

H. HIRT.

CASH BOX.

APPLICATION FILED NOV. 29, 1907.

964,021.

Patented July 12, 1910.

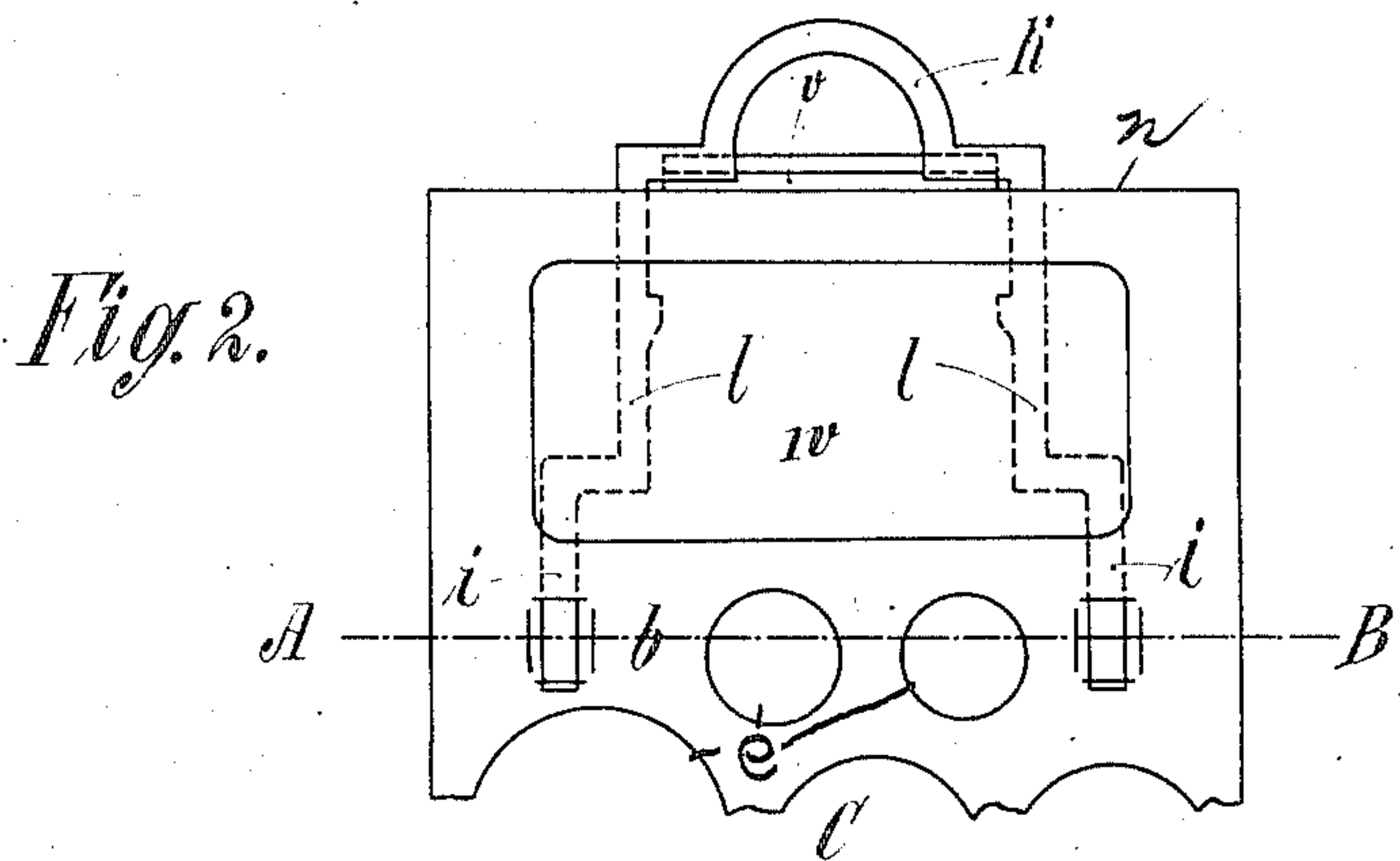
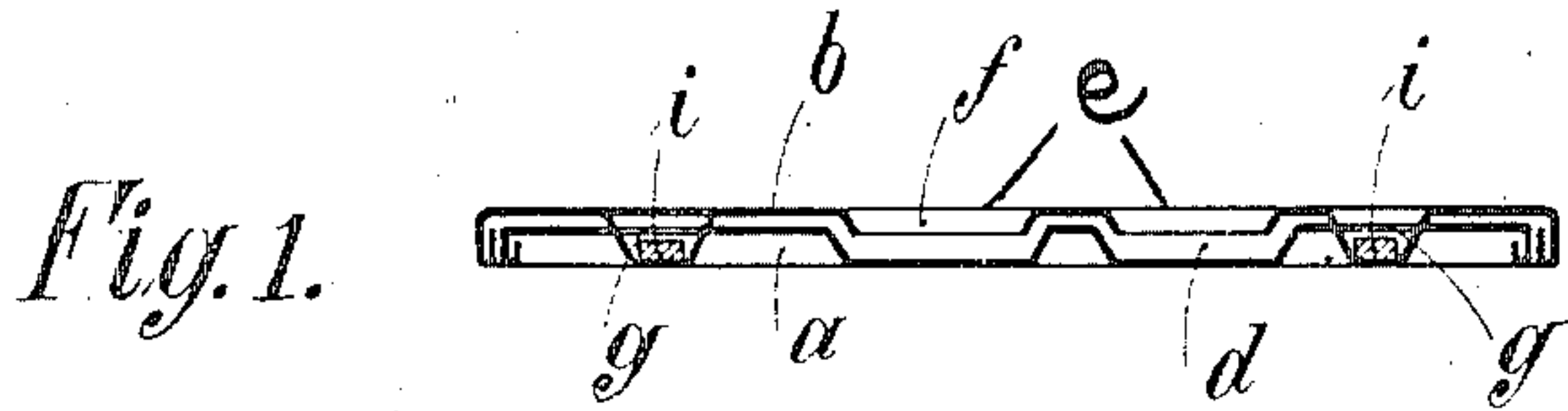


