

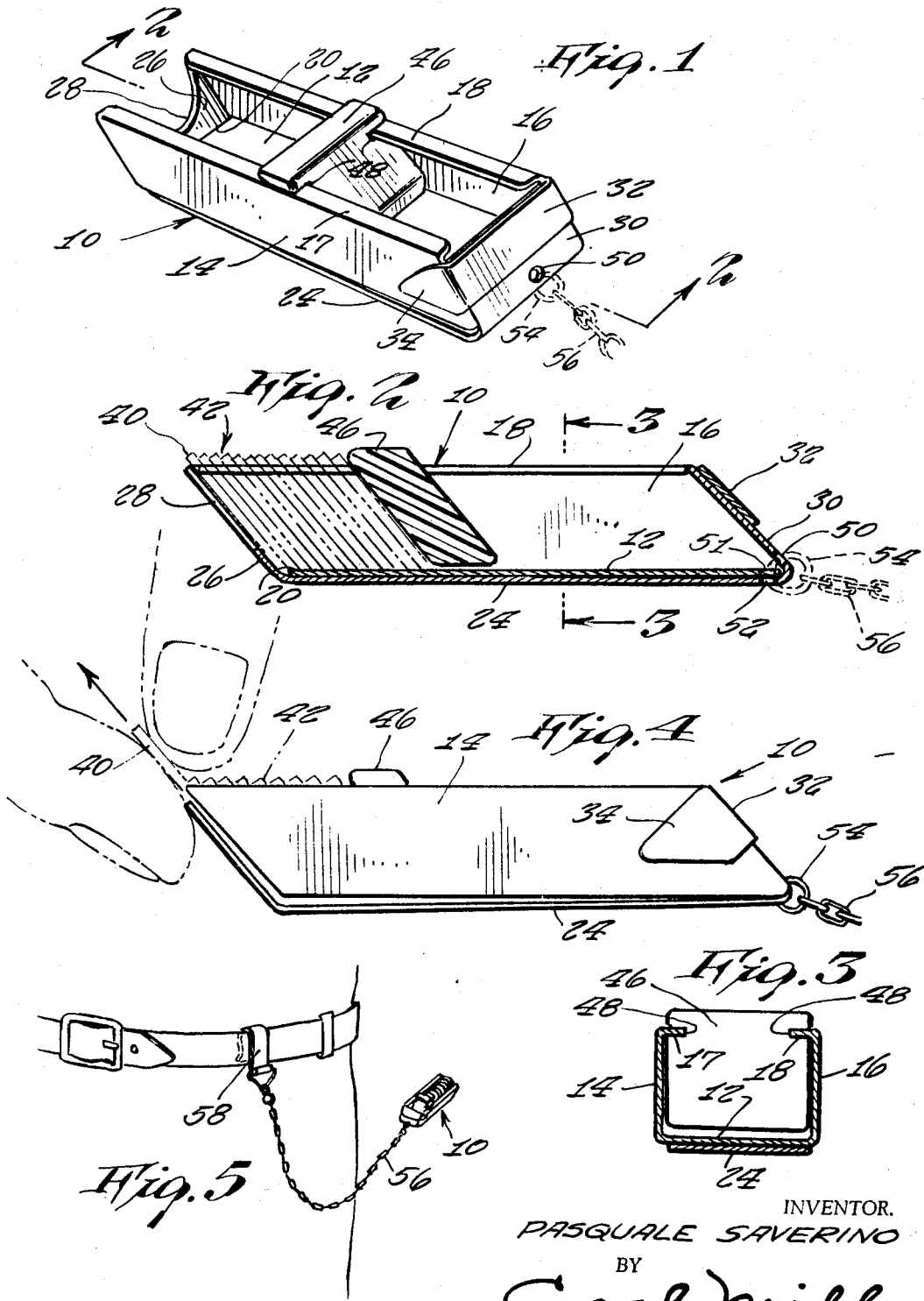
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P. SAVERINO

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COIN DISPENSEE

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INVENTOR,
PASQUALE SAVERINO
BY
Carl Miller
ATTORNEY

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3,393,688
COIN DISPENSER
Pasquale Saverino, 158—43 89th St.,
Howard Beach, N.Y. 11414
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ABSTRACT OF THE DISCLOSURE

A coin holder for storing a stack of coins in an inclined position, the holder having a dispensing means at one end to permit the endmost coin to be manually dispensed therefrom, a chain having a hook secured to an opposite end of the holder for tethering the device to a trouser belt, and a manually slidable bumper for urging the coins toward the dispensing end.

