United States Patent [19]

Cook

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[54] **MOUNTING OF COINS IN THE PAGES OF COIN ALBUMS**

[76] Inventor: **Luther N. Cook**, 26 N. Washington St., Tiffin, Ohio 44883

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[52] **U.S. Cl.** **206/.83,** 206/.84, 49/390, 206/45.15

[51] **Int. Cl.** **B65d 5/50,** A45c 11/00

[58] **Field of Search** ..... 206/.83, .84, .82, 45.15, 206/45.34; 49/390

[56] **References Cited**

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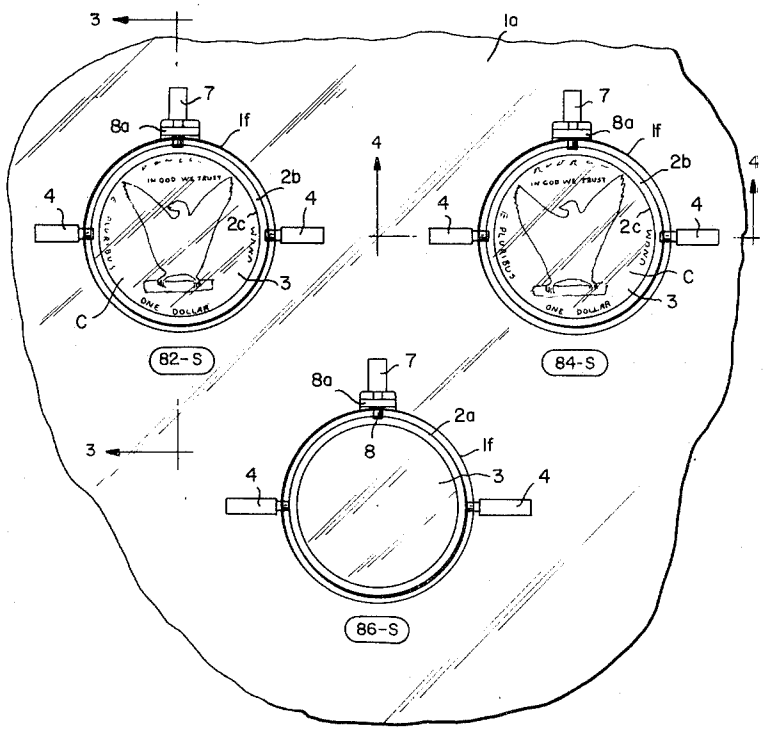
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Primary Examiner—William T. Dixson, Jr.
Attorney, Agent, or Firm—Alexander & Dowell

[57] **ABSTRACT**

The coin album page has a pair of superimposed sheets of plastic material secured together around their marginal edges. The sheets having a plurality of registering spaced circular holes extending therethrough. A plurality of circular transparent plastic coin holders, adapted to hold coins hermetically sealed therein, are pivotally and removably mounted in at least some of the holes, the coin holders being of less diameter and of less thickness than the holes in the sheets. And releasable locks are provided for normally maintaining the coin holders in the plane of one face of the page, whereby when the locks are released the coin holders may be rotated on their pivots to bring and lock the reverse side of the coin holder and coin into the plane of the same face of the album page.