Fig. 3.

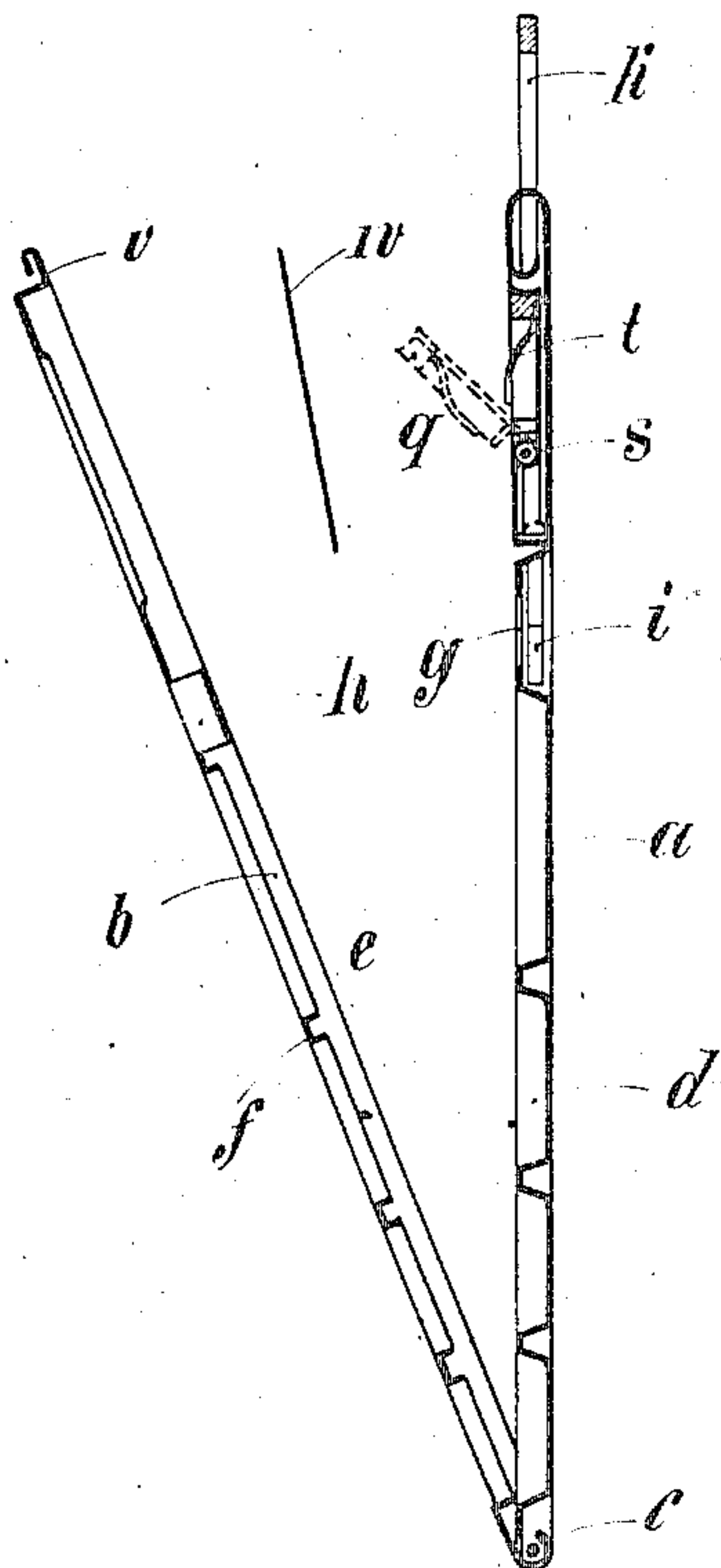