This invention relates to a coin retainer or dispenser.

The primary object of this invention is to provide a channel shaped container for holding a stack of coins or tokens in position so that one at the end of the stack and at one end of the container may be readily removed when desired.

Another object of the invention is to provide the container with a resilient and deflectable unitary auxiliary bottom and end walls with one end wall fixed to the container opposite the coin discharge end and with the other end wall movable such as to normally effectually retain the coins against accidental displacement from the container but on the application of force on the movable end wall to downwardly deflect the bottom so as to permit the release and removal of the coin adjacent to said movable end wall.

A further object of the invention is to provide a slidable rubber or plastic pusher in the container operative to be moved at the inner end of the stack of coins to abut the endmost coin thereat so as to hold the stack of coins tight against the movable end wall, the pusher being held in its adjusted position by frictional engagement with said container.

Yet another object of this invention relates to securing a ring at one end of a chain for attaching the coin container to a belt or other part of the wearing apparel by the passage of the ring through aligned adjacent openings in the bottom of the container, the fixed end wall and the deflectable auxiliary bottom.

Further objects of the invention will appear as the description proceeds.

To the accomplishment of the above and related objects, my invention may be embodied in the form illustrated in the accompanying drawings, attention being called to the fact, however, that the drawings are illustrative only, and that change may be made in the specific construction illustrated and described within the scope of the appended claims.

FIGURE 1 is a perspective view of the coin container.

FIGURE 2 is a longitudinal sectional view taken on line 2—2, FIGURE 1 showing in phantom lines a stack of coins.

FIGURE 3 is a cross-sectional view taken on line 3—3, FIGURE 2.

FIGURE 4 is a side elevational view of the coin container showing a coin being removed.

FIGURE 5 shows the coin container attached by a chain to a belt on a person.

Referring in detail to the drawings, the coin container 10 is made of metal and is of channel formation embodying a bottom 12, side walls 14, 16 and is open at each end. The side walls 14, 16 are parallel and are each provided along their upper free edges respectively with in-

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wardly directed opposed flanges 17, 18 for a purpose to be hereinafter described. The endmost edges of the side walls 14, 16 are inclined in preferably parallel planes the inclination being such that the forward end portions of the side walls and flanges overhang or extend beyond the forward terminal edge 20 of the bottom 12, see FIGURE 2.

Disposed beneath the channel bottom 12 is an auxiliary bottom 24 made preferably of resilient stainless steel and of a width corresponding to the inside width of the channel, i.e., the distance between side walls 14, 16. The auxiliary bottom 24 is provided at its forward end with an upwardly inclined front wall 26 corresponding to the inclination of the front end edges of the channel side walls 14, 16. Provided in the front wall 26 is an arcuate finger receiving notch 28. At its rear end, the auxiliary bottom 24 is provided with an inclined wall 30 corresponding to the inclination of the rear end edges of the channel side walls 14, 16. Secured in any suitable manner as by welds or rivets (not shown) to the upper exterior portion of rear wall 30 is a support bar 32 provided at each end with a forwardly directed bent portion or ear 34 such as to engage the exterior surface of the channel side walls 14 and 16 and to be permanently secured thereto in any desired manner (not shown). It is to be noted that the rear wall 30 of the auxiliary bottom 24 lies substantially in the plane of the channel wall rear edges and is disposed between and in contacting engagement with the opposed channel side walls 14, 16 so as to provide a fixed end closure wall for the channel container. Similarly the forward notched inclined wall 26 of the auxiliary bottom is disposed between the channel walls 14, 16 at the forward inclined end edges thereof. With the device held in one hand a downward push by a finger in the notch 28 will move the forward end wall 26 down and away from the forward inclined end edges of the channel side walls, see FIGURE 4, permitted by the resilient deflection of the auxiliary bottom 24. In its normal position, the end wall 26 provides a forward end closure wall for the channel container engaged by the forward coin 40 of a stack of coins 42 as shown in FIGURE 2.