10 Claims, 6 Drawing Figures



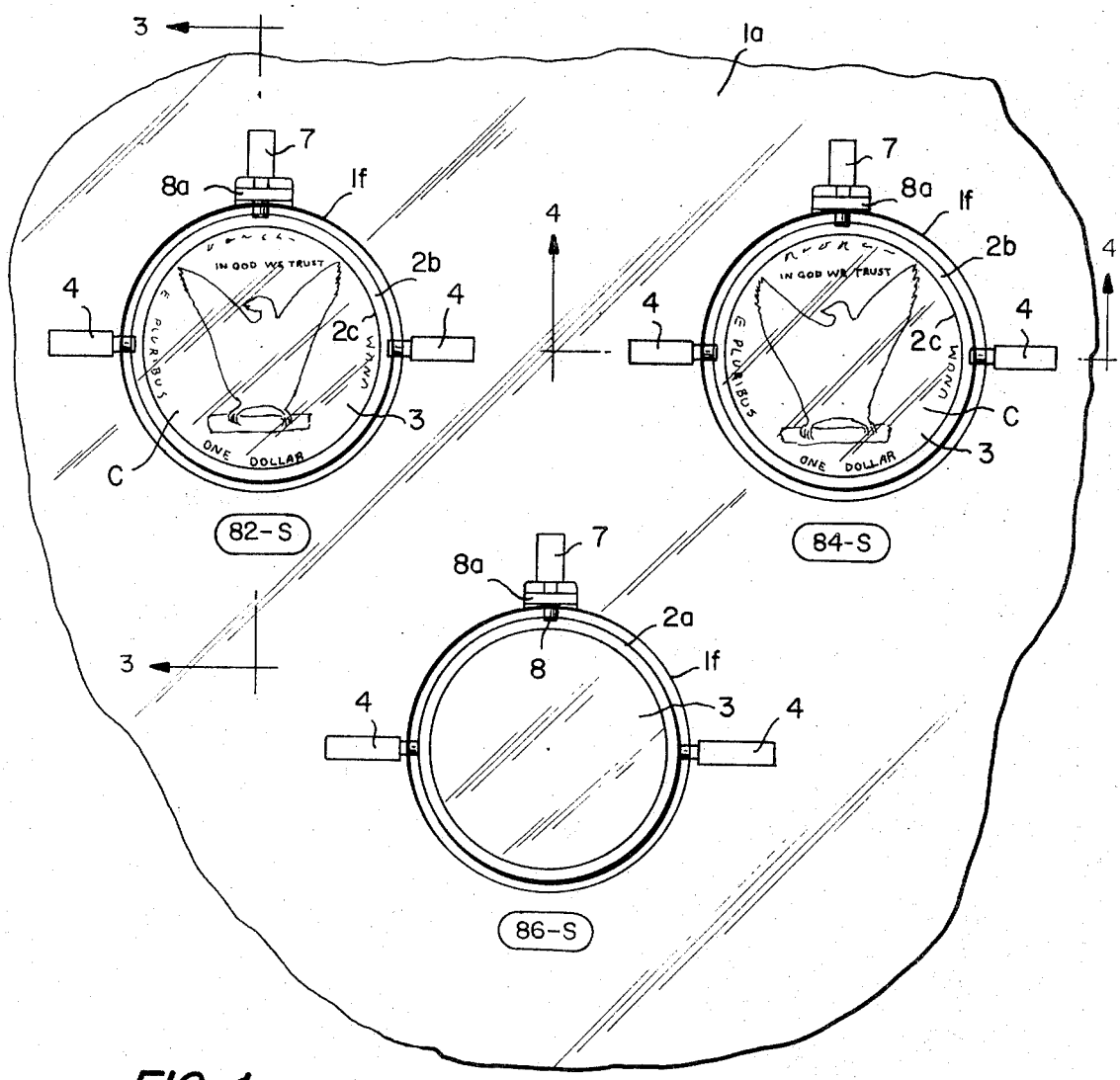

3
1a
7
8a
1f
2b
4
2c
3
C
IN GOD WE TRUST
E PLURIBUS UNUM
ONE DOLLAR
82-S
84-S
2a
8
86-S

FIG. 1

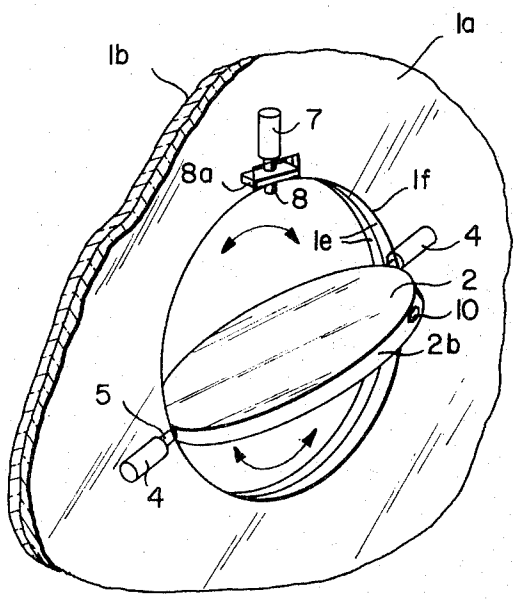

1a
1b
7
8a
8
1f
1e
4
2
10
2b
5

FIG. 2

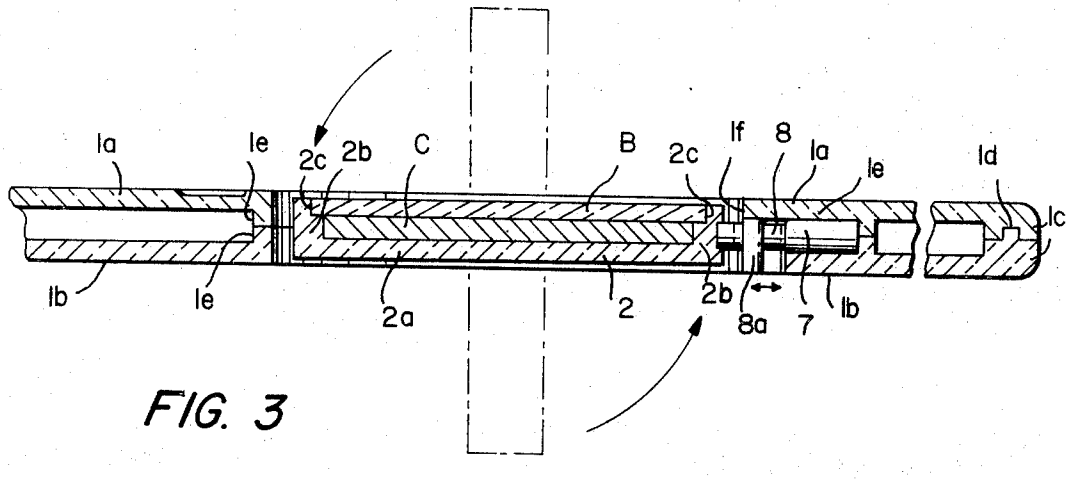


FIG. 3

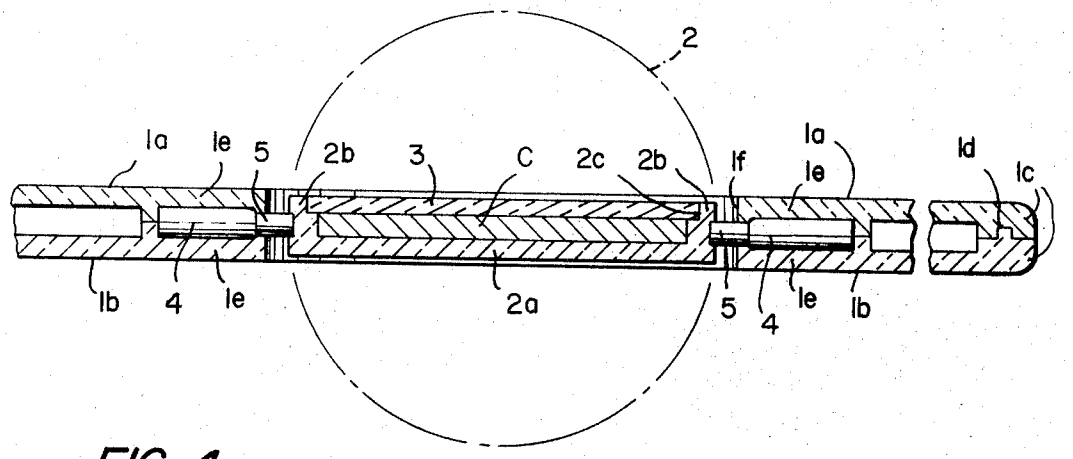


FIG. 4

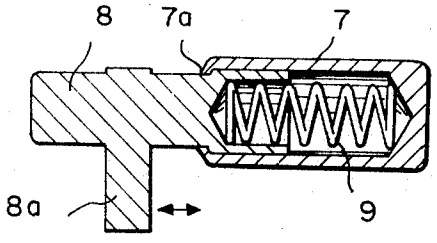


FIG. 5

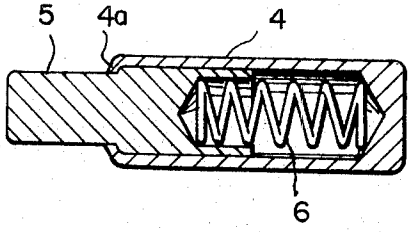


FIG. 6

MOUNTING OF COINS IN THE PAGES OF COIN ALBUMS

DISCLOSURE OF THE INVENTION

This invention relates to coin albums of the like, and more particularly to the mounting of coins in the pages of said coin albums. According to my invention, the pages of the album will comprise solid color plastic sheets which are preferably formed of superimposed upper and lower sheets of shell-cast plastic of suitable thickness secured together around the peripheral edges. The sheets have circular holes of desired size extending therethrough adapted to receive plastic coin holders for the coins which are pivoted in the holes on metallic pivot pins and are normally locked in the plane of the page by novel releasable metallic lock members, so that when the lock members are released or inoperative the coin holders with the coins sealed therein may be flipped over on their pivots to observe the reverse or obverse sides of the coins.

The principal objects of my invention are to provide a coin album of the above type which provides a separate protective show case for each coin; whereby both surfaces of the coins and including their narrowed edges may be observed at any time, and it is not necessary to invert the album or page to see the reverse side or edge of the coin; also to provide an album page of the above type in which there are no frayed edges on the pages and