E. F. KAVANAGH.

COIN BANK.

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1,189,258.

Patented July 4, 1916.

FIG. 1.

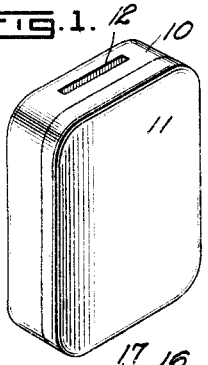


FIG. 4.

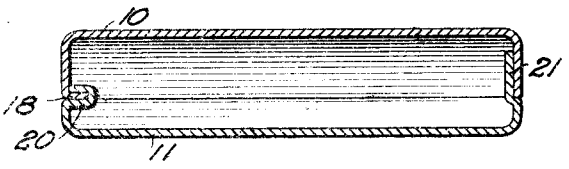


FIG. 2.

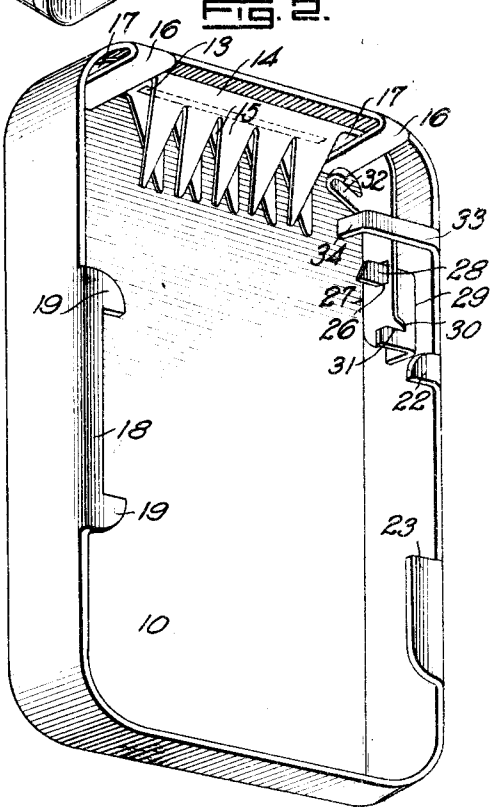


FIG. 3.

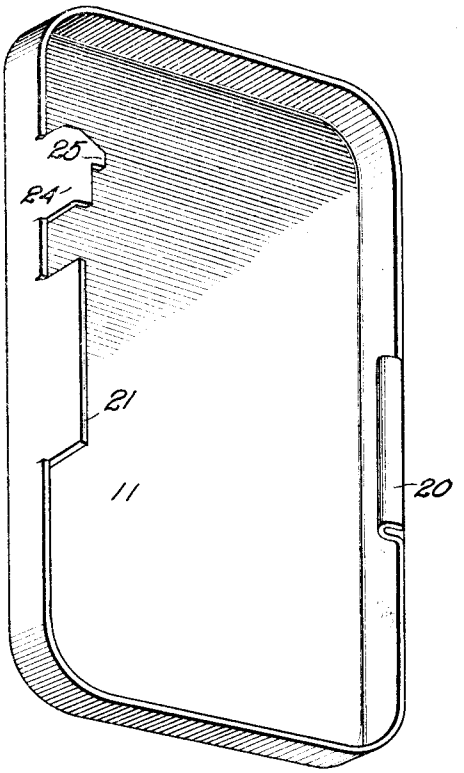
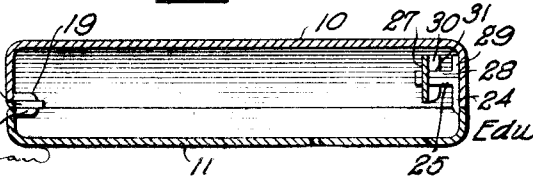


FIG. 5.



WITNESSES

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COIN-BANK.

1,189,258. Specification of Letters Patent. Patented July 4, 1916.

Application filed November 12, 1915. Serial No. 61,068.

To all whom it may concern:

Be it known that I, EDWARD F. KAVANAGH, a citizen of the United States, and a resident of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and Improved Coin-Bank, of which the followig is a full, clear, and exact description.

My invention relates to a bank which may be conveniently carried in the pocket if desired.

The box is composed of two separable sections constituting, in effect, a body and a cover. These have engaging members and in addition co-acting locking devices. The locking devices instead of being operable by a key are so arranged as to be controlled by a hook inserted through the coin slot in the bank in a particular manner, whereby to move a resilient latch device forming part of the locking elements.

The invention will be particularly explained in the specific description following.

Figure 1 is a perspective view of a coin bank embodying my invention; Fig. 2 is a perspective view of one of the box sections on an enlarged scale; Fig. 3 is a perspective view of the other box section or cover; Fig. 4 is a cross section of the box when closed, the section being taken below the locking devices and through the engaging members of the respective sections; and Fig. 5 is a cross section, the section being taken nearer the top of the box and through the resilient latch forming part of the locking means.

In constructing a practical embodiment of my invention in accordance with the illustrated example, two box sections 10, 11 are provided, the one having a coin slot 12 in the upper end thereof. Registering with the slot 12 is a corresponding coin slot 13, formed in a guard device 14 secured at the interior of the box. The guard 14 has flanges at the sides which are formed into tongues 15 and are given an inclination toward each other so that the lower ends of the tongues approach each other in staggered relation in a way to permit a coin to drop therebetween and to minimize the possibility of coins escaping between the tongues and finding outlet through the coin slots. The guard 14, in the preferred construction, is secured to the top of the box by means of inturned lugs 16 formed on the box and extending beneath lateral arms 17 on the said guard at each end.