To retain the stack of coins 42 in position so that the foremost coin will always be in engagement with the forward end wall 26 there is provided a pusher 46 which is formed of a block of rubber or plastic. The pusher 46 is provided at each side thereof with a groove 48 for the reception of the channel wall flanges 17, 18 as shown in FIGURES 1 and 3. It is to be noted that the pusher 46 has an inclination corresponding to the inclination of the front end wall 26 so that the entire surface of the front face of the pusher will engage the rear coin of the stack 42 as clearly shown in FIGURE 2. The pusher 46 is slidable within the channel container being guided and retained therein by the channel wall flanges 17, 18 seated within grooves 48. By virtue of the inclination of the flanges 17, 18 in grooves 48, the pusher 46 will be held in a fixed position in the channel container to maintain the coins in stacked position at all times, being moved only when coins are removed from the container.

Deflection of the auxiliary bottom by a downward push by a finger, see FIGURE 4, will release the forward coin 40 to facilitate easy withdrawal thereof in the manner readily apparent.

Provided in end wall 30, channel bottom 12 and auxiliary bottom 24 are respectively adjacent openings 50, 51 and 52 through which a ring 54 on the end of chain 56 extends. The other end of the chain 56 is provided with a belt hook 58 for attachment to a belt so that the coin container 10 may be placed in the trouser pocket of the person.

While certain novel features of my invention have been

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shown and described and are pointed out in the annexed claims, it will be understood that various omissions, substitutions and changes in the forms and details of the device illustrated and in its operation can be made by those skilled in the art without departing from the spirit of the invention. 5

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

1. A coin container comprising: (a) a channel having a bottom and opposed parallel side walls with one end of said channel being open, (b) an auxiliary resilient bottom disposed beneath said channel bottom and secured at its rear end to a portion of said channel, (c) an upstanding wall on said auxiliary bottom providing a movable closure for the open end of said channel, (d) a pusher member within said channel, (e) coacting means on said channel side walls and said pusher member for guiding and retaining the pusher member in said channel, (f) said one open end of the channel is the forward end of the container, (g) said channel having its other and rear end open, (h) said upstanding wall on said auxiliary bottom being at the front end thereof, (i) a second upstanding wall at the rear end of said auxiliary bottom, (j) a transverse bar member secured exteriorly to said rear upstanding wall, (k) a forwardly extending ear at each end of said transverse bar each secured to a rear portion of an adjacent channel wall with the rear upstanding wall providing a fixed closure wall for the rear open end of said channel, (l) said auxiliary bottom normally in contacting engagement with said channel bottom and constituting a cantilever spring which is flexed away from said channel bottom when said first mentioned upstanding front closure wall is moved downwardly, whereby with a stack of coins disposed in said container between said pusher member and movable end wall, the forwardmost coin of the stack will be released for ready removal on a downward movement of the movable end wall and deflection of the auxiliary bottom. 10 15 20 25 30 35

2. The coin container of claim 1, wherein:

(a) said first mentioned upstanding front closure wall has an arcuate notch to provide a finger access recess, 40

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(b) the terminal end edges of said channel walls at each end of said channel being inclined and in substantially parallel planes, the inclination being such that the front end portions of the channel walls extend beyond the front transverse edge of the channel bottom.

3. The coin container of claim 2, wherein:

(a) said front and rear upstanding walls of said auxiliary bottom have a corresponding inclination.

4. The coin container of claim 3, including:

(a) an inwardly directed flange at the upper longitudinal edge of each channel wall,

(b) a groove in each side wall of said pusher member and each receiving a flange of a channel wall,

(c) said pusher member being slidable along said flanges and in frictional engagement therewith.

5. The coin container of claim 4, wherein:

(a) said pusher member is formed of a plastic material and has an inclination corresponding to the inclination of the front upstanding closure wall.

6. The coin container of claim 5, including:

(a) a fastener chain having at one end a ring,

(b) there being aligned adjacent openings in the rear closure wall, the channel bottom and the auxiliary bottom through which said ring passes to connect the fastener chain to said container, and

(c) fastener means at the other end of said chain to connect the same to the apparel of a person carrying the container.

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WALTER SOBIN, *Primary Examiner.*