in which there are no slides over the coins; also to provide an album in which each coin may be removed from a page without exposing other coins on said page to air, moisture and fingermarks; also to provide an album page in which the coins can be moved from one hole to another so that there will be no need for that "empty hole" situation, and so that the coins can be arranged according to any desired manner as regards regular sets, varieties, types, errors, or any other groups desired.

Still further objects of the invention are to provide a page of an album holder as above described in which the diameter and thickness of the coin holder will be somewhat less than the thickness of the page in which it is mounted; also to provide an album page which will protect various sizes and various amounts of coins; and to provide a holder so constructed that because of the "flip" feature it is not necessary to turn the album or page upside down to view the reverse side of any coin.

Further objects of the invention will be hereinafter set forth.

I will explain the invention with reference to the accompanying drawings, which illustrate one practical embodiment thereof, to enable others familiar with the art to adopt and use the same; and will summarize in the claims, the novel features of construction, and novel combinations of parts, for which protection is desired.

IN THE DRAWINGS

FIG. 1 is a plan view of a page of the album showing an arrangement of circular coin holders pivotally mounted on diametric axes within the circular holes in the page.

FIG. 2 is a perspective view of a portion of FIG. 1 showing one coin holder lock member in inoperative position to permit the coin holder to be flipped over on its pivots to expose on the page the reverse side of the coin.

