June 24, 1941. A. H. HILCKMAN 2,247,020

COUNTER CASH RECEPTACLE

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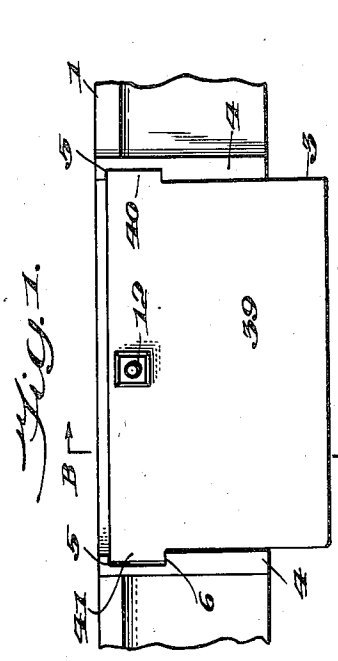


Fig. 1.

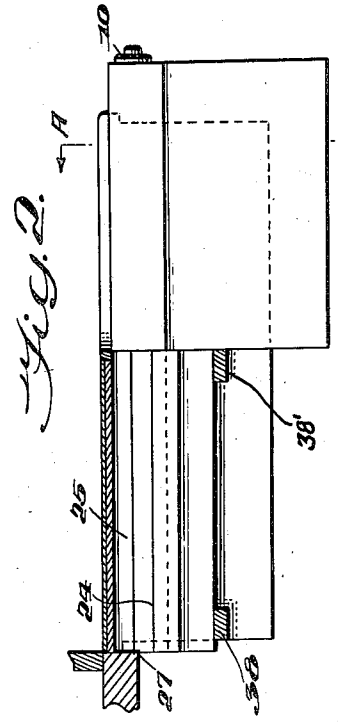


Fig. 2.

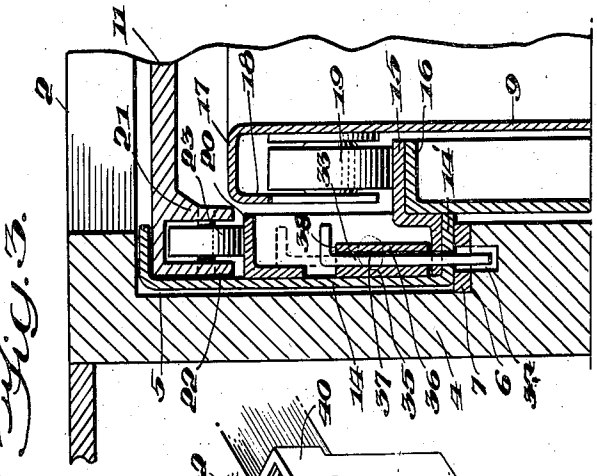


Fig. 3.

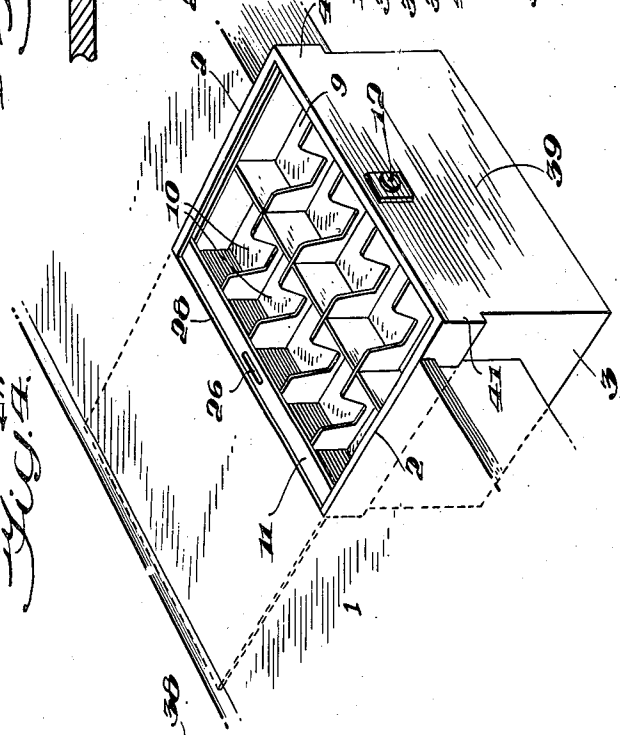


Fig. 4.

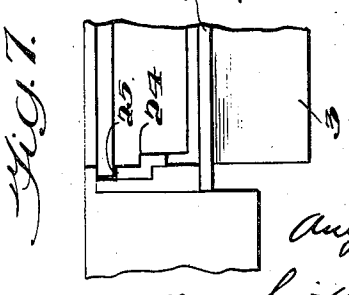


Fig. 7.

