W. H. HART, Jr.

SAVINGS BANK OR MONEY BOX.

APPLICATION FILED APR. 14, 1915.

1,160,601. Patented Nov. 16, 1915.

Fig. 1.

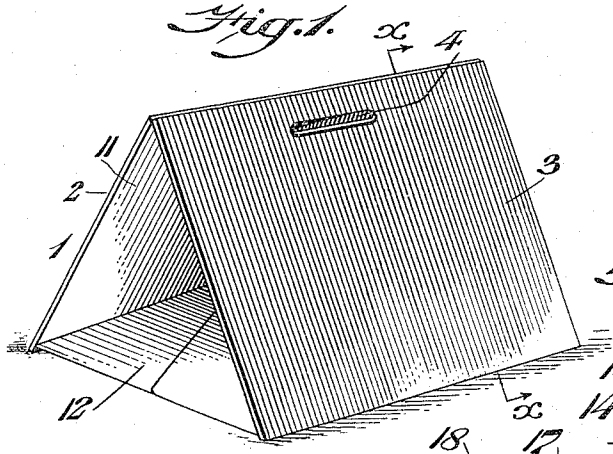


Fig. 3.

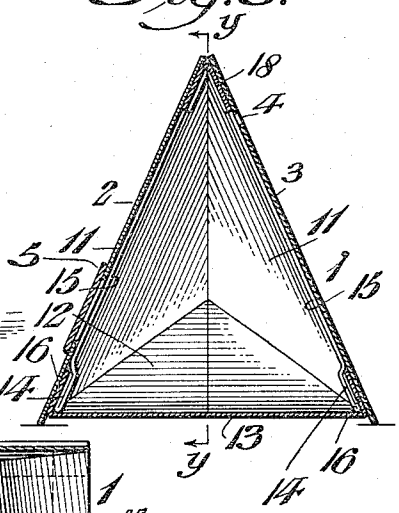


Fig. 4.

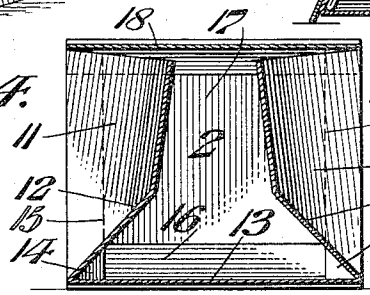
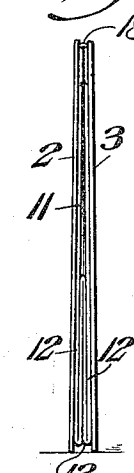


Fig. 2.



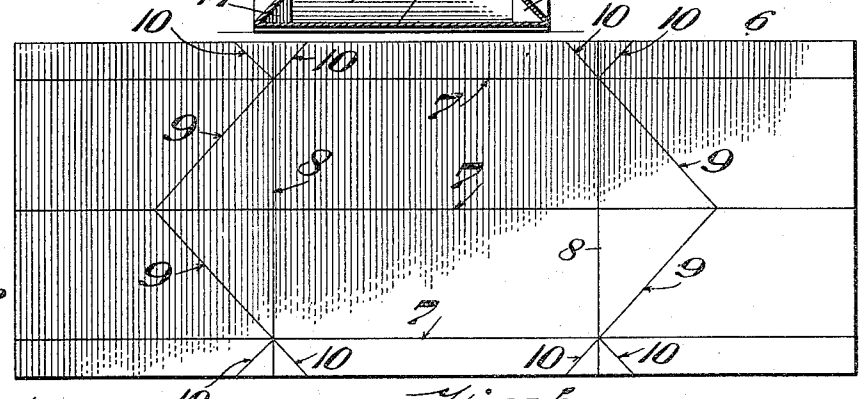
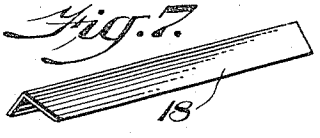


Fig. 5.

Fig. 7.



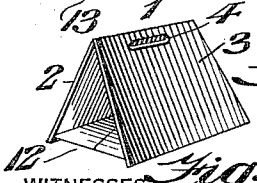


Fig. 6.