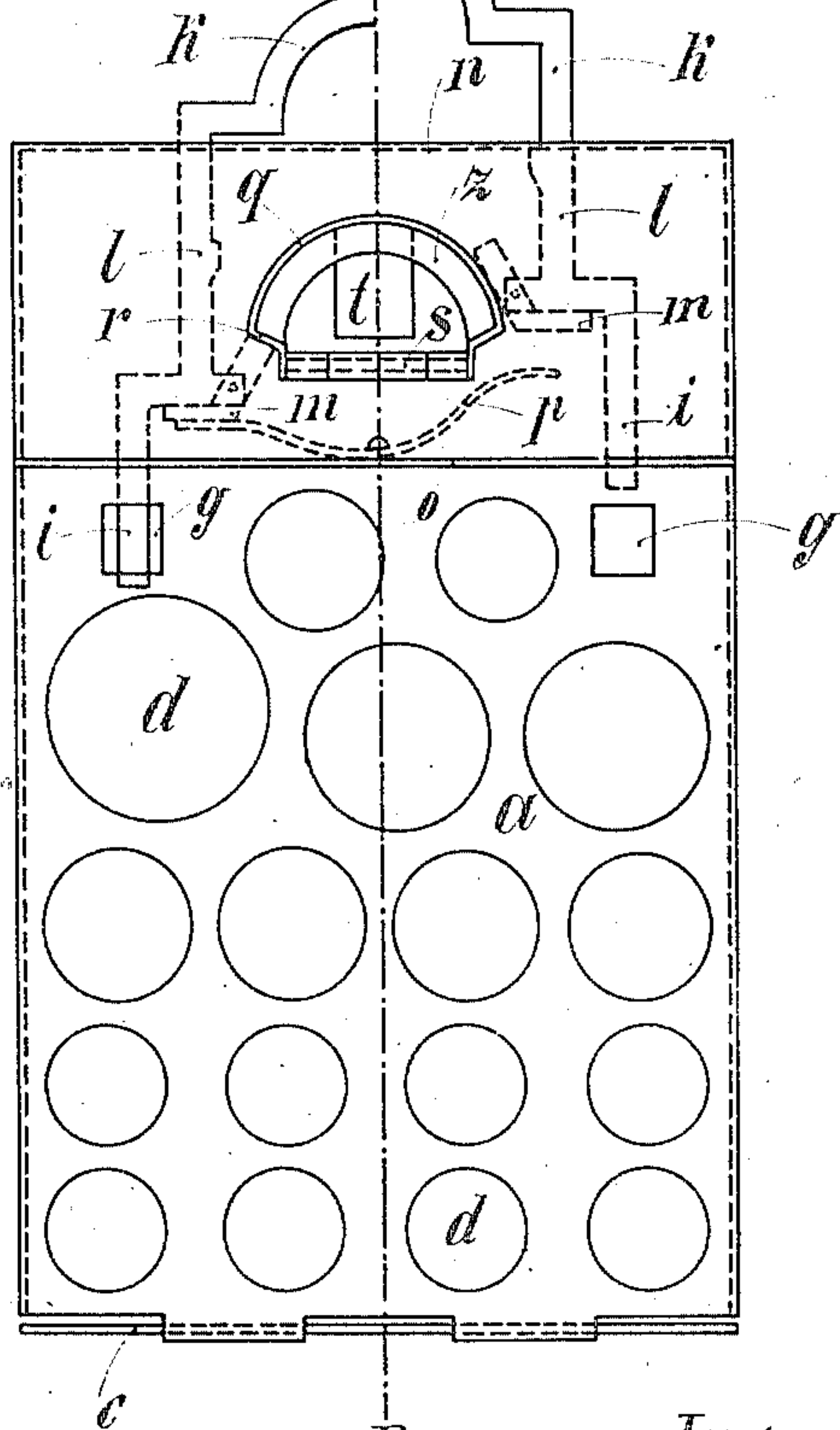


