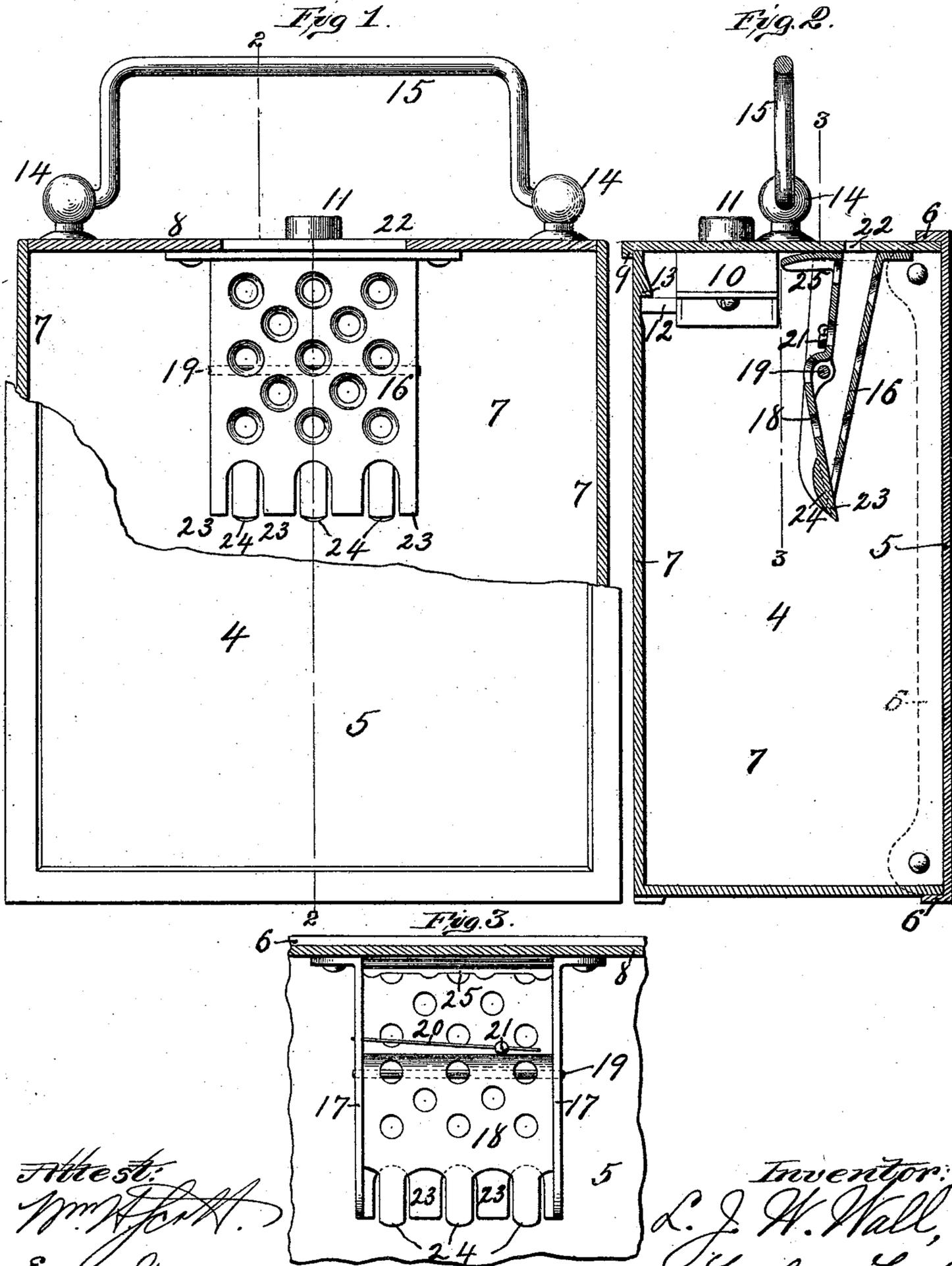


(No Model.)

L. J. W. WALL.
SAVINGS BANK.

No. 532,505.

Patented Jan. 15, 1895.



Attest:
[Signature]
Esther Derrill.

Inventor:
L. J. W. Wall,
By *[Signature]* Fowler & Fowler
Attys.

UNITED STATES PATENT OFFICE.

LOUIS J. W. WALL, OF ST. LOUIS, MISSOURI.

SAVINGS-BANK.

SPECIFICATION forming part of Letters Patent No. 532,505, dated January 15, 1895.

Application filed July 2, 1894. Serial No. 516,269. (No model.)

To all whom it may concern:

Be it known that I, LOUIS J. W. WALL, a citizen of the United States, residing in the city of St. Louis and State of Missouri, have
5 invented a certain new and useful Improvement in Savings-Banks, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to
10 reference being had to the accompanying drawings, forming part of this specification.

The object of my invention is to construct a savings bank or box from which it is impossible to abstract the money contained therein,
15 except the box be unlocked or broken.

