 4.

2. A cigarette-box constructed, as herein described, with the bottom, sides, front, back, and the rear portion of the top permanently united, the front portion of the top hinged to the back portion of the top, forming a lifting lid, and having at its forward end a tab,

which slips between the fixed front of the box and the ends of the cigarettes contained therein.

3. The combination of the permanently-united bottom 1, sides 2 2^a, back 5, top 3, and scalloped front 6, and the lid 3^a, hinged at its back to the fixed top 3 and having at its front a tab or flap 4, slipping within the scalloped front, all as herein described.

ERNEST A. HOEN.

Witnesses:
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JOHN PFAFF.