Inventor

August H. Hilckman,

By Smith, Michael & Gardiner,

Attorneys.

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Fig. 5.

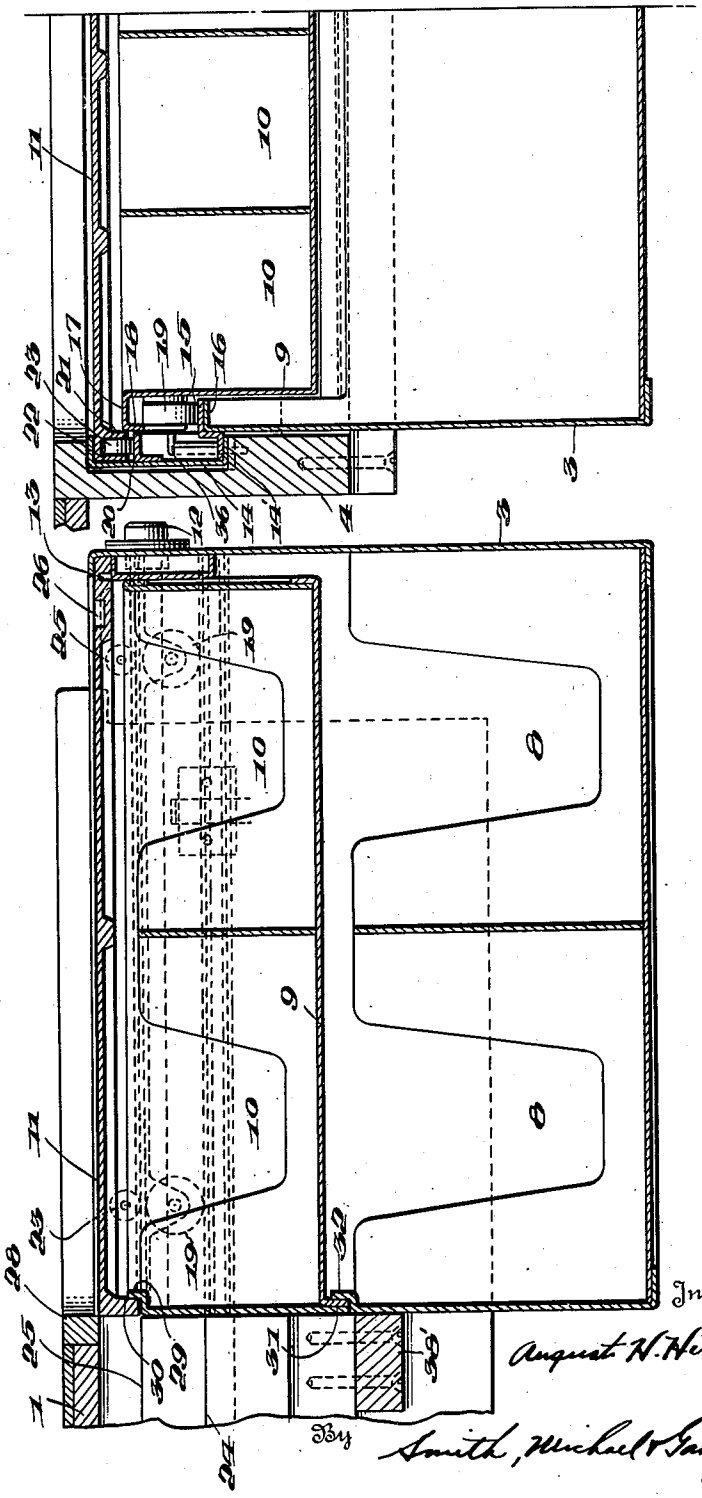


Fig. 6.

Inventor
August H. Hilckman
By Smith, Michael & Gardiner,
Attorneys.

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COUNTER CASH RECEPTACLE

August H. Hilckman, Miami, Fla.

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13 Claims. (Cl. 312—140.4)

This invention relates to an improvement in bank counter cash receptacles, an object thereof being to provide a device of this character which is arranged to be removably secured to the counter to provide a receptacle to be used for the storage of currency.

In present day bank practice it is customary for the bank teller at the close of business to transfer the currency or cash from a cash drawer in the cage to the vault for safe-keeping. This is generally accomplished either by removing the currency from the cash box to another receptacle which is then carried to the vault and stored for the night, or the currency is carried in the teller's arms and deposited in the vault. This procedure must then be reversed the following day.

By the use of the cash receptacle embodying the present invention this cumbersome routine is eliminated.

The present invention comprehends the use of a cash receptacle having different compartments for current and reserve money; the reserve money being stored in the bottom of the main receptacle and the current money in a drawer slidably arranged within the main receptacle.

An object of my invention is to provide a counter so constructed that access may be had to the current cash drawer and main cash receptacle without the necessity of withdrawing the receptacle from beneath the counter.

