

M. E. IRVING.
MONEY BOX.

APPLICATION FILED SEPT. 1, 1911.

1,012,857.

Patented Dec. 26, 1911.

Fig. 1

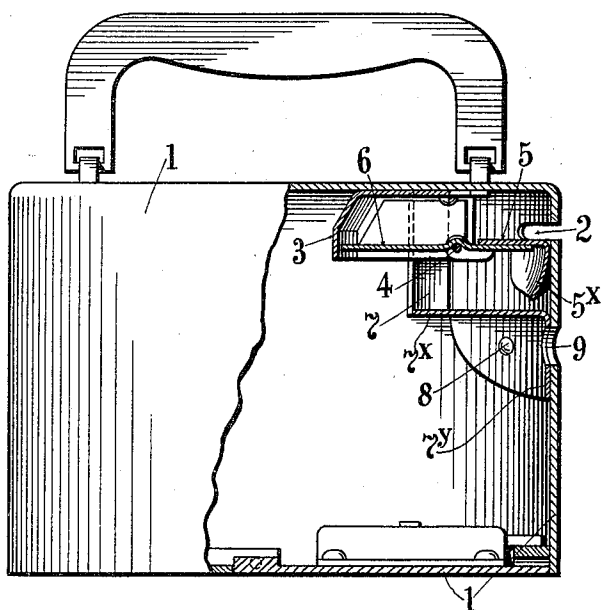


Fig. 2

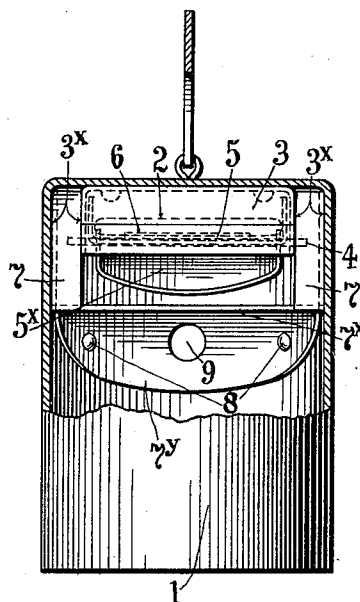
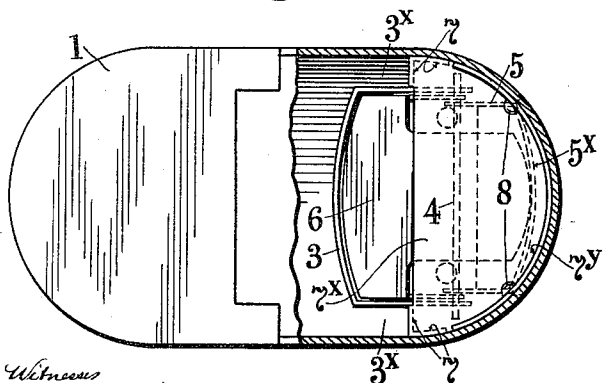
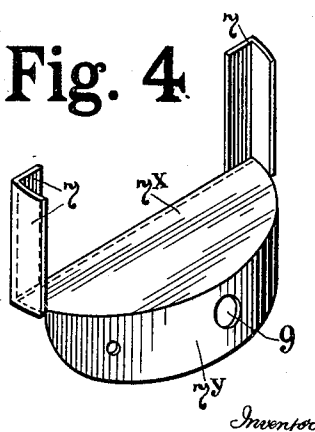


Fig. 3



Witnesses
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Fig. 4



Inventor
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by Harold Terrell
her atty.

UNITED STATES PATENT OFFICE,

MINNIE EMMA IRVING, OF LEEDS, ENGLAND.

MONEY-BOX.

1,012,857.

Specification of Letters Patent.

Patented Dec. 26, 1911.

Application filed September 1, 1911. Serial No. 647,149.

To all whom it may concern:

Be it known that I, MINNIE EMMA IRVING, a subject of the King of Great Britain, residing at Leeds, in the county of York, England, have invented certain new and useful Improvements in Money-Boxes, and of which the following is a specification.