Fig. 4.



Witnesses

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CASH-BOX.

964,021.

Specification of Letters Patent.

Patented July 12, 1910.

Application filed November 29, 1907. Serial No. 404,305.

To all whom it may concern:

Be it known that I, HANS HIRT, a subject of the German Emperor, and a resident of Grätz, Posen, Germany, have invented certain Improvements in Cash-Boxes, of which the following is a specification.

This invention relates to certain improvements in cash boxes, and more particularly to that variety of such devices which are especially designed and adapted to contain coins for the payment of wages, and the object of the invention is to provide a cash box of this general character of a simple and comparatively inexpensive nature; and of a compact construction having sealing or locking means of a novel and improved character whereby unauthorized opening of the box or tampering with its contents is effectively prevented.

An important object of the present invention is a new and peculiar locking device for cash-boxes of this kind for the payment of wages.

In order that the invention may be clearly understood, reference is made to the accompanying drawing in which one embodiment of a cash-box for the payment of wages is represented by way of example.

In the drawing:—Figure 1 is a cross-section through the closed cash-box in the plane A—B in Fig. 2; Fig. 2 is a plan of part of the closed cash-box; Fig. 3 is a longitudinal section through the open cash-box in the plane C—D in Fig. 4 and Fig. 4 is a plan of the box of the cash-box after the lid has been removed.

The cash-box consists of a shallow box *a* and a lid *b* connected with it by hinges *c*. The box *a* contains hollows or cavities *d*, the size of which corresponds to the coins which are to be paid out. In the lid *b* over each cavity *d* there is a hole *e* having a rather smaller diameter than that of the corresponding cavity *d*. The edges *f* of the openings *e* which are splayed inward prevent the removal of the coins which are between the bottom of the box *a* and the splayed edges *f*, as well as the note of wages *w*, when the cash-box is closed.

The following device is arranged for locking the cash-box: In the bottom of the box *a* there are two hollows *g* into each of which a hoop or strap *h* of the lid *b* enters when the lid is closed. In order to secure the lid

in the locked position, the bolts *i* are pushed between the hoops *h*, it being thus made impossible to lift up the lid. The bolts *i* form the two limbs of the sliding-bolt *k*. The latter has at *l* two noses with which it lies against the vertical front-end *n* of the box *a* when in its withdrawn position, as shown to the right-hand in Fig. 4. Further, the sliding-bolt *k* carries two pawls or check-hooks *m* mounted pivotally. If the sliding-bolt *k* which is guided in guide apertures in the front end *n* and in the partition *o* is pushed in, the outer limbs of the check-hooks *m* slide along the border *q* of the hinged plate *z* on the bottom of the box, the two bolts *i* are pushed into the hoops *h* and the handle of the sliding-bolt *k* is pushed over the hook *v* of the lid (Fig. 3), so that the lid *b* and box *a* are held together. Shortly before the sliding-bolt *k* arrives at its final position, the inner limb of each of the two check-hooks *m* hit the spring *p*. Consequently the check-hooks *m* latch under the action of the spring *p* behind the hinged flap *z* and prevent the sliding-bolt *k* going back. In this position, shown to the left in Fig. 4, the sliding-bolt can only be withdrawn for releasing the lid when the hinged flap *z* has been raised and turned about 90° around its hinge *s*, as shown in Fig. 3, the pawls *m* then passing freely under the side parts *r* of the hinged flap *z*.