To detachably unite the sections 10, 11, one section, 10, is formed with an inturned flange 18 extending from the edge at one side of the box. Lugs 19 at the ends of the flange 18 present a depression therebetween in which is received a U-shaped member 20 formed on the edge of the adjacent side of the other section 11, the arrangement being such that the said U-shaped member may have hooked engagement with the flange 18 in the depression between the lugs 19. The section carrying the U-shaped member 20 is formed at the opposite side from the said member 20, with a flange 21, which is offset as shown best in Fig. 4 to lie against the inner surface of the adjacent side of the box section 10. There is sufficient looseness between the members 18 and 20 and sufficient resiliency in the material forming the box sections, to permit the engagement and disengagement of said elements 18, 20 as well as the fitting of one section onto the other, with the flange 21 in position at the interior of the section 10. The member 21 is received between lugs 22, 23 on the opposite box section so that said lugs and the lugs 19 prevent endwise sliding of the sections.

Locking elements are provided for holding the box sections locked in the closed position. These locking elements comprise a flange 24 on the side of the box section 11, the end of the flange being inturned and provided with a tongue 25, which is receivable in an opening 26 in a resilient latch arm 27 provided on the box section 10 at the interior. The resilient latch arm 27 may be formed integrally with one fastening member arm 16 of the guard 14 as shown in Fig. 2. The opening 26 is of a size to receive also a tongue 28 on the box section 10. Said tongue 28 may be formed on an L-shaped bracket 29 secured to or formed on the side of the box section 10. The angular positions of the tongues 25, 28 on the respective sections are such that when the sections are brought together in the closed condition of the box, said tongues will lie side by side extending in the general plane of the box at the interior thereof. Advantageously the latch 27 at its free end is turned inwardly as at 30 toward the edge of the bracket 29 and is formed with a notch 31 to receive the edge of said bracket where-

by the latch will be braced against strains in any attempts to surreptitiously open the bank. The locking tongues 25, 28 and the latch 27, it will be noted, are located out of the plane of the meeting edges of the box sections 10, 11, so that a knife blade or the like cannot be entered between the said meeting edges to unlock the bank.

In order to release the box sections and permit their separation, the latch 27 is provided with a hooked member 32 which is disposed at such an angle to the registering coin slots 12, 13, that said hook may be reached by any small hooked tool or device entered through said coin slots and between the tongues 15. The hook 32 and the latch 27 are located in the box adjacent to an end of the coin slots, the hook being positioned in line with the space between the guard tongues 15, and it is to be understood that the exact location of the hook, or in fact, the provision of such means within the box for releasing the latch will be known only to the owner of the box, or at least not generally known, so that unauthorized parties would find difficulty in surreptitiously opening the bank.

In order to limit the movement of the latch 27 in response to a pull on the hook 32, a stop 33 is provided in the form of an arm extending from the adjacent side of the box 10 and having its end 34 turned at approximately right angles into the path of movement of the said latch.

Upon closing the bank by bringing the two box sections together, when the flange 24 comes in tripping contact with the end 30 of the latch 27, it will push back said latch so as to allow the lock members 25, 28 to come into close relation and be engaged by the latch; this avoids having to insert the hook through the coin slot to pull the latch 27 back in closing the bank.

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

1. A bank having a coin slot and comprising two separable box sections provided with locking means including members on the respective sections and disposed adjacent to each other when the sections are together, and a latch adapted to engage both of the said members.

2. A bank having a coin slot and comprising two separable box sections provided with locking means including tongues on the respective sections parallel with the general planes of the sections, and disposed adjacent to each other when the sections are together, and a spring latch having a recess adapted to accommodate both of the said tongues and in which one of said tongues is permanently positioned.

3. A bank having a coin slot and comprising two separable box sections provided with locking means including tongues on the respective sections and disposed adjacent to each other when the sections are together, and a spring latch adapted to engage both of the said tongues, said latch having a hook thereon adapted to be engaged by a mating hook for moving the said latch.

4. A bank having a coin slot and comprising separable box sections, a guard at the interior of the box at said coin slot, the guard presenting convergent members disposed at opposite sides of the slot, and means to lock the sections together, said locking means including lock members on the respective sections adapted to lie in close relation when the said sections are together, and a resilient latch having an opening to receive both of said lock members and having a hook member thereon disposed adjacent to the ends of the guard members and adapted to be engaged by an operating means entered through the coin slots and beween the guard members.

5. A bank having a coin slot and comprising separable box sections, and means to lock the sections together, said locking means including a member on one box section at the interior of a side thereof, a latch on said box section engageable with said lock member, and a second lock member on the adjacent side of the other box section adapted to lie in close relation with the first member and engageable also by the said latch, there being a trip member adjacent to the second lock member adapted to trip the latch when the box sections are brought together to permit both of said members to be engaged by said latch.

6. A bank having a coin slot and including separable box sections, said sections having at the corresponding sides thereof mating members adapted for separable engagement, and one of said sections having at the opposite side from the said mating members a flange offset to lie against the adjacent side of the other section at the interior of the box, when the mating members are engaged; together with co-acting locking elements on the respective sections to lock the sections in position with said mating members in engagement and with said flange in position against the adjacent section.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDWARD FRANCIS KAVANAGH.

Witnesses:
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W. H. SUTER.