To this end my invention generally stated consists in a savings bank or box provided with a removable top having a suitable coin-slot, a chute and a pivoted guard, whereby
20 it is impossible to abstract the money from the safe.

I design to have the savings box kept at the home or place of business of bank depositors, and the keys of the boxes retained
25 by the officials of the bank, so that depositors cannot gain access to the interior of the box without taking it to the officials of the bank. The box is to be taken to the bank when
30 filled, and the contents thereof deposited in the bank to the credit of the depositor.

My invention will be best understood by referring to the accompanying drawings, making part of this specification, in which—

Figure 1 is a front elevation, partly in section, of a savings bank or box, provided with my improvements. Fig. 2 is a cross-section of the same on the plane of the line 2—2 of Fig. 1. Fig. 3 is a view of a detail, showing the pivoted guard and chute, the same being
40 taken on the plane of the line 3—3 of Fig. 2.

The same marks of reference indicate the same parts throughout the several views.

4 is a stout box of iron or other suitable material. The front side 5 thereof is preferably
45 made separate and its edges 6 are turned over as shown by full and dotted lines in Fig. 2. The bottom and sides 7 of the box are preferably made of one piece of metal and riveted or otherwise permanently fastened to the turned-over edges 6 of the front
50 5. The top of the box is covered by a plate 8, which may be removed from the box. One

edge of the top 8 takes under the turned-over edge 6 at the top of the box, and a lip 9 at the rear side of the top 8 comes against the
55 upper edge of the rear side 7 of the box. The top is provided with a lock 10 on its under side, the key-barrel 11 of the lock projecting upon the outside of the top. The lock has a
60 bolt 12 which engages with a shoulder 13 on the rear side 7 near the top of the box. The bolt 12 holds the top securely to the box and when the bolt is withdrawn from the shoulder 13, the top may be lifted off the box, and
65 access had to the interior thereof. The top is also provided with short posts 14, into recesses in which, the ends of a bent rod 15 may be sprung to provide a suitable handle for the box. The under side of the top has
70 secured to it a chute 16, consisting of a perforated inclined plate and side pieces 17. The fourth or open side of the chute is provided with a pivoted guard 18 swung upon a
75 rod 19 supported by the side pieces 17. The pivoted guard is furnished with a spring 20, one edge of which is secured to a lug 21 on the inclined perforated plate, and the other
80 end thereof fastened to one of the side pieces 17, the said spring helping to hold the guard away from the chute at its upper part. Between the chute and the normal position of
85 the pivoted guard is a slot 22 cut in the top 8 of the box, into which slot the coin is deposited. The chute 16 at its lower end may be fashioned into fingers 23, and the pivoted
90 guard 18 may also be fashioned into fingers 24 at its lower end which come between the fingers 23 of the chute. The normal position of the pivoted guard is such that the fingers of the pivoted guard and chute overlap or
95 interlock, so that the coin which is already deposited in the box cannot be made to pass up the chute and out the slot by inverting the box.

The pivoted guard at its upper end is provided with a slightly curved plate 25 adapted
100 to swing under and close the slot 22, when the fingers at the lower end of the pivoted guard have moved away from the fingers 24 at the lower end of the chute, but normally the plate 25 uncovers the slot 22.

The operation of the device is as follows: A coin being deposited in the slot 22 passes through the same down the chute 16. When

it arrives at the lower end thereof, it operates the pivoted guard 18, throwing the fingers at the lower end thereof away from the fingers at the lower end of the chute, and opening the lower end of the chute, thereby permitting the coin to deposit itself in the box. At the time the coin opens the lower end of the chute, the slot 22 is closed by the plate 25. Should any one attempt to open the fingers at the lower end of the chute, so as to abstract the coin from the box, the plate 25 immediately covers the slot, so that one point is always guarded, and there is never a clear open passage from the interior of the box through the slot. The arrangement is such however, as not to interfere with the introduction of coin into the box, but only to prevent the coin from being abstracted from the box by way of the slot.

Having fully set forth my invention, what I desire to claim and secure by Letters Patent of the United States is—

1. A money bank or box having a coin-slot, a fixed chute beneath said slot extending into the box and provided with fingers at its lower end, and a pivoted slot-guard carrying on its lower end a plate provided with fingers which normally overlap the fingers of the chute, said

guard normally clear of the slot, but adapted to close such slot when the fingers at the lower end of the chute and those of the finger plate are separated from each other.

2. A money bank or box having a coin-slot, a fixed inclined chute beneath said slot extending into the box and provided with fingers at its lower end, a pivoted guard adapted to close such slot and forming one side of the chute, a spring connected with such guard and adapted to hold the same normally away from said slot, and a plate carried by said guard, and provided with fingers at its lower end which normally overlap the fingers of the chute, said guard adapted to close such slot when the fingers at the lower end of the chute and those of the finger plate are separated from each other.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 27th day of June, 1894, in the presence of the two subscribing witnesses.

L. J. W. WALL. [L. S.]

Witnesses:
WALTER B. JOHNSTON,
W. W. RAMSAY.