FIG. 3 is an enlarged transverse section on the line 3—3, FIG. 1.

FIG. 4 is an enlarged transverse section on the line 4—4, FIG. 1.

FIG. 5 is an enlarged transverse section through a lock member associated with a coin holder.

FIG. 6 is an enlarged transverse section through one of the pivots of a coin holder.

As shown in the drawing, the album page is formed of complimentary sheets of solid color plastic which are shell-cast and the sheets of each page are superimposed and are snap-locked together as shown in FIGS. 3 and 4. Extending through the page are circular holes 1*f* for receiving the coin holders as herein after described, the holes being spaced on the sheets in any desired manner.

Each page of the album comprises an upper sheet 1*a* and a lower sheet 1*b* each sheet 1*a*, 1*b*, being provided around its marginal edges with a thickened rim 1*c* (FIGS. 3 and 4); and one rim (such as 1*b*) carrying a tongue 1*d* (FIGS. 3 and 4) adapted to snap engage a corresponding groove in the overlying thickened rim 1*c* of the other sheet (such as 1*a*) so that when the precast sheets 1*a*, 1*b*, are superimposed and pressed together the tongue and grooves 1*d* will snap-lock together around the entire edges of the page, thereby holding the sheets 1*a*, 1*b* securely locked together.

The sheets 1*a* and 1*b* are also provided with thickened rim portions 1*e* (FIGS. 2, 3 and 4) extending around each of the circular openings 1*f* for the coin holders, and also in way of the pivot pins 5 and lock pins 8 (hereinafter described). By this construction when the sheets 1*a*, 1*b* are locked together the major portions of each album page will be internally hollow except around the holes 1*f*, the pivot pins 5, and the lock pins 8, and around the edges of the sheets 1*a*, 1*b*, which latter will be rounded to avoid rough edges.

