

No. 647,450.

Patented Apr. 10, 1900.

M. M. MARCUSE.
BOX FOR CIGARETTES, &c.

(Application filed Sept. 1, 1899.)

(No Model.)

Fig. 1.

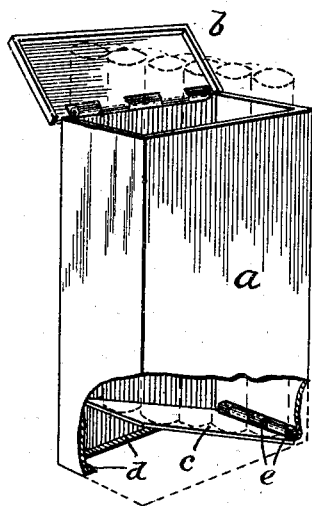


Fig. 2.

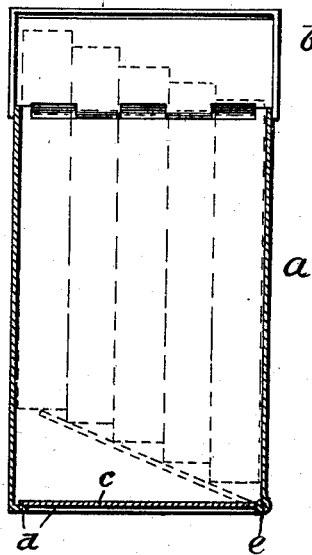
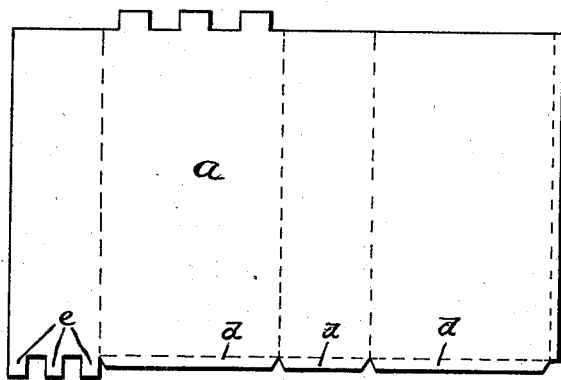


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

MOSES M. MARCUSE, OF RICHMOND, VIRGINIA, ASSIGNOR TO THE HASKER & MARCUSE MANUFACTURING COMPANY, OF SAME PLACE.

BOX FOR CIGARETTES, &c.

SPECIFICATION forming part of Letters Patent No. 647,450, dated April 10, 1900.

Application filed September 1, 1899. Serial No. 729,170. (No model.)

To all whom it may concern:

Be it known that I, MOSES M. MARCUSE, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Boxes for Cigarettes, &c., of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved box, partly broken away at its lower end; Fig. 2, a vertical section of the box, showing the manner of forcing out the contents; and Fig. 3, a plan view of the box-blank.

This invention relates to that class of metallic boxes in which the cigarettes or other articles rest endwise upon a bottom which is movable within the casing, so that when the movable bottom is forced upward by pressure of the finger the upper ends of the cigarettes will be pushed up above the upper end of the box in an ascending series, so that they may be conveniently removed one by one without injury, as more fully hereinafter set forth.

Referring to the drawings by letters, *a* designates the main casing, which in the present instance is a rigid sheet-metal box oblong in cross-section and of a size to receive five transverse rows of cigarettes, with two cigarettes in each row; but it is obvious that it may be varied in size and shape. The upper end of the casing is closed by a hinged cover *b* and its lower end by a movable bottom *c*, which rests upon a flange *d*, formed on the lower end of the casing *a* and extending entirely around the bottom. This flange thus supports the bottom *c*, but at the same time exposes nearly its entire lower surface, so that said bottom can be manipulated from below by the fingers. The bottom *c* consists simply of a flat plate made to nicely fit the interior of the case all around. It will be observed that the bottom is hinged at the extreme lower end of one of the end walls, so that it may be swung upward at its free end and when down will rest squarely on the inward-turned flange, entirely closing the bottom of the box.

It will be observed that by my invention a light strong sheet-metal box may be made that may be conveniently carried in a small pocket and which will preserve the cigarettes from injury. Ready access is had to the cigarettes by simply pressing upward upon the bottom plate through the opening in the bottom of the case, as shown, the hinge-cover being thrown open by hand or automatically by the pressure of the upper ends of the cigarettes. By thus tilting up the bottom it will be observed that the cigarettes are forced up in an ascending series, whereby they may be removed singly or in twos without injury, while by thus permanently hinging the bottom it will always remain in proper position to be tilted, whether the box be full or partly empty.

An essential feature lies in hinging the bottom of the box to the lower extremity of one of the walls, so that in cutting the box-blank the ears *e* for the hinge may be readily made and afterward bent inward and upward into the box, thereby greatly simplifying the construction and at the same time permitting the entire lower end of the box to be left open, with the exception of the narrow supporting-flanges formed on the remaining lower edges of the box. Since these boxes are nowadays put on the market in very large quantities, being packed and sold as original packages and without extra cost to the consumer, it will be obvious that it is absolutely essential that the cost of manufacture be reduced to a minimum. Thus forming the hinge on one of the walls and the supporting-flanges on the other walls not only makes the box-blank easy to cut out and shape, but also enables the parts of the box to be easily assembled, since the entire bottom of the box is open for the manipulation of the hinged plate while the pintle of the hinge is being inserted.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A box for cigarettes, &c., comprising an open-ended body having a cover on its upper end and hinge-ears formed on the lower edge of one of its walls and bent upward and in-

ward into the box, the remaining lower edges
of the box being provided with an inward-
turned flange, and a bottom plate hinged to
said hinge-ears and fitting within the walls
5 of the box and adapted to swing freely therein
and to normally rest upon the inward-turned
flange.

In testimony whereof I hereunto affix my
signature, in the presence of two witnesses,
this 28th day of August, 1899.

MOSES M. MARCUSE.

Witnesses:

MILTON E. MARCUSE;
SIMON M. BLOCK.