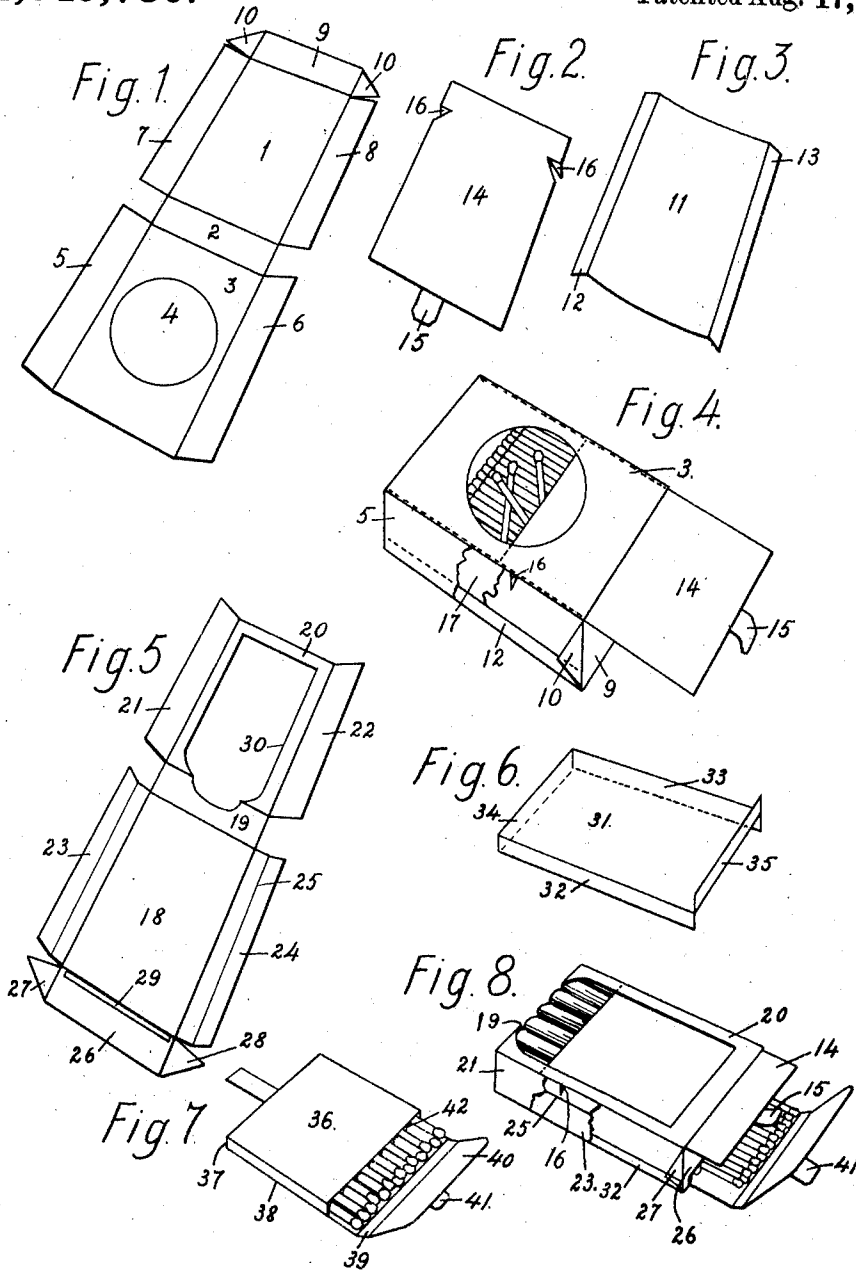


M. M. MARTOS.
 CARDBOARD BOX.
 APPLICATION FILED MAY 13, 1919.

1,349,780.

Patented Aug. 17, 1920.



Inventor
 Miguel Montané Martos

Guil. Ramon & Co.

384

Attorney

UNITED STATES PATENT OFFICE.

MIGUEL MONTANÉ MARTOS, OF MEXICO, MEXICO.

CARDBOARD BOX.

1,349,780.

Specification of Letters Patent. Patented Aug. 17, 1920.

Application filed May 13, 1919. Serial No. 296,841.

To all whom it may concern:

Be it known that I, MIGUEL MONTANÉ MARTOS, subject of H. M. the King of Spain, residing at Mexico city, Federal District, Mexico, have invented certain new and useful Improvements in Cardboard Boxes, of which the following is a specification.

This invention relates to improvements in boxes made from cardboard or other suitable material, and its object is to provide a blank which, when properly disposed and folded, will constitute a box of simple structure with a sliding lid that can only be removed by the application of force once it has been inserted in position; and to provide a box with one end cut away so as to permit of the easy extraction of the uppermost article contained therein; and, further, to provide a box with a separate compartment to contain matches, distinctly separated from the main compartment, which may be used to carry cigarettes or tobacco.

An embodiment of the invention is illustrated in the accompanying drawings, in which:

Figure 1 is a view of the blank designed for the construction of a match-box.

Fig. 2 is a view of the flat sliding lid showing the projecting stops, which are used in all of the various forms of the box.

Fig. 3 is a view of a blank used for the false bottom.

Fig. 4 is a perspective view of a match-box, with part of the side removed to show the double bottom.

Fig. 5 is a view of a blank designed for the construction of a combined cigarette and match box.

Fig. 6 is a perspective view of the false bottom for the combined cigarette and match box.

Fig. 7 is a view of the sliding match container, and

Fig. 8 is a perspective view of the combined cigarette and match box, with part of one side removed to show the double bottom.

The blank used for the construction of the matchbox is composed of the bottom (1), an end (2), which may be provided with emery or the like for striking matches, and a cover (3), which in this instance is provided with a circular aperture (4). Lateral strips or flaps (5) and (6) project from the cover (3) and lateral flaps (7) and (8)

from the bottom (1), which also carries the other end piece (9) with its tabs (10). This blank, when folded as seen in Fig. 4, constitutes a box into which are inserted the false bottom (11) with its lateral flaps (12) and (13), and the sliding lid (14), to whose under side is stuck a thumb-tab (15) for operating the lid. At the rear end of lid (14) there is made in each of its edges an oblique slit, forming a tongue (16) which is adapted to be bent downward. When the lid is inserted in the box, these tongues offer no resistance, but when the lid is pulled out the tongues strike against end piece (9) and act as stops. In the interior of the box along each of its sides, there are stuck along their lower edges two strips or guides (17) in such manner that their free upper edges incline slightly inward, so as to support the sliding lid and prevent it from falling into the box.

Referring now to the combined cigarette and match-box—Figs. 5, 6, 7, and 8—(18) is the bottom of the box and (19) the rear end-piece uniting the bottom with the cover (20), from whose edges project lateral flaps (21) and (22), while from the edges of the bottom (18) project lateral flaps (23) and (24). Along the median line of each of these lateral flaps is a break or fold (25), which causes them to incline slightly inward from the sides of the box. From the bottom piece (18) there also projects the front end-piece, (26), with its tabs (27) and (28) and with an elongated aperture (29) cut in it to admit the match-container. In this instance, the cover (20) is provided with an aperture (30), which extends into the end-strip (19) in such a manner as to permit of the easy extraction of the uppermost article contained in the box, in the illustration a cigarette, when the blank is folded so as to form a box. In Fig. 6 is shown the false bottom (31) with lateral flaps (32) and (33), and rear end-piece (34) folded downward, but with front end-flap 35 bent upward so that it may be affixed to the front end-piece of the box (26). The match-container consists of a long sheet of cardboard cut and folded as shown in Fig. 7. It consists of a cover (36) rear end-piece (37), bottom (38), front end-piece (39) and lid (40). A thumb-tab (41) is affixed to the under side of bottom (38) and the matches are contained in a strip of corrugated paper

or cardboard (42), providing a separate and individual compartment for each match. Means for striking matches can, of course, be provided anywhere on this combined cigarette and match-box. Thumb-tab (41) should be so disposed on the under side of bottom (18) as to allow the necessary play.

These boxes, of course, may be designed to carry any article and they may be made of any other suitable material besides cardboard, and the adaption of the improved blanks to the construction of boxes designed to contain other articles than those described is to be regarded as within the scope of the invention as herein claimed.

I claim as my invention:—

1. A box formed of sheet material and comprising connected top, bottom, side and end pieces, the top piece having an aperture for the removal therethrough of the contents of the box; and a sliding lid, structurally separate from the box, inserted within the box immediately against the inner face of said top piece to close the aperture but adapted to be withdrawn through one end of the box to uncover said aperture, said lid having its opposite side edges provided with downwardly bent tongues adapted to strike against the end piece of the box at said end and thereby limit the outward movement of the lid.

2. A box formed of sheet material and comprising connected top, bottom, side and end pieces; and a false bottom within the box, structurally separate therefrom and having side supports adapted to rest upon the bottom piece so as to elevate it above said bottom piece and thereby provide a separate compartment to contain articles of a different character from those contained in the body of the box, the false bottom being provided at one end with a flap adapted to be folded downward against one end piece of the box and at its other end with a flap adapted to be folded upward against the other end piece of the box.

3. A box formed of sheet material and comprising connected top, bottom, side and end pieces, the top piece having an aperture for the removal therethrough of the contents of the box; a sliding lid, structurally separate from the box, inserted within the box immediately against the inner face of said top piece to close the aperture but adapted to be withdrawn through one end of the box to uncover said aperture; and inwardly-inclined guides located within the box immediately against the opposite side pieces thereof to support the opposite longitudinal

edges of the lid during its sliding movements.

4. A box formed of sheet material and comprising connected top, bottom, side and end pieces, the top piece having an aperture for the removal therethrough of the contents of the box; a sliding lid, structurally separate from the box, inserted within the box immediately against the inner face of said top piece to close the aperture but adapted to be withdrawn through one end of the box to uncover said aperture; and upturned side flaps within the box disposed adjacent the side pieces thereof and formed integral with the bottom piece, said side flaps being folded longitudinally and having portions thereof inclined inwardly so as to support the under face of the lid during its sliding movements.

5. A box formed of sheet material and comprising connected top, bottom, side and end pieces, the end pieces being permanently closed and the top piece being provided with an aperture for the removal of the contents of the box; a sliding lid to cover and uncover the aperture; and a false bottom within the box upon which the said contents rest, the false bottom having supporting means which rest upon the bottom piece to elevate it thereabove and thereby provide a separate compartment to receive articles of a different character from those contained in the body of the box, one of the end pieces of the box having a delivery opening formed in it to provide communication with said compartment.

6. A box formed of sheet material and comprising connected top, bottom, side and end pieces, the end pieces being permanently closed and the top piece being provided with an aperture for the removal of the contents of the box; a sliding lid to cover and uncover the aperture; and a false bottom within the box upon which the said contents rest, the false bottom having supporting flaps at its side edges which rest upon the bottom piece to elevate it thereabove and thereby provide a separate compartment to receive articles of a different character from those contained in the body of the box and also having an upturned flap at one end adapted to be secured to the adjacent end piece of the box, said end piece having a delivery opening formed in it to provide communication with said compartment.

In testimony whereof I have affixed my signature.

MIGUEL MONTANÉ MARTOS.