This invention relates to money boxes of the class known as "home safes" employed for the temporary deposit of money, wherein the wall of the box is formed with a coin slot near the upper part at one end and in which a shallow tray or hood is secured to the roof of the box adjacent to the coin slot and provided with a pivot upon which swings a tilting floor usually consisting of a receiving section and a discharge section; the arrangement being such that on a coin being inserted, the floor tilts and discharges the coin into the box while a lip formed on one of the sections simultaneously closes the coin slot. This construction of mechanism is provided to prevent the insertion of an instrument through the coin slot for the purpose of tipping the discharge section with a view to working coins through or past the sections on the box being turned upside down; and additional means for preventing the irregular extraction of the contents of the box by way of the tilting-floor sections have hitherto been proposed with a view to rendering the box more safe. The tray or hood carrying the coin mechanism is however of a width less than that of the box, the result being that a space or channel is left on each side of the said hood; and it has been found that on turning the box upside down small coins can be passed along these spaces toward the coin slot, and that by a little manipulation with an instrument a coin may be passed between the lip of the tilting floor and the box (by reason of the fact that on raising the lip away from the slot an increased space is provided due to pivoting) so as to allow the coin to be removed from between the said lip and the box out by way of the coin slot; and the object of this present invention is to provide simple and efficient means whereby the extracting of coins in this particular irregular method is entirely obviated.

According to my invention I employ a combined guard comprising two vertical members and a transverse member, which latter is shaped to fit exactly within the box at one end thereof immediately below the

hood containing the coin mechanism, while the two vertical members extend upward from the said transverse member to the roof of the box at each side of the hood between the latter and the walls of the box so as to effectually close the channels around the sides of the said hood.

It will be found that by employing a money box fitted with this improvement, the side members effectually prevent the passage of coins by way of the side channels while the transverse member acts as a baffle plate in preventing coins being pitched over past the side members into the side channels, thus rendering it impossible for even the smallest coin to be extracted by way of the side channels in the manner hereinbefore described.

With a view to enabling the arrangement to be applied to existing boxes, the side members and baffle plate above described may be formed in a piece so as to allow them to be inserted together to within the box where they are secured in position; while in the case of new boxes, the members may be formed separately and be independently secured in position within the box or they may be formed in a piece with the hood if desired.

In order that my invention may be clearly understood, reference is directed to the example of construction shown in the accompanying drawings, in which similar numerals are employed to indicate like parts in all the figures, wherein:—

Figure 1 is a part-sectional side elevation, Fig. 2 a part sectional end elevation and Fig. 3 an inverted plan, partly in section, showing a money box of the "home-safe" class fitted with a guard constructed according to my invention. Fig. 4 is a perspective view showing the guard detached.

In the drawings, 1 is a money box provided at one end near its upper part with a coin slot 2, and to the roof of the box 1 adjacent to the said slot 2 is secured a shallow hood 3 provided with a pivot 4 upon which swings a tilting floor comprising a receiving section 5 having a lip 5* formed thereon and a discharge section 6, all of ordinary construction; the arrangement being such that on a coin being inserted through the slot 2, the compound floor tilts and discharges the coin into the box 1 while the lip 5* simultaneously closes the slot 2.

According to my invention, I employ in conjunction with the mechanism above described a combined guard comprising two

vertical members 7 and a transverse member 7^x, which latter is shaped to fit exactly within the box 1 immediately beneath the hood 3 and is provided with a depending flange 7^y through which are passed fixing rivets 8 for securing the guard in position within the box 1, while the two vertical members 7 extend upward from the transverse member 7^x to the roof of the box 1 at each side of the hood 3 and are of such a width as to effectually close the channels 3^x between the walls of the box 1 and the sides of the said hood 3.

In employing a money box fitted with the guard constructed as described, it will be found that the vertical members 7 will effectually prevent the passage of coins along the spaces or channels 3^x between the box 1 and the sides of the tray 3 while the transverse member 7^x acts as a baffle in preventing coins from being pitched over past the members 7^x into the said spaces, thus rendering impossible the irregular extraction of coins in the manner hereinbefore described.

A hole 9 is formed through the wall of the box 1 for the insertion of paper money; this being usual in such boxes, except that the said hole is situated at the coin-slot end of the box instead of at the opposite end.

What I claim as my invention and desire to secure by patent is:—

1. In a "home safe" money box having a

coin slot therein and being fitted with a tilting floor carried by a tray or hood of less width than that of the box; the combination with the money box and its coin mechanism, of a guard comprising two side members fitted into and closing the entrance of the channels between the sides of the box and the hood and a transverse member located immediately below the coin-mechanism containing hood and extending over the side channels, substantially for the purposes described.

2. In a "home safe" money box having a coin slot therein and being fitted with a tilting floor carried by a tray or hood of less width than that of the box; the combination with the money box and its coin mechanism, of a guard comprising two vertical side members fitted into and closing the entrance of the channels between the sides of the box and the hood and a transverse member formed with or attached to the said vertical members and being located immediately below the coin-mechanism containing hood and extending over the side channels, substantially for the purposes described.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

MINNIE EMMA IRVING.

Witnesses:

JOHN JOWETT,

NELLIE KNAPTON.