Disposed in each or any opening 1*f* in the album page 1*a*, 1*b* is a removable coin holder 2 shown more particularly in FIGS. 3 and 4, the same comprising a circular cup-shaped member 2*a* having upstanding sides 2*b* provided with an annular shoulder 2*c* at its upper end, adapted to receive a plastic cover 3, as shown in FIGS. 3 and 4. The coin holder 2 as shown is somewhat less in overall thickness than the overall thickness of the album page 1*a*, 1*b*, and when the cover 3 is removed, a coin C may be placed in the coin holder 2 as shown, and the coin holder cover 3 then replaced in the holder 2 to hermetically seal the coin in the holder. If desired, a narrow strip of plastic (not shown) may be placed inside the rim 2*b* of the holder 2 to engage a worn rim of a coin C, to keep a worn coin C from rotating in the holder 2 when sealed therein.

Each coin holder 2 is pivotally mounted in its hole 1*f* of the page 1*a*, 1*b* by means of yieldable pivots, shown more particularly in FIG. 6. Each pivot comprises a barrel 4 having a closed end and an open end terminating in an inturned annular flange 4*a*; and slidably mounted within the barrel 4 is a plunger 5 extending beyond the flange 4*a*. A coil spring 6 is housed within the barrel 4 between the closed end thereof and the inner end of the plunger 5 normally urging the plunger 5 to project out of the barrel 4. Each barrel 4 is mounted in complimentary diametrically disposed semi-cylindrical grooves in the thickened rim 1*e* of the

sheets 1*a*, 1*b* adjacent the opening 1*f* at the time the sheets are secured together, as above described; and the outer end of each plunger 5 is adapted to fit or gauge diametrically disposed holes or holes in the outer side walls 2*b* of the coin holders 2 as shown more particularly in FIG. 4, so that the coin holders 2 will be pivotally mounted in the holes 1*f* of the page 1*a*, 1*b* and may be flipped over in the manner indicated in FIG. 2 when the locks which normally maintain the coin holders 2 in the plane of the album page 1*a*, 1*b* are in "released" position.

As shown in FIG. 3 the lock means for maintaining the coin holders 2 in the plane of the album page 1*a*, 1*b* comprises a cylinder 7 having a closed end and an open end terminating in an inturned annular flange 7*a*, and slidably mounted within the barrel 7 is a plunger 8 extending beyond the flange 7*a* of the cylinder.

A coil spring 9 is disposed within the cylinder 7 interposed between the closed end thereof and the inner end of the plunger 8. On the plunger 8 is a thumb lug 8*a* as shown in FIG. 2 and FIG. 5 so that the plunger 8 may be disengaged from a hole 10 (FIG. 2) in the side wall 2*b* of the coin holder 2 by pressure of the thumb against the thumb lug 8*a* against the action of the spring 9, so that the outer end of the plunger 8 is disengaged from the hole 10 in the side wall 2*b* of the coin holder 2, whereupon the coin holder 2 may be flipped over on pivot pins 5 as shown in FIG. 2 so as to bring the opposite side of the coin into the plane of the album page 1*a*, 1*b*. In order to remove a coin holder 2 from the page 1*a*, 1*b*, it is only necessary to release the lock pin 8 then rotate the coin holder 2 to a substantially vertical position out of the plane of the page 1 *a*, 1*b* as shown in FIG. 2 then push the coin holder 2 laterally of its pivots 5 so as to clear one of the pivot pins 5 whereupon the coin holder 2 will be permitted to come out of its normal pivoted position in the hole 1*f* of the album page.

I claim:

1. In combination, a coin album page comprising a pair of superimposed sheets of plastic material secured together, said sheets having a plurality of registering spaced circular holes extending therethrough; a plurality of circular transparent plastic coin holders adapted to hold coins therein disposed in at least some of the holes; said coin holders being of less diameter than the said holes; means for pivotally and removably mounting the coin holders in said holes respectively; and releaseable means for normally locking the coin holders in the plane of one face of the page, whereby when the releaseable means is released the coin holders may be rotated on their pivots to bring the reverse side of the coin holder into the plane of the same face of the album page.

2. In a combination as set forth in claim 1, said sheets being shell-cast and having corresponding thickened rims around their abutting marginal edges, the rim of one sheet being provided with a tongue extending therearound, and the rim of the other sheet being provided with a tongue receiving groove extending therearound whereby the edges of the sheets may be snap-locked together.