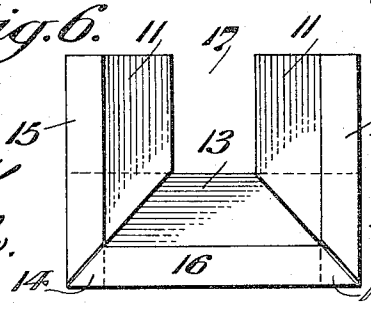


Fig. 8.

WITNESSES

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SAVINGS-BANK OR MONEY-BOX.

1,160,601. Specification of Letters Patent. Patented Nov. 16, 1915.

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To all whom it may concern:

Be it known that I, WILLIAM H. HART, Jr., a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Savings-Bank or Money-Box, of which the following is a specification.

My invention consists of a money box or savings bank which is composed of a body, and side walls attached thereto, said body being adapted to be expanded in pyramidal form with a flat quadrilateral-shaped base, and a triangular-shaped end, and to be sustained in open-out condition forming a comparatively large area to receive the money, the box being prevented from improper folding and collapsion, but which in its knocked down condition comprises a compact and comparatively thin device which in its entirety is simple and inexpensive construction.

The invention is satisfactorily illustrated in the accompanying drawing, but the important instrumentalities thereof may be varied, as long as they are included in the scope of the claims.

Figures 1 and 8 represent perspective view of money boxes embodying my invention, the same being in operative condition. Fig. 2 represents an end elevation thereof in folded or knocked down condition. Fig. 3 represents a vertical section on line *x*—*x* Fig. 1. Fig. 4 represents a vertical section on line *y*—*y* Fig. 3. Fig. 5 represents a plan view of the sheet or piece of material of which the body of the box is formed, the same being in opened-out condition. Fig. 6 represents a side elevation of the body of the box in normal condition. Fig. 7 represents a perspective view of the member that closes the top of the body of the box.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings:—1 designates the interior body of a money box or savings bank or as sometimes known as a mite box, and 2 and 3 designate the exterior walls thereof, said body being collapsible whereby the box may be placed in flat condition, as in Fig. 2, serviceable for packing, storing, transportation, etc., or opened out condition, as in Figs. 1 and 3 to receive money, one of the walls having an inlet opening 4 therein for the introduction of the money into the box, and one of the members having an opening primarily covered by a seal 5 or otherwise, which latter is to be fractured or stripped off to effect the removal of the money when so desired.

The body 1 is formed of a blank composed of the piece 6 of paper of quadrilateral form. On the same within the side and end edges thereof are the parallel crease lines 7 in the longitudinal direction thereof, parallel crease lines 8 in the transverse direction thereof and crossing said crease lines 7, crease lines 9 radiating from the central crease lines 7 at the center of the sheet to the crease lines 7 at the sides of the sheet, crease lines 10 radiating from the places of meeting of the lines 9 with the side crease lines 7 to the side edges of the sheet.

The sheet is folded on the several crease lines, thus converting the sheet into the body 1 of comparatively pyramidal form comprising the inturned and inwardly foldable side folds 11, the inturned and upwardly foldable side folds 12 below the same, said folds 11 and 12 when in operative position forming triangular-shaped end members on the bottom 13 which is quadrilateral in shape, the folded mitered fillets 14 at the lower corners of the body, the same closing said body at said corners so as to prevent the escape of the money therethrough, and the side flaps 15, and the bottom flaps 16 which latter rise above the bottom 13, and the several flaps 15 and 16 being secured to the inner faces of the exterior walls 2 and 3 of the box by gumming or otherwise and said walls are formed preferably of cardboard or other stiff and light material, thus closing the openings 17 between the side flaps 15 and preserving the shape of the body so that the interior of the body 1 is free to receive and contain the money therein without liability to escape from the bottom and sides of the body, but primarily the tops of the side members of the body are uncovered and exposed, and the tops of the side walls are slightly separated whereby the money might be abstracted or fall through the top of the body when the box is overturned. The spaces between said tops are closed by the foldable angular strip or binder 18 which is fitted over opposite sides of said tops so as to embrace the side portions thereof and then secured by gumming or otherwise to the latter and adjacent portions of the side walls 2 and 3, thus preventing any open joint at the top of the body, it being noticed that the body is formed in a measure of bellows-like folds which admit of said body to be opened-out to provide inclosed spaces to receive the

money therein, as in Figs. 1, 3, and 4, and to be folded flat as in Fig. 2 for knock down purposes, it being noticed also that as the walls 2 and 3 are connected with said body as has been stated, the latter forms a hinge like connection for said walls with said body, so that the walls may be separated or spread out with said body to place the box in operative condition, or folded with said body in the knocked-down condition of the box.