The manner in which the cash-box, provided with the lock as described and claimed is worked is as follows: The cashier places the separate coins into the corresponding cavities *d* of the open cash-box and puts the note of wages *w* over the hinged flap *z*. He then shuts the lid *b* and secures it by inserting the sliding-bolt *k*. The workman, to whom the cash-box closed in this manner is handed, can examine the note of wages as well as the amount of money without having to open the cash-box, as both are visible to him. If he wishes to raise an objection he calls attention to the cash-box which is still intact and permits the contents being examined at all times. If he agrees to the account and contents, on the contrary, he opens the cash-box by tearing the note of wages *w* with his finger and, taking hold of the handle or strip *t* attached to the hinged flap *z*, pulls up the latter and withdraws the sliding-bolt *k*. In this manner

the lid is unbolted, and the cash-box can be opened, whereupon it is emptied and given up.

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

1. In a cash-box of the type described, a box having a cavity in its bottom, an apertured lid hinged upon the box, a strap on said lid fitting into said cavity when the box is closed, and a hook on said lid, in combination with a slidable bolt engageable with said strap and said hook when the box is closed, detent means in said box, and a pawl on said bolt adapted to engage said detent means when the bolt is in locked position, whereby said bolt cannot be withdrawn before said detent means are moved out of engagement with said pawl.

2. In a cash-box of the type described, a box having a plurality of cavities in its bottom, an apertured lid hinged upon the box, a plurality of hoops on said lid adapted to pass into said cavities when the box is closed, and detent means on said lid, in combination with a sliding-bolt having a handle and a plurality of bolts adapted to slide in said box and engage said detent means and said hoops when the box is closed, a flap having detent means hinged on the bottom of said box, a spring in said box, and pawls on said bolts adapted to be pressed by said spring and engageable with said latter detent means when the sliding-bolt is in locked position, the arrangement being such that said sliding-bolt cannot be withdrawn before said flap with its detent means is disengaged from said pawls.

3. A device of the character described having a body portion provided with chambers to receive coins, a lid adapted to be extended across the coin receiving chambers of the body portion and provided with apertures at which the coins in said chambers are visible when the lid is in closed adjustment, said device being also provided with a chamber and having an aperture affording access to said chamber when the lid is in closed adjustment a releasable securing device within said chamber for holding the lid in closed relation to the body portion, and a seal applied over the last-named aperture and preventing access to the chamber wherein the securing device is arranged.

4. A device of the character described having two members, one of which is a body portion adapted to receive coins, and the other of which is a lid adapted to be extended across the body portion to prevent the removal of the coins therefrom, one of said members having apertures whereat the coins in said body portion are visible when the lid is in closed adjustment, releasable securing means for holding the lid in closed adjustment, one of said members having an aper-

ture affording access to said securing means, and a seal adapted to be extended across said last-named aperture to prevent unauthorized access to said securing means.

5. A device of the character described having two members, one of which is a body portion adapted to receive coins, and the other of which is a lid adapted to be extended across the body portion to prevent the removal of coins therefrom, one of said members having apertures whereat the coins in said body portion are visible when the lid is in closed adjustment, a releasable detent, a bolt carried by one member and engageable with the other member to hold said members in closed adjustment, and a part carried by the bolt and engageable with said releasable detent to hold the bolt against movement when the members are in closed adjustment.

6. A device of the character described having two members, one of which is a body portion provided with a plurality of chambers adapted to receive coins, and the other of which is a lid adapted to be extended across the coin-receiving chambers to prevent the removal of coins therefrom, and provided with apertures in registry with the coin-receiving chambers of the body portion when the lid is in closed adjustment, releasable securing means for holding the lid in closed adjustment, one of said members having an aperture affording access to said securing means, and a seal adapted to be extended across said last-named aperture to prevent unauthorized access to said securing means.

7. A device of the character described having two members, one of which is a body portion adapted to receive coins, and the other of which is a lid adapted to be extended across the body portion to prevent the removal of coins therefrom, one of said members having apertures whereat the coins in said body portion are visible when the lid is in closed adjustment, a releasable detent inclosed within the device, a bolt carried by one member and engageable with the other member to hold said members in closed adjustment, a part carried by said bolt and engageable with the releasable detent to hold the bolt against movement when the members are in closed adjustment, one of said members having an aperture affording access to said detent, and a seal adapted to be extended across said last-named aperture to prevent unauthorized access to said detent.

In witness whereof I have hereunto signed my name this 20 day of October 1907, in the presence of two subscribing witnesses.

HANS HIRT.

Witnesses:

CARL PRIEBE,
OTTO ENGELS.