3. In a combination as set forth in claim 1, each coin holder comprising a flat circular cup-shaped body member having an annular upstanding side wall provided with an internal annular shoulder at its upper end; said body member receiving said coin below said shoulder; and a transparent plastic cover seated and secured on said shoulder to seal the coin in said coin holder, whereby both faces and the edge of the coin will be plainly visible through the coin holder.

4. In a combination as set forth in claim 1, said pivot means comprising a pair of barrels housed in complimentary semi-cylindrical grooves in the sheets disposed diametrically of the holes; said barrels having a closed end and having an open end adjacent the hole terminating in an internal annular plunger retaining flange; a plunger in each barrel extending through said open end and into a detent in the side of the coin holder; and a coil spring in each barrel interposed between the closed end of the barrel and the inner end of the plunger for normally retaining the plunger in said detent.

5. In a combination as set forth in claim 1, said locking means comprising a barrel housed in complimentary semi-cylindrical grooves in the sheets disposed normal to the pivotal axis of the coin holder, said barrel having a closed end and leaving an open end adjacent the hole terminating in an internal annular plunger retaining flange; a plunger in said barrel extending through said open end and into a detent in the side of the coin holder; a coil spring in said barrel interposed between the closed end of the barrel and the inner end of the plunger for normally retaining the plunger in said detent; and a lug on the plunger spaced from its outer end adapted to be engaged by a person's thumb to apply pressure against the action of the spring to effect release of the plunger from said detent thereby permitting the coin holder to be flipped over on its pivots in said hole.

6. In combination, a coin album page comprising a pair of superimposed sheets of plastic material secured together around their marginal edges, said sheets having a plurality of registering spaced circular holes extending therethrough a plurality of circular transparent plastic coin holders adapted to hold coins hermetically sealed therein disposed in at least some of the holes; said coin holders being of less diameter and of less thickness than the said holes; means for pivotally and removably mounting the coin holders in said holes respectively; and releasable means for normally locking the coin holders in the plane of one face of the page, whereby when the releasable means is released the coin holders may be rotated on their pivots to bring and lock the reverse side of the coin holder into the plane of the same face of the album page.

7. In a combination as set forth in claim 6, said sheets being shell-cast and having corresponding thickened rims around their abutting marginal edges, the rim of one sheet being provided with a tongue extending therearound, and the rim of the other sheet being provided with a tongue receiving groove extending therearound whereby the edges of the sheets may be snap-locked together; and said sheets having other corresponding thickened rims around the circular holes and around the pivot means and lock means whereby the major portions of the album pages will be hollow except around the holes, the pivots, the locks, and around the marginal edges of the pages.

8. In a combination as set forth in claim 6, each coin holder comprising a flat circular cup-shaped body member having an annular upstanding side wall provided with an internal annular shoulder at its upper end; said body member receiving said coin below said shoulder; and a transparent plastic cover seated and se-

cured on said shoulders, whereby both faces and the edge of the coin will be plainly visible through the coin holder.

9. In a combination as set forth in claim **6**, said pivot means comprising a pair of barrels housed in complimentary semi-cylindrical grooves in the sheets disposed diametrically of the holes; said barrels having a closed end and having an open end adjacent the hole terminating in an internal annular plunger retaining flange; a plunger in each barrel extending through said open end and into a detent in the side of the coin holder; and a coil spring in each barrel interposed between the closed end of the barrel and the inner end of the plunger for normally retaining the plunger in said detent.

10. In a combination as set forth in claim **6**, said locking means comprising a barrel housed in complimentary semi-cylindrical grooves in the sheets disposed normal to the pivotal axis of the coin holder, said barrel having a closed end and leaving an open end adjacent the hole terminating in an internal annular plunger retaining flange; a plunger in said barrel extending through said open end and into a detent in the side of the coin holder; a coil spring in said barrel interposed between the closed end of the barrel and the inner end of the plunger for normally retaining the plunger in said detent; and a lug on the plunger spaced from its outer end adapted to be engaged by a person's thumb to apply pressure against the action of the spring to effect release of the plunger from said detent thereby positioning the coin holder to be flipped over on its pivots in said hole.

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