A further object is to provide a cash receptacle which may be securely latched in position beneath the counter to prevent accidental withdrawal of the same.

A still further object is to provide a structure whereby the main cash receptacle, current cash drawer and cover may be bodily removed from the counter as a unit.

Other objects, advantages and features are comprehended by the invention as will later appear and as are inherently possessed thereby.

Referring to the drawings:

Figure 1 is a front elevation;

Fig. 2 is a side elevation of the cash receptacle showing a portion of the counter in section with runways for the auxiliary cash drawer and cover;

Fig. 3 is a fragmentary section illustrating the disposition of the runways and carrying rollers for the auxiliary current cash drawer and cover together with the locking pin for holding the main cash receptacle in proper position relative to the counter;

Fig. 4 is a perspective view of a portion of the counter showing my improved cash receptacle in place;

Fig. 5 is a fragmentary section taken on lines A—A of Fig. 2;

Fig. 6 is a fragmentary section taken on the line B—B of Fig. 1, and

Fig. 7 is a fragmentary rear elevation showing clearly the structure of the trackways attached to the underside of the counter to the rear of the receptacle.

Referring particularly to Figs. 1 and 4 of the drawings, 1 is a counter having an opening 2 cut therein and extending from one edge of the counter to permit access to a cash receptacle 3 when in place beneath the counter. The counter 1 is provided with transverse brace members 4 provided with grooves 5 forming slideways for the cash receptacle 3 and serving to support the receptacle on the shoulders 6. The bottom of each slideway is provided with a wear plate 7, as clearly shown in Fig. 3, although this is not essential. The cash receptacle 3 has arranged in the bottom thereof compartments 8 for reserved currency. Arranged within receptacle 3 is a drawer 9 divided into a number of compartments 10 for the storage of current money, and is referred to as the "current money drawer." Arranged to cover the current money drawer 9 is a sliding cover 11 which, when in closed position, may be locked by lock 12 mounted on the front of the cash receptacle 3, thereby locking the drawer 9 in closed position. The lock may be of any type in which a sliding or other bolt is projected into the keeper 13.

Particular attention is invited to the fact that the cash receptacle 3 has attached thereto on both sides, oppositely facing channel members 14 providing shoulders 14' engaging the shoulders 6 on the transverse member 4, and which slide in grooves 5.

The oppositely facing channel members 14 have rigidly attached thereto angle members 15 which rest on the upper shoulder 16 of the receptacle 3 and are attached thereto. The upper edge of money drawer 9 is turned outwardly on each side at 17 and downwardly at 18 and is provided with bearings for rollers 19 which support the money drawer on track 15. Two rollers are shown for each side of the drawer but this number may be varied. Channel members 14 have rigidly attached thereto additional angle members 20 which form trackways for the sliding cover 11. Downwardly projecting portions 21 and 22 are provided on each side of the slid-

ing cover 11 and carry bearings for rollers 23 which support the cover on trackways 20.

As shown particularly in Figs. 2 and 6, the upper part of the back wall of cash receptacle 3 is cut out permitting currency drawer 9 and cover 11 to slide rearwardly on trackways 24 and 25 arranged under the counter rearwardly of the cash receptacle and in alignment with trackways 15 and 20 so that when the cash box has been placed in position under the counter, as clearly shown in Fig. 4, the current currency drawer 9 and cover 11, or the cover independently of the drawer, may be pushed rearwardly beneath the counter 1.

A recessed finger hold 26 is provided near the front edge of the cover 11 in order that the cover may be more easily operated from open to closed position. The cover is prevented from sliding back too far beneath the counter by stop 27. The stop 27 is positioned in such a manner that when the cover 11 strikes it the finger hold 26 is still within reach beyond the edge 28 of counter 1. Currency drawer 9 is prevented from moving rearwardly too far by means of stop 29 carried by the drawer 9 which strikes the depending rear edge 30 of cover 11. The turned down flange 31 on the rear wall of drawer 9 engages the inwardly and upwardly extending flange 32 on the rear wall of the cash receptacle 3. It will thus be observed that the cash receptacle, when all parts are as shown in Fig. 6, may be locked as a unit and removed from slideways 5 by withdrawing friction locking pins 33 which are carried by channel members 14 from sockets 34.

The friction locking pins are supported by blocks 35 fastened to the channel members 14. The blocks 35 are notched out vertically to form a slideway for the locking pins which have bearing against them spring cover plates 36. It will be noted that the locking pins 33 have lugs 37 which project over edges 38 of spring plates 36 when the pins are withdrawn from sockets 34, thus holding the pins in retracted position. Due to the structure of the lugs 37 and the resiliency of the plates 36 the pins may be pushed down into the sockets, the lugs passing freely behind spring plates 36.

While only one side of the receptacle is shown in the drawings, it is to be understood that both sides are identical.

The front wall 39 of receptacle 3 has projections 40 and 41 which cover the ends of the channel members 14 and trackways 15 and 23 carried thereby.

When the bank teller comes on duty it is only necessary for him to go to the vault and remove his cash box as a unit and carry it to his cage. Then, by starting the members 14 in the slideways 5 the cash receptacle as a unit may be slid back until it strikes a stop 38', at which time friction locking pins 33 align with their sockets 34. The current money drawer is then unlocked and pushed back sufficiently far to permit the teller to reach the locking pins which are pushed into sockets 34, thus locking the cash box in position beneath the cut-out portion of the counter.

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

1. The combination with a counter having a cut-away top portion and runways arranged under the counter top immediately behind the cut-away portion, of a receptacle, said receptacle mounted with its top exposed through said cut-away portion of the counter, runways mounted on said receptacle, said runways being in alignment with the runways under said counter top; and a sliding drawer housed in said receptacle and adapted to slide over said aligned runways.

2. The combination with a counter having runways arranged thereunder, of a receptacle, said receptacle being carried by said counter and having runways aligning with the runways arranged under the counter, said receptacle housing a sliding drawer arranged to slide over said aligned runways.

3. A counter having a top, runways arranged under said top; a receptacle, said receptacle being supported under said counter top and having runways aligning with the runways under the counter top, said receptacle having a drawer slidable over the aligned runways.

4. A counter having a cut-away top portion, a receptacle mounted with its top exposed through said cut-away portion of the counter, runways arranged under the counter top behind the cut-away portion, runways mounted on said receptacle, the runways under the counter top aligning with those on the receptacle, and a sliding drawer housed in said receptacle, said drawer sliding over the aligned runways.

5. A counter having a cut-away top portion, a receptacle, said receptacle mounted with its top exposed through said cut-away portion of the counter, runways arranged under the counter top behind the cut-away portion, runways mounted on said receptacle, the runways under the counter top aligning with those on the receptacle, a sliding drawer housed in said receptacle, and a sliding cover for said drawer, said drawer and cover sliding on said aligned runways.

6. The combination with a counter having a pair of runways arranged thereunder, of a receptacle, said receptacle positioned under said counter and having a pair of runways aligning with the runways under the counter, said receptacle housing a sliding drawer, and a sliding cover for said drawer, said drawer and cover arranged to slide over the aligned runways.

7. A cash receptacle for use with a counter comprising a current money drawer and a reserve money receptacle, the reserve money receptacle having runways over which said current money drawer slides, a sliding cover for said drawer and runways on said money receptacle for accommodating said sliding cover, and means preventing the cover from closing over the money receptacle without the drawer first being closed.

8. A money receptacle for use with a counter comprising a current money drawer, and a reserve money receptacle, a sliding cover for said current money drawer, oppositely facing channel members attached to both sides of said money receptacle, said channel members having trackways on which said money drawer and sliding cover slide.

9. The combination with a counter having a cut-away top portion and runways arranged under the counter top immediately behind the cut-away portion, of a receptacle, said receptacle mounted with its top exposed through said cut-away portion of the counter, oppositely facing channel members attached to both sides of said receptacle, said channel members carrying trackways, said trackways being in alignment with the trackways under said counter top, and a sliding drawer housed in said receptacle and adapted to slide over said aligned trackways.

10. A money receptacle for use with a counter comprising a main receptacle having oppositely facing channel members attached to both sides thereof, said channel members supporting two

pairs of runway tracks, a sliding drawer, rollers on said drawer adapted to ride on one pair of tracks; a sliding closure for said drawer and rollers on said closure adapted to ride on the other pair of tracks.

11. A counter having a cut-away portion, a receptacle, said receptacle mounted with its top exposed through said cut-away portion of the counter, transverse members attached to each side of the cut-away portion of the counter, runways in said transverse members, oppositely facing channel members attached on each side of said receptacle, said channel members engaging the runways in said transverse members; a drawer, said drawer slidably mounted on trackways carried by said channel members.

12. The combination with a counter having a cut-away portion, of a receptacle, said receptacle mounted with its top exposed through said cut-away portion of the counter, transverse members attached at each side of the cut-away portion of the counter, runways in said transverse members, oppositely facing channel members attached on each side of said receptacle, said channel members engaging the runways in said transverse members, and said channel members each supporting a friction locking pin which enters a socket provided in each of said runways when the receptacle is in proper position on the runways.

13. A receptacle for use with a counter comprising a main body, sliding drawer, and sliding cover, said main body having attached thereto on each side oppositely facing channel members, said channel members having attached thereto trackways over which the drawer and cover slide, and means for locking the main body, drawer and cover together as a unit.

AUGUST H. HILCKMAN.