It will be seen also that when the box is opened, the bottom 13 spreads out flat so as to be serviceable immediately for the money to drop thereupon and when the box is collapsed in folding, said bottom folds upward with the side folds 12 within the side folds 11, the latter being closed together, and all contained within the walls 2 and 3 above the lower ends of the latter, all as shown in Fig. 2, and when the box is opened out in operative condition, it is well supported on a table or elsewhere by means of the side walls 2 and 3, whose lower ends act as legs for the box, and as said walls converge from the top they remain spread out, retaining the body in the same condition, providing a large area therein to receive the money, and the pyramidal form of the box is preserved without liability to collapse or fold accidentally when in use, thus being assisted by the weight of the monev imposed on the bottom 13, the tendency of which to fold upwardly being thereby overcome.

In Fig. 8 the side or walls 2 and 3 are of trapezoidal form, while in the other figures they are rectangular, without, however, producing different results in either case.

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

1. In a money box, a body formed of an upwardly folding bottom, inwardly folding end members thereon, vertically-extending flaps on said end members, horizontally extending flaps on said bottom, and folded fillets joining said bottom, and said vertically and horizontally extending flaps forming closed miters at the lower corners of the body and exterior foldable side walls with which said body is connected.

2. In a box of the character stated, a body formed of a quadrilateral piece of material having therein parallel creases, side longitudinally-extending crease lines, the latter crossing the former, and angularly extending crease lines radiating from the central line of the longitudinally-extending crease lines, and joining the side lines of the latter and exterior foldable side walls with which said body is connected.

3. In a box of the character stated, a body formed of a quadrilateral piece of material having therein parallel creases, side longitudinally-extending crease lines, the latter crossing the former, angularly extending crease lines radiating from the central line of the longitudinally-extending crease lines, and joining the side lines of the latter, and crease lines radiating from the places of junction of the longitudinally and transversely extending crease lines, and said angularly extending crease lines to the edges of said piece and exterior foldable side walls with which said body is connected.

4. In a money box, a body composed of an upwardly foldable bottom, inwardly foldable end members rising from said bottom, vertically-extending flaps on the sides of said end members, and horizontally-extending flaps on said bottom, and exterior foldable walls with which said vertically and horizontally-extending flaps are connected, said bottom, end members and vertically- and horizontally-extending walls being entirely within the side and end edges of the blank of which said body is formed.

5. In a money box, a body composed of an upwardly foldable bottom, inwardly foldable end members rising from said bottom, vertically-extending flaps on the sides of said end members, and horizontally-extending flaps on said bottom, exterior foldable walls with which said vertically and horizontally extending flaps are connected, and a foldable piece whose side members are secured to the upper terminals of side exterior walls and adapted to cover and close the space between said terminals.

6. In a money box, a body composed of a foldable bottom, foldable end members rising therefrom, foldable fillets at the places of junction of said end members and bottom, vertically-extending flaps on the sides of said end members, and horizontally-extending flaps on said bottom and rising therefrom, and exterior side walls on said body connectible with said horizontally and vertically extending flaps.

7. In a money box, a body composed of a foldable bottom, foldable end members rising therefrom, foldable fillets at the places of junction of said end members and bottom, vertically-extending flaps on the sides of said end members, and horizontally-extending flaps on said bottom and rising therefrom, exterior foldable side walls meeting at the top on said body connectible with said horizontally and vertically extending flaps, and a piece on the upper terminals of said end members secured to the adjacent portions of the same adapted to cover and close the space between said terminals.

WILLIAM H